



Angeles Link Quarterly Report (Phase One) Appendices

For the Period April 1, 2023 through June 30, 2023

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**APPENDIX 1 – ATTENDEE
LIST OF PUBLIC
ADVISORY GROUP AND
COMMUNITY BASED
ORGANIZATION
STAKEHOLDER GROUP
MEETINGS, INCLUDING
THOSE
INVITED**

#	First Name	Last Name	Affiliation
Attendee List CBOSG Stakeholder Engagement Plan 5.18.23			
1	Lourdes	Caracoza	Alma Family Services
2	Marcia	Hanscom	Ballona Wetlands Institute
3	Marc	Carrel	Breathe Southern California
4	Michael	Berns	California Greenworks
5	Jessy	Shelton	California Greenworks
6	Daisy	Ma	Chinatown Service Center
7	Kerry	Situ	Chinatown Service Center
8	Amy	Zhao	Chinatown Service Center
9	Ayn	Craciun	Climate Action Campaign
10	Kenta	Estrada-Darley	Coalition for Responsible Community Development
11	Ricardo	Mendoza	Coalition for Responsible Community Development
12	Theo	Caretto	Communities for a Better Environment
13	Ambar	Rivera	Communities for a Better Environment
14	Christopher	Arroyo	California Public Utilities Commission
15	Robert Roy	van de Hoek	Defend Ballona Wetlands
16	Hyepin	Im	Faith and Community Empowerment
17	Andrea	Vega	Food & Water Watch
18	Kisa	Ito	Little Tokyo Community Council
19	Luis	Pena	Los Angeles Indigenous Peoples Alliance
20	Maiesha	Kif	Los Angeles Urban League
21	Andrea	Slater	Mothers Out Front
22	Belen	Bernal	Nature for All
23	Alex	Jasset	Physicians for Social Responsibility-LA
24	Faith	Myhra	Protect Playa Now
25	Rashad	Trapp	Reimagine LA Foundation
26	Lydia	Ponce	Society of Native Nations
27	Enrique	Aranda	Soledad Enrichment Action
28	Andrea	Williams	Southside Coalition of Community Health Centers
29	Kayla	Karimi	The Center on Race, Poverty, and the Environment
30	Marna	Anning	The Utility Reform Network
31	Andrea	Leon-Grossmann	Vote Solar
32	Thelmy	Alvarez	Watts Labor Community Action Committee
33	Gerry	Salcedo	YMCA - Southeast Rio Vista
Project Team			
34	Stevie	Espinoza	Arellano Associates
35	Chester	Britt	Arellano Associates
36	Sasha	Cheechov	Arellano Associates
37	Sohrab	Mikanik	Arellano Associates
38	Rick	Garcia	Lee Andrews Group
39	Alyssa	Martinez	Lee Andrews Group

#	First Name	Last Name	Affiliation
40	Alma	Marquez	Lee Andrews Group
41	Joey	Legaspi	Lee Andrews Group
42	Alan	Rodriguez	Lee Andrews Group
43	Stephanie	Graves	Lee Andrews Group
44	Emily	Grant	SoCalGas
45	Neil	Navin	SoCalGas
46	Douglas	Chow	SoCalGas
47	Jill	Tracy	SoCalGas
48	Megan	Lorenz	SoCalGas
49	Sebastian	Garza	SoCalGas
50	Emily	Grant	SoCalGas
51	Nikki	Buffa	Latham & Watkins
52	Edith	Moreno	SoCalGas
53	Vageha	Khan	SoCalGas
54	Frank	Lopez	SoCalGas

#	First Name	Last Name	Affiliation	Attendance
Attendee List CBOSG Q2 6.22.23				
1	Marcia	Hanscom	Ballona Wetlands Institute	In-Person
2	Marc	Carrel	Breathe Southern California	In-Person
3	Jessy	Shelton	California Greenworks	In-Person
4	Rene	Williams	California Native Vote Project	Virtual
5	Christopher	Arroyo	California Public Utilities Commission	Virtual
6	Daisy	Ma	Chinatown Service Center	In-Person
7	Kerry	Situ	Chinatown Service Center	In-Person
8	Ayn	Craciun	Climate Action Campaign	Virtual
9	Roselyn	Tovar	Communities for a Better Environment	In-Person
10	Kenta	Estrada-Darley	Coalition for Responsible Community Development (CRCD)	In-Person
11	Robert	van de Hoek	Defend Ballona Wetlands	In-Person
12	Jackson	Garland	Defend Ballona Wetlands	Virtual
13	Hypin	Im	Faith and Community Empowerment (FACE)	In-Person
14	Andrea	Vega	Food & Water Watch	In-Person
15	Michael	Fisher	Greater Zion Church Family	In-Person
16	Kristin	Fukushima	Little Tokyo Community Council	Virtual
17	Ella	Cavlan	Parents, Educators/Teachers, and Students in Action (PESA)	Virtual
18	Faith	Myhra	Protect Playa Now	In-Person
19	Shawna	Andrews	Reimagine LA Foundation	In-Person
20	Enrique	Aranda	Soledad Enrichment Action, Inc.	In-Person
21	Xochitl	Herrera	Soledad Enrichment Action, Inc.	In-Person
22	Gerry	Salcedo	Southeast Rio Vista YMCA	In-Person
23	Andrea	Williams	Southside Coalition of Community Health Centers	Virtual
24	Andrea	Leon-Grossmann	Vote Solar	In-Person
25	Thelmy	Alvarez	Watts Labor Community Action Committee	In-Person
Project Team				
26	Chester	Britt	Arellano Associates	In-Person
27	Sohrab	Mikanik	Arellano Associates	In-Person
28	Trey	Grogan	Arellano Associates	In-Person
29	Stevie	Espinoza	Arellano Associates	In-Person
30	Sasha	Cheechov	Arellano Associates	Virtual
31	Anniken	Lydon	Insignia Environmental	In-Person
32	Armen	Keochekian	Insignia Environmental	In-Person
33	Alisa	Lykens	Insignia Environmental	Virtual
34	Nikki	Buffa	Latham & Watkins	Virtual
35	Alma	Marquez	Lee Andrews Group	In-Person

#	First Name	Last Name	Affiliation	Attendance
36	Rick	Garcia	Lee Andrews Group	Virtual
37	Alan	Rodriguez	Lee Andrews Group	In-Person
38	Alyssa	Martinez	Lee Andrews Group	In-Person
39	Stephanie	Graves	Lee Andrews Group	In-Person
40	Rina	Padula	SoCalGas	Virtual
41	Chanice	Allen	SoCalGas	Virtual
42	Karin	Fickerson	SoCalGas	Virtual
43	Emily	Grant	SoCalGas	In-Person
44	Jill	Tracy	SoCalGas	In-Person
45	Neil	Navin	SoCalGas	In-Person
46	Andy	Carrasco	SoCalGas	In-Person
47	Hector	Moreno	SoCalGas	Virtual
48	Katrina	Regan	SoCalGas	In-Person
49	Armando	Infanzon	SoCalGas	In-Person
50	Theresa	Dao	SoCalGas	In-Person
51	Sebastian	Garza	SoCalGas	In-Person
52	Edith	Moreno	SoCalGas	In-Person
53	Trisha	Muse	SoCalGas	In-Person
54	Douglas	Chow	SoCalGas	In-Person
55	Yuri	Freedman	SoCalGas	In-Person

#	First Name	Last Name	Affiliation
Attendee List PAG Stakeholder Engagement Plan 5.18.23			
1	Seth	Hilton	Air Products
2	Arthur	Fisher	Cal Advocates
3	Katrina	Fritz	California Hydrogen Business Council
4	Lance	Hastings	California Manufacturers & Technology Association
5	Christopher	Arroyo	California Public Utilities Commission
6	Chris	Myers	California Public Utilities Commission
7	Theo	Caretto	Communities for a Better Environment
8	Sara	Gersen	Earth Justice
9	Russell	Lowery	Environmental Justice League
10	Pete	Budden	National Resources Defense Council
11	Norman	Pedersen	Southern California Generation Coalition
12	Marna	Anning	The Utility Reform Network
13	Jack	Brouwer	University of California, Irvine
14	Tyson	Siegele	Utility Consumers' Action Network
15	Mike	Cormode	UWUA Local 132
16	Ernest	Shaw	UWUA Local 483 Transmissions and Storage
Project Team			
17	Chester	Britt	Arellano Associates
18	Sasha	Cheechov	Arellano Associates
19	Sohrab	Mikanik	Arellano Associates
20	Stevie	Espinoza	Arellano Associates
21	Alan	Rodriguez	Lee Andrews Group
22	Alma	Marquez	Lee Andrews Group
23	Alyssa	Martinez	Lee Andrews Group
24	Joey	Legaspi	Lee Andrews Group
25	Rick	Garcia	Lee Andrews Group
26	Nikki	Buffa	Latham & Watkins
27	Avisha	Patel	SoCal Gas
28	Douglas	Chow	SoCal Gas
29	Edith	Moreno	SoCal Gas
30	Emily	Grant	SoCal Gas
31	Frank	Lopez	SoCal Gas
32	Jill	Tracy	SoCal Gas
33	Megan	Angarita	SoCal Gas
34	Melissa	Hovsepian	SoCal Gas
35	Sebastian	Garza	SoCal Gas
36	Vageha	Khan	SoCal Gas

#	First Name	Last Name	Affiliation
Attendee List PAG Q2 6.28.23			
1	Michael	Boccadoro	Agricultural Energy Consumers Association
2	Maddie	Munson	Agricultural Energy Consumers Association
3	Lorraine	Paskett	Air Products
4	Seth	Hilton	Air Products
5	Robert	Spiegel	CA Manufacturers & Technology Association
6	Rizaldo	Aldas	California Energy Commission
7	Katrina	Fritz	California Hydrogen Business Council
8	Christopher	Arroyo	California Public Utilities Commission
9	Nick	Zanjani	California Public Utilities Commission
10	Theo	Caretto	Communities for a Better Environment
11	Brian	Goldstein	Energy Independence Now
12	Russell	Lowery	Environmental Justice League
13	Hope	Fasching	Green Hydrogen Coalition
14	Nicholas	Connell	Green Hydrogen Coalition
15	Karla	Sanchez	Harbor Trucking Association
16	Jan	Smutny-Jones	Independent Energy Producers (IEP)
17	Sal	DiCostanzo	International Longshore and Warehouse Union Local 13
18	Mike	Galvin	Port of Los Angeles
19	Tim	DeMoss	Port of Los Angeles
20	Chris	Myers	Public Advocates Office at the CPUC
21	Nathaniel	Skinner	Public Advocates Office at the CPUC
22	Sara	Gersen	Sierra Club
23	Aaron	Katzenstein	South Coast Air Quality Management District
24	Norman	Pedersen	Southern California Generation Coalition
25	Rodney	Cobos	Southern California Pipe Trades District Council 16
26	Charles	Wilson	Southern California Water Coalition
27	Marna	Paintsil Anning	The Utility Reform Network
28	Jack	Brouwer	University of California, Irvine
29	Arun	Raju	University of California, Riverside
30	Tyson	Siegele	Utility Consumers' Action Network (UCAN)
31	Ernest	Shaw	UWUA Local 483 Transmissions and Storage
32	Robin	Downs	UWUA Local 483 Transmissions and Storage
Non-PAG Members			
33	Sohrab	Mikanik	Arellano Associates
34	Genoveva	Arellano	Arellano Associates
35	Chester	Britt	Arellano Associates
36	Trey	Grogan	Arellano Associates
37	Stevie	Espinoza	Arellano Associates
38	Sasha	Cheechov	Arellano Associates
39	Marybel	Batjer	California Strategies

#	First Name	Last Name	Affiliation
40	Anniken	Lydon	Insignia Environmental
41	Armen	Keochekian	Insignia Environmental
42	Alisa	Lykens	Insignia Environmental
43	Nikki	Buffa	Latham
44	Alan	Rodriguez	Lee Andrews Group
45	Rick	Garcia	Lee Andrews Group
46	Alma	Marquez	Lee Andrews Group
47	Alyssa	Martinez	Lee Andrews Group
48	Rina	Padula	SoCalGas
49	Kent	Kauss	SoCalGas
50	Emily	Grant	SoCalGas
51	Jill	Tracy	SoCalGas
52	Neil	Navin	SoCalGas
53	Andy	Carrasco	SoCalGas
54	Maryam	Brown	SoCalGas
55	Edith	Moreno	SoCalGas
56	Yuri	Freedman	SoCalGas
57	Katrina	Regan	SoCalGas
58	Armando	Infanzon	SoCalGas
59	Sebastian	Garza	SoCalGas
60	Theresa	Dao	SoCalGas
61	Frank	Lopez	SoCalGas
62	Amy	Kitson	SoCalGas
63	Douglas	Chow	SoCalGas
64	Hector	Moreno	SoCalGas
65	Eric	Hofmann	SoCalGas
66	Chris	Gilbride	SoCalGas

Invitation list for CBOSG meetings

Organization Name	First Name	Last Name
Environmental Justice		
California Public Utilities Commission	Christopher	Arroyo
Protect Playa Now	Faith	Myhra
Ballona Wetland Institute	Marcia	Hanscom
California Greenworks	Jessy	Shelton
California Greenworks	Michael	Berns
Communities for a Better Environment	Theo	Caretto
Communities for a Better Environment	Roberto	Cabrales
Communities for a Better Environment	Ambar	Rivera
Communities for a Better Environment	Roselyn	Tovar
Breathe Southern California	Marc	Carrel
Breathe Southern California	Tigran	Agdaian
Nature for All	Belen	Bernal
Nature for All	Steven	Ochoa
Climate Action Campaign	Ayn	Craciun
Climate Action Campaign	Lexi	Hernandez
Vote Solar	Andrea	Leon-Grossmann
Food and Water Watch	Andrea	Vega
Food and Water Watch	Chirag	Bhakta
Defend Ballona Wetlands	Robert Roy	van de Hoek
Defend Ballona Wetlands	Jackson	Garland
Physicians for Social Responsibility - Los Angeles	Alex	Jasset
Go Green Initiative	Jill	Buck
Economic Development		
Chinatown Service Center	Daisy	Ma
Chinatown Service Center	Kerry	Situ
Soledad Enrichment Action	Enrique	Aranda
Soledad Enrichment Action	Nathan	Aranda
Communities for Responsible Community Development	Ricardo	Mendoza
Communities for Responsible Community Development	Kenta	Estrada-Darley
Watts/Century Latino Organization	Autumn	Ybarra
Watts/Century Latino Organization	Arturo	Ybarra
Little Tokyo Community Council	Kristin	Fukushima
Little Tokyo Community Council	Chris	Fukushima
Reimagine LA Foundation	Rashad	Trapp
Reimagine LA Foundation	Shawna	Andrews
Reimagine LA Foundation	Raul	Claros
Mexican American Opportunity Foundation	Ciriaco "Cid"	Pinedo
Watts Labor Community Action Committee	Timothy	Watkins
Watts Labor Community Action Committee	Thelmy	Alvarez
Healthcare		
Alma Family Services	Lourdes	Caracoza
Alma Family Services	Aida	Vega

Alma Family Services	Diego	Rodriguez
Southside Coalition of Community Health Centers	Andrea	Williams
Southside Coalition of Community Health Centers	Lucy	Castro
Faith-Based Organizations		
Greater Zion Church Family	Michael	Fisher
Greater Zion Church Family	Danny	Harrison
Greater Zion Church Family	Aquyla	Walker
Faith and Community Empowerment (FACE)	Hyepin	Im
Faith and Community Empowerment (FACE)	Mirabelle	Johnson
School-Based Organizations		
YMCA of Greater Los Angeles	Gerry	Salcedo
PESA (Parents, Educators/Teachers & Students in Action)	Seymour	Amster
PESA (Parents, Educators/Teachers & Students in Action)	Ella	Cavlan
Parents, Educators/Teachers, and Students in Action (PESA)	Sydney	Rogers
PESA (Parents, Educators/Teachers & Students in Action)	Araksya	Nordikyan
Tribal Organizations		
Los Angeles Indigenous People's Alliance	Luis R.	Pena
Los Angeles Indigenous People's Alliance	Jamie	Patino
California Native Vote Project	Rene	Williams
Comunidades Indigenas en Liderazgo (CIELO)	Odilia	Romero
Comunidades Indigenas en Liderazgo (CIELO)	Edgar	Lazaro

Invitation list for PAG meetings

Organization Name	First Name	Last Name
Agricultural Energy Consumers Association	Maddie	Munson
Agricultural Energy Consumers Association	Michael	Boccardo
Air Products	JP	Gunn
Air Products	Lorraine	Paskett
Air Products	Seth	Hilton
Air Products	Miles	Heller
ARCHES	Angelina	Galiteva
ARCHES	Tyson	Eckerle
Bizfed	Sarah	Wiltfong
Bloom Energy	Christina	Tan
California Energy Commission	Rizaldo	Aldas
California Hydrogen Business Council	Katrina	Fritz
California Manufacturers and Technology Association	Lance	Hastings
California Manufacturers and Technology Association	Robert	Spiegel
California Public Utilities Commission	Arthur	Fisher
California Public Utilities Commission	Christopher	Arroyo
California Public Utilities Commission	Christopher	Myers
California Public Utilities Commission	Jack	Chang
California Public Utilities Commission	Nick	Zanjani
California Public Utilities Commission	Nathaniel	Skinner
California Public Utilities Commission	Kaj	Peterson
California Public Utilities Commission	Matthew	Taul
CARB	Steve	Cliff
City of Long Beach*	Mario	Cordero
Clean Energy	Nora	Sheriff
California Water Data Consortium	Deven	Upadhay
Utility Consumers' Action Network	Tyson	Siegele
Communities for a Better Environment	Roberto	Cabrales
Communities for a Better Environment	Theo	Caretto
Earth Justice	Sara	Gersen
Energy Independence Now	Brian	Goldstein
Environmental Defense Fund	Michael	Colvin
Environmental Defense Fund	Joon Hun	Seong
Environmental Justice League	Russell	Lowery
GoBiz	Deedee	Myers
Green Hydrogen Coalition	Nick	Connell
Green Hydrogen Coalition	Hope	Fasching
Harbor Trucking Association	Matthew	Schrap
Harbor Trucking Association	Karla	Sanchez
Independent Energy Producers Association	Jan	Smutny Jones
International Longshore and Warehouse Union Local 13	Sal	DiConstanzo
International Longshore and Warehouse Union Local 13	Mark	Jurisc

International Longshore and Warehouse Union Local 13	Sophia	Dubrovich
LADWP	Marty	Adams
LADWP	Paul	Habib
LADWP	Nermina	Rucic
Local Union 250	Nathaniel	Williams
Local Union 250	Hector	Carbajal
Metropolitan Water District	Deven	Upadhyay
Natural Resources Defense Council	Pete	Budden
Port of Los Angeles	Mike	Galvin
Port of Los Angeles	Tim	DeMoss
Protect our Communities Foundation		
Reimagine LA	Rashad	Rucker-Trapp
Reimagine LA	Raul	Claros
Sierra Club	Monica	Embrey
Sierra Club	Katerine	Ramsey
South Coast AQMD	Maryam	Hajbabaei
South Coast AQMD	Aaron	Katzenstein
South Coast AQMD	Sam	CaO
Southern CA Water Coalition	Charley	Wilson
Southern California Association of Governments	Kome	Ajise
Southern California Generation Coalition	Norman	Pedersen
Southern California Leadership Council	Richard	Lambros
Southern California Pipe Trades	Rodney	Cobos
The United Association	Aaron	Stockwell
UC Davis Sustainable Transportation Energy Pathways	Lew	Fulton
UCI Advanced Power and Energy Program	Jack	Brouwer
University of CA Riverside	Arun	Raju
Utility Reform Network (TURN)	Marcel	Hawiger
Utility Reform Network (TURN)	Marna	Paintsil Anning
Utility Workers Union of America 483	Ernest	Shaw
Utility Workers Union of America 483	Robin	Downs
Utility Workers Union of America 483	Anthony	Flores
Utility Workers Union of America Local 132	Joe	Moreno
Utility Workers Union of America Local 132	Mike	Cormode

**APPENDIX 2 –
COMMUNITY BASED
ORGANIZATION
STAKEHOLDER
GROUP MEETING
MATERIALS**

May 18, 2023
10 – 11 a.m.



A N G E L E S L I N K

COMMUNITY BASED ORGANIZATION STAKEHOLDER GROUP

Stakeholder Engagement Plan Webinar

Thank you for joining the CBOSG webinar, we will be starting shortly after 10 a.m. to make sure everyone is online.



ZOOM MEETING POINTERS



This meeting will be recorded (video and audio), and a court reporter will be transcribing the meeting; translation will be available for the CBOSG meeting and upon request for PAG



Microphones are muted by the host to eliminate background noise



We encourage you to **turn on your cameras** so we can better engage with you



Please feel free to **use the Zoom chat** to provide input and ask questions throughout the agenda, chat function will remain available during the meeting



To **notify the host you would like to speak**, please use the "Raise Hand" button at the bottom of the screen or use the Zoom chat feature to type a comment

AGENDA

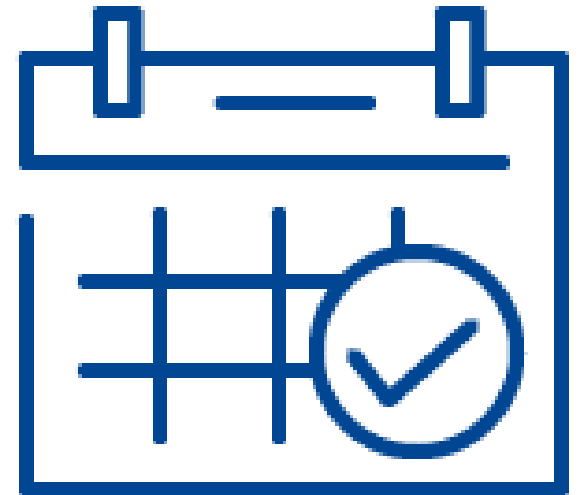


- » Welcome & Introduction
- » Stakeholder Engagement Plan (SEP)
 - Introduction
 - Stakeholder Governance
 - Key Audiences
 - Communication Methods
 - Stakeholder Engagement Program
 - Documentation
- » Other Engagement Options
- » CPUC Quarterly Report Status
- » Group Discussion
- » Next Steps

A LOOK AHEAD

June Quarterly Meeting possible agenda topics include:

- Overview of scopes of work for various studies to be presented by subject matter experts
- Hydrogen safety
- Collaboration on a systematic approach to submit comments on Quarterly Report
- Additional ideas are welcome! Please submit to SoCalGas or stakeholder leads



WELCOME & INTRODUCTION



ANGELS
LINK



EMILY GRANT

Senior Public Affairs Mgr.
SoCalGas



CHESTER BRITT

Executive Vice President
Arellano Associates
PAG Lead



ALMA MARQUEZ

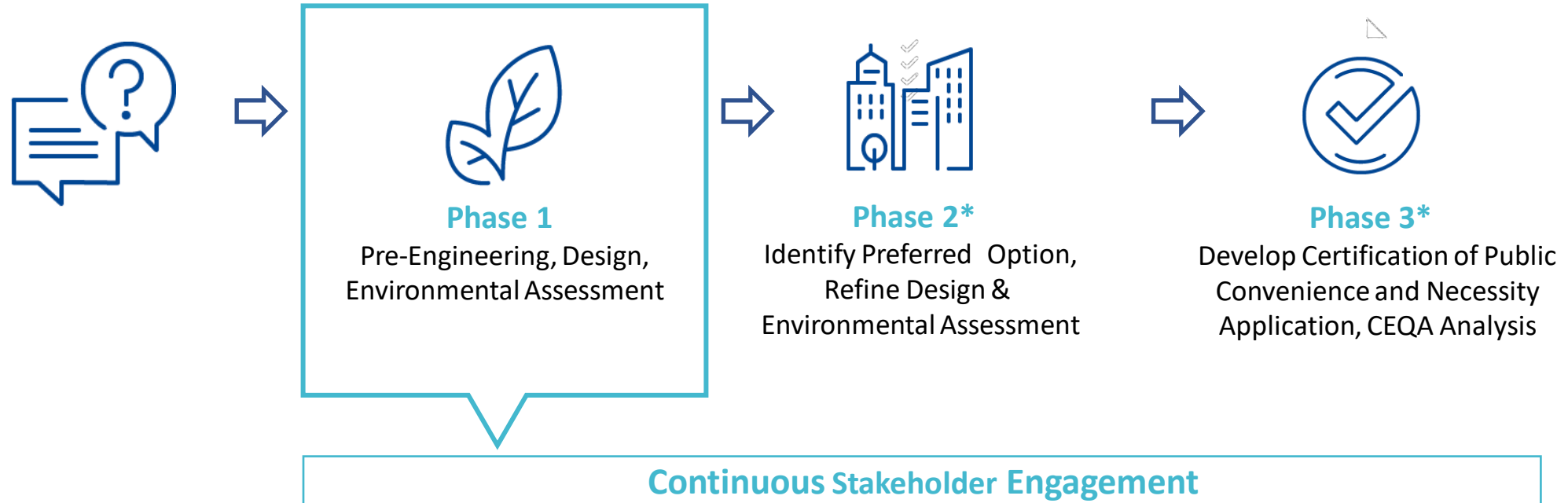
Vice President Gov. Relations
Lee Andrews Group
CBOSG Lead



I. Introduction

STAKEHOLDER ENGAGEMENT PLAN (SEP)

Angeles Link project planning is proposed into **three phases**:



- » Blueprint for how stakeholder engagement will be conducted throughout the Angeles Link Phase One activities
- » Outlines communication tools and techniques needed for stakeholder education, information and input in support of the technical studies process
- » Flexible to address unforeseen needs or challenges as presented by the technical work or PAG and CBOSG input

** Phases 2 and 3 subject to California Public Utilities Commission (CPUC) approval*

STAKEHOLDER ENGAGEMENT PLAN (SEP), CONT.

» Consistent with stakeholder engagement requirements outlined in the Final Decision:

1. Complies with the Project-specific standards and stakeholder engagement activities described in the Final decision.
2. Identifies how SoCalGas' planning process will gather and address stakeholder input.
3. Facilitates meaningful participation and input from a broad range of stakeholders on Phase One activities.
4. Facilitates Project planning transparency via data sharing and analyses from Phase One technical study activities.





II. Stakeholder Governance



SOCALGAS ROLE



- » Identify potential members for the PAG and CBOSG
- » Convene and facilitate content for quarterly and optional meetings, including input documentation
- » Make available technical studies and data to PAG and CBOSG
- » Facilitate transparent and proactive outreach to all levels of stakeholders
- » Coordinate with CPUC Energy Division
- » Comply with Final Decision

PAG & CBOSG ROLE



PAG Role

- » Provide technical input on an advisory basis and collaborate on Project design and development
- » Represent stakeholders, covering a broad array of interests and expertise

CBOSG Role

- » Represent interests of:
 - Community Based Organizations (CBO)
 - Environmental Social Justice Groups (ESJ)
 - Disadvantaged Communities (DAC)
 - Church and School Groups
- » Advance the needs of local communities, including access to resources, education and community news

PAG/CBOSG GUIDING PRINCIPLES



- » Participation will be founded on openness, transparency, communication and accountability to its members
- » Transparency requires dialogue and participation in a collaborative process
- » Recognize that an equitable process is integral to developing equitable energy solutions
- » The PAG/CBOSG are advisory bodies

PAG/CBOSG/SOCALGAS ENGAGEMENT GUIDELINES

- » Actively participate in the review of materials and discussion
- » Communicate openly, be curious, and good listeners of other's opinions and positions
- » Refrain from any form of personal attacks or use of profanity
- » Respect the role of the facilitator as a professional committed to keeping meeting productive and on track
- » Prioritize their involvement to maximize the benefit of all participants
- » Respect time limits for agenda items and plan to stay for the entire meeting
- » Designate an alternate to cover for them if they are unavailable



SOCALGAS' ADDITIONAL COMMITMENTS TO PAG/CBOSG



- » Actively listen and record feedback
- » Address questions, comments, and concerns
- » Review, consider, and/or learn from PAG/CBOSG advice

PAG/CBOSG QUARTERLY MEETING SCHEDULE (TENTATIVE*)

Month	Meeting
March 2023	PAG/CBOSG Meeting #1, virtual
June 2023	PAG/CBOSG Meeting #2, in-person
August 2023	PAG/CBOSG Meeting #3, virtual
November 2023	PAG/CBOSG Meeting #4, in-person
February 2024	PAG/CBOSG Meeting #5, virtual
May 2024	PAG/CBOSG Meeting #6, in-person

**Optional meetings may occur as needed*

CBOSG APPLICATION

- » All organizations interested in being part of the CBOSG are asked to submit an application
- » This is an on-going process and membership is open to new members on an on-going basis; -applications from interested parties will be initially accepted until May 19, 2023; following this date please contact SoCalGas
- » Below are some examples of criteria that may be used when selecting CBOSG members:
 - A mission focused on environmental justice and/or social justice issues is required; focusing efforts within DAC communities is highly preferred
 - Demonstrate a strong and diverse network, including community involvement engagement and previous experience communicating information to their networks
 - Strong roots within the community and hold a reputation of respect and trust within the community residents
 - Established rapport within the community that they represent and demonstrated leadership in their local community members
 - Diversity in membership: community organizations selected will be able to reach their members and various diverse stakeholders to communicate information to and from the residents of the Los Angeles Basin and greater Southern and Central California areas

CBOSG COMPENSATION GUIDELINES



- » SoCalGas coordinates with the CPUC Energy Division and PAG members to develop a plan and set of procedures to compensate CBOSG members per Final Decision
- » SoCalGas is planning to compensate CBOs a \$500* per-diem stipend for their participation at quarterly stakeholder meetings and \$150* for optional meetings

**Final compensation amounts subject to CPUC approval*

- » Individuals applying on behalf of an organization must be authorized to speak on behalf of the entity
- » Meetings need to be attended by the primary or alternate member to receive compensation

CBOSG PAYMENT TIMELINE

- » CBOs will be compensated \$150* for today's optional meeting
- » Lee Andrews Group will process payments to CBOSG
- » Compensation will be issued within seven days after the Quarterly Meeting, scheduled for June 22, 2023, and will be conducted both in-person and virtually
- » Invoice and W-9 forms will be sent to all CBOs prior to June 22 meeting to process payments



**Final compensation amounts subject to CPUC approval*



III. Key Audiences

PLANNING ADVISORY GROUP

- » Representative group
- » Over 40 invitees including all parties to the proceedings
- » One seat and alternate per organization
- » Open to new members



COMMUNITY BASED ORGANIZATION STAKEHOLDER GROUP



- » Instrumental in better understanding of local and community issues
- » Includes:
 - Community Based Organizations (CBO)
 - Environmental Social Justice Groups (ESJ)
 - Disadvantaged Communities (DAC)
- » CBOs will also be represented on the PAG
- » SoCalGas will accept applications on an on-going basis until CBOSG reaches capacity



IV. Communication Methods

COLLATERAL MATERIALS

Materials designed to educate, inform and engage stakeholders regarding the Angeles Link proposed Project will be developed as needed to support the Phase One activities and posted to the Angeles Link website, these may include:

- » Fact Sheet
- » Frequently Asked Questions (FAQ)
- » Glossary of Terms
- » Other Topical Fact Sheets
- » Infographics/Presentation Materials
- » Videos, Illustrations and Photos



COMMUNICATION TOOLS & TECHNIQUES



A variety of methods may be used to both disseminate and gather stakeholder input/feedback including:

- » Angeles Link website
- » PAG/CBOSG meetings
- » Interactive tools & digital engagement
- » Staff correspondence
- » Project email
- » Surveys

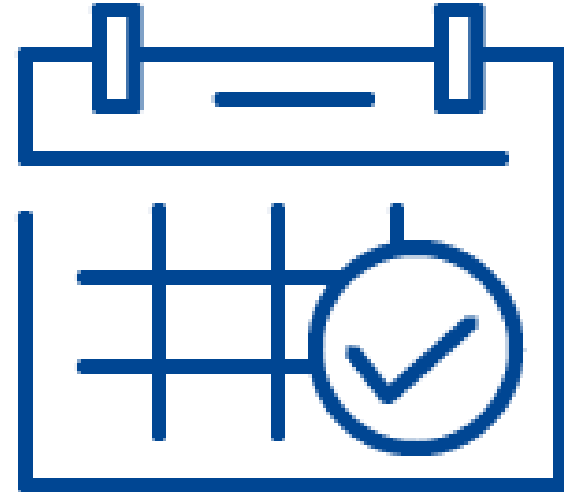


V. Stakeholder Engagement Program



PAG/CBOSG MEETINGS

- » To be held quarterly through July 2024
- » Agendas and supporting materials will be provided one-week prior to the quarterly meetings and 72-hours in advance of optional meetings
- » Meetings will involve presentations by subject matter experts as well as round table discussions and interactive exercises to facilitate dialogue among the PAG/CBOSG
- » Meetings are tentatively planned to alternate between in-person and virtual to accommodate members schedules
 - Webcast option available for in-person meetings



PAG/CBOSG TOPICS FOR DISCUSSION



- » Hydrogen Safety and Design
- » Clean Renewable Hydrogen Production and Market Analysis
- » GHG Emissions, NOx Emissions and H2 Leakage
- » Environmental and Social Justice issues
- » Pipeline Route Analysis
- » Workforce Development and Training
- » Ratepayer Considerations & Budget/Finance
- » Technical Studies Review
- » Development of Communication Materials
- » Supplier Diversity
- » Others?

STAKEHOLDER INPUT

- » Meetings will be transcribed by a court reporter to document all input at the PAG/CBOSG meetings
- » Surveys and interactive exercises are designed as qualitative tools to facilitate meaningful dialogue and understanding of PAG/CBOSG input and feedback
- » PAG/CBOSG members are also able to submit letters, emails and phone calls to SoCalGas Senior Public Affairs Manager, Emily Grant at 714.388.4889 or ALStakeholder@socalgas.com
- » PAG and CBOSG input and other meeting documentation will be incorporated into quarterly progress reports submitted by SoCalGas to the CPUC and submitted to technical consultants for consideration
- » All stakeholder input will be documented and maintained



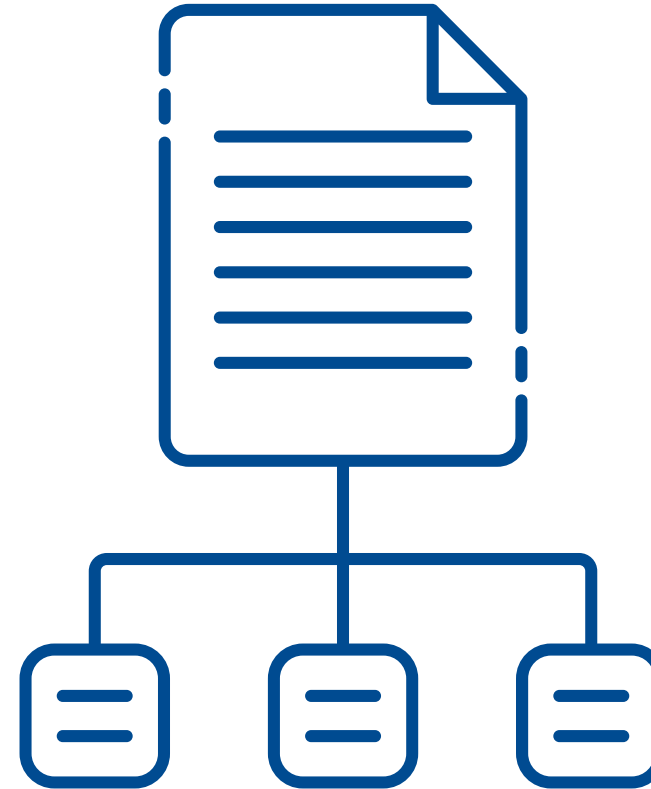


VI. Documentation



STAKEHOLDER ENGAGEMENT DOCUMENTATION

- » Meeting log and calendar of events
- » Stakeholder comment log
- » Meeting summary reports:
 - Topics discussed
 - Photos/screenshots
 - Attendance sheets
 - Project collateral and tools
 - Input/Questions
 - Court reporter transcript
 - Zoom recording
- All input given to SoCalGas and its technical consultants for consideration in their work





Other Engagement Options



OTHER ENGAGEMENT OPTIONS

- » Thematic Quarterly eblast
- » Optional virtual meetings
- » Angeles Link website and collateral materials will be updated by June meetings
- » Other ideas?





CPUC Quarterly Report Status



CPUC QUARTERLY REPORT

- » Q1 Quarterly Report was submitted to CPUC and posted on our website on Tuesday May 9, 2023
- » Stakeholder comments received in Q1 and SoCalGas' responses were included in the Q1 Quarterly Report
- » Comments on the Q1 Quarterly Report received in Q2 will be included in the Q2 Quarterly Report
- » June meeting will discuss timeline and procedures for Q2 comment submittal



Q1 Quarterly Report

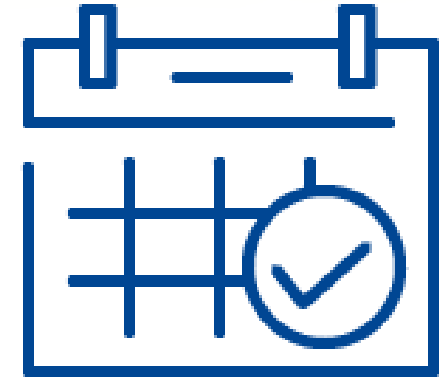


Group Discussion



NEXT STEPS

- » May Meeting Summary Report will be submitted to SoCalGas and PAG/CBOSG members for review
 - Will be incorporated into SoCalGas Q2 Quarterly Report to the CPUC
- » Next meetings will take place in-person and webcast for convenience
 - CBOSG – June 22, 2023
 - PAG – June 28, 2023
- » Applications will be accepted on a rolling basis until the CBOSG reaches capacity, so we encourage you to submit your application soon!



CBOSG Application

Thank you for your participation!

June 22, 2023
10 a.m. - 12 p.m.



A N G E L S L I N K

Community Based Organization Stakeholder Group (CBOSG)

Quarterly Group Meeting #2

Warm welcome to our participants!
We will be starting shortly after 10:00 a.m. to make sure everyone
is present in-person and online.



WELCOME FROM OUR FACILITATORS



ANGELA
LINK



ALMA MARQUEZ

Vice President Gov. Relations
Lee Andrews Group
CBOSG Lead



CHESTER BRITT

Executive Vice President
Arellano Associates
PAG Lead

HOUSEKEEPING:



This meeting will be recorded (video and audio), and a court reporter will be transcribing the meeting. Please announce yourself before you speak.



Zoom microphones are muted by the host to eliminate background noise. You will need to unmute your microphone when called on to speak. *For both in-person and on-line participants please speak directly into the microphone to ensure everyone can hear.*



We encourage you to turn on your cameras so we can better engage with you.



Please feel free to use the Zoom chat to provide input and ask questions throughout the meeting.



If you would like to speak, please use the "Raise Hand" button at the bottom of the Zoom screen.



Wireless microphones will be passed to those speakers attending in person.

AGENDA



- » Continental Breakfast
- » Self-Introductions
- » SoCalGas Welcome & Safety Message
- » Welcome to AltaSea
- » SoCalGas: Schedule & Approach to Phase 1 Studies Feedback
 - » Member Survey
 - » Member Discussion
- » SoCalGas: Project Purpose & Need
 - » Member Discussion
- » Break
- » SoCalGas: Project Alternatives
 - » Member Discussion
- » Next Steps/Upcoming Meetings
- » Adjourn for Lunch & Optional Tour Hosted by AltaSea

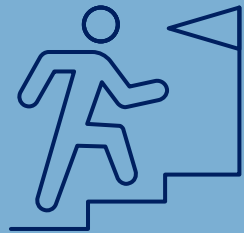
SELF-INTRODUCTIONS

Why are we here?

» Please state your name and the name of your organization



» What do you think makes for a successful stakeholder engagement process?



SOCALGAS SAFETY MESSAGE & WELCOME



ANGELES
LINK



EMILY GRANT

Senior Public Affairs Mgr.



ANDY CARRASCO

Vice President Communication,
Local Government &
Community Affairs

ALTASEA WELCOME

**OUR
FUTURE
IS
BLUE**



ANGELES
LINK



JENNY KRUSOE

Executive Vice President and
COO



SOCALGAS: SCHEDULE & APPROACH TO PHASE 1 STUDY FEEDBACK



ANGELES
LINK



Jill Tracy

Angeles Link
Senior Director
Regulatory & Policy

SCHEDULE & APPROACH: WHY THE URGENCY?

IT STARTS BY MEETING OUR CLIMATE GOALS

Governing Law – SB 32

By 2030, reduce
GHG emissions

40%

below 1990 levels

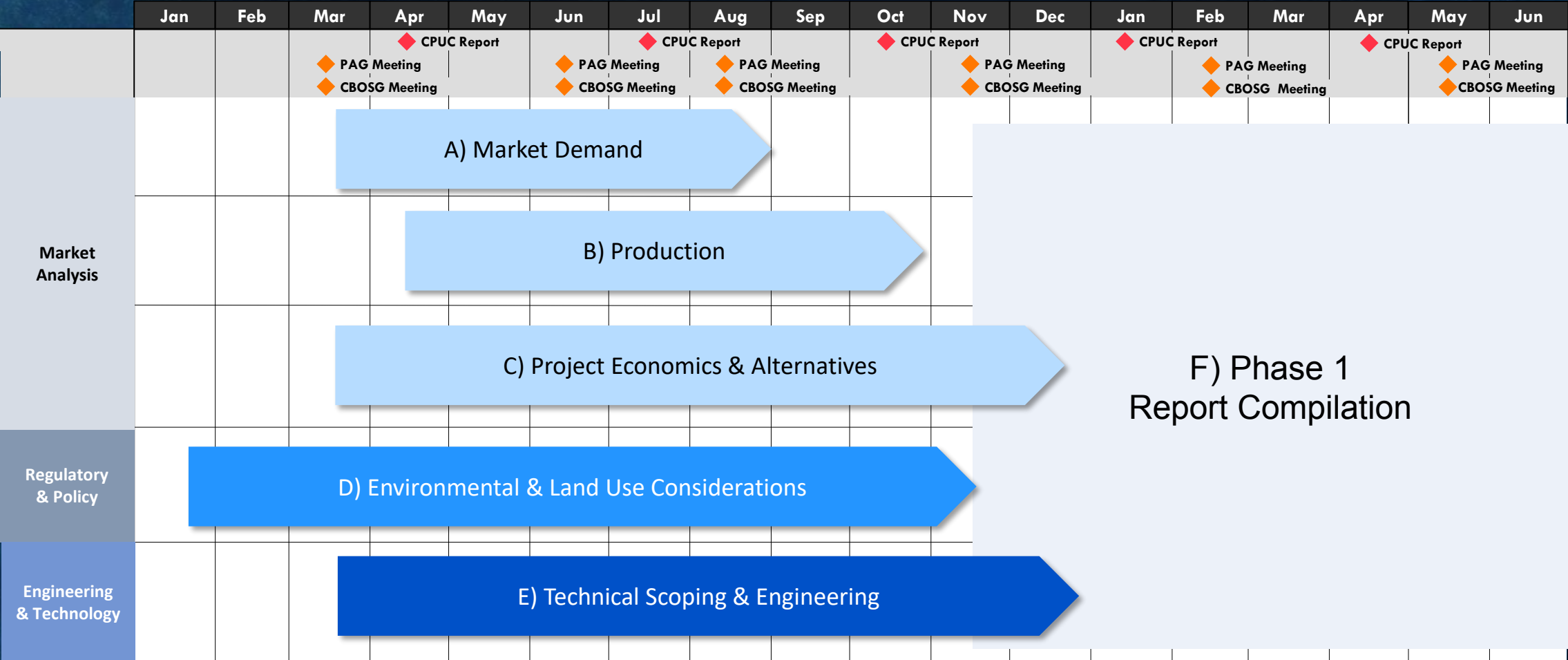
Governing Law – AB1279

By 2045, reduce
GHG emissions


85%

below 1990 levels
(and achieve net zero
GHG emissions)


SCHEDULE & APPROACH: PRELIMINARY HIGH-LEVEL CALENDAR




SCHEDULE & APPROACH: STUDY DESCRIPTIONS

	2023							2024					
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Phase 1 Study Descriptions 	<ul style="list-style-type: none"> ✓ Distribute Purpose and Need Study description ✓ Q2 PAG/CBOSG Meetings: Discuss Purpose and Need, Alternatives ✓ Distribute remaining study descriptions to Stakeholders ✓ Mid July – Additional study description feedback gathering sessions ✓ End of July – PAG/CBOSG Final feedback due on study descriptions 												
Phase 1 Study Final Reports													Issue Final Reports ✓


SCHEDULE & APPROACH: STUDY TECHNICAL APPROACH

	2023							2024					
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Phase 1 Technical Approach 				<ul style="list-style-type: none"> ✓ Distribute Phase 1 Technical Approach Summaries to Stakeholders ✓ Q3 PAG/CBOSG Meetings to Review Phase 1 Study Technical Approach Summaries ✓ Additional Technical Approach Stakeholder Feedback Gathering Sessions ✓ PAG/CBOSG Final Feedback to Technical Approach Summaries Due 									
Phase 1 Study Final Reports												Issue Final Reports ✓	

SCHEDULE & APPROACH: DATA AND PRELIMINARY FINDINGS

2023								2024					
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Phase 1 Data and Preliminary Findings 							<div><div>✔</div><div>Distribute Phase 1 Preliminary Findings/Data received to Stakeholders</div></div> <div><div>✔</div><div>Q4 PAG/CBOSG Meetings to Discuss Preliminary Findings/Data/Feedback</div></div> <div><div>✔</div><div>Additional Preliminary Findings/Data Stakeholder Gathering Sessions Feedback Gathering Session</div></div> <div><div>✔</div><div>PAG/CBO Final feedback due on preliminary finding and data</div></div>						
Phase 1 Study Final Reports												<div>Issue Final Reports ✔</div>	

SCHEDULE & APPROACH: STUDY DRAFT REPORTS

2023								2024					
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Phase 1 Study Draft Reports 										<div><div>✔</div>Distribute Phase 1 Study Draft Reports</div> <div><div>✔</div>Q1 PAG/CBOSG Meetings</div> <div><div>✔</div>Virtual Feedback Gathering session</div> <div><div>✔</div>PAG/CBOSG Final feedback due on draft reports</div>			
Phase 1 Study Final Reports											Issue Final Reports ✔		

MEMBER SURVEY

Please hold while we wait for all participants to join. The activity will begin shortly.

Go to

www.menti.com

Enter the code

3201 3443



Or use QR code



MEMBER DISCUSSION

- Please announce your name and speak directly into the microphone
- Be concise and focus on discussion topics
- Verbal comments are not the only way to provide input, feel free to type a chat
- We are accepting input after this meeting if we run short on time or you think of things later

SOCALGAS: PROJECT PURPOSE & NEED



ANGELES
LINK



NEIL NAVIN

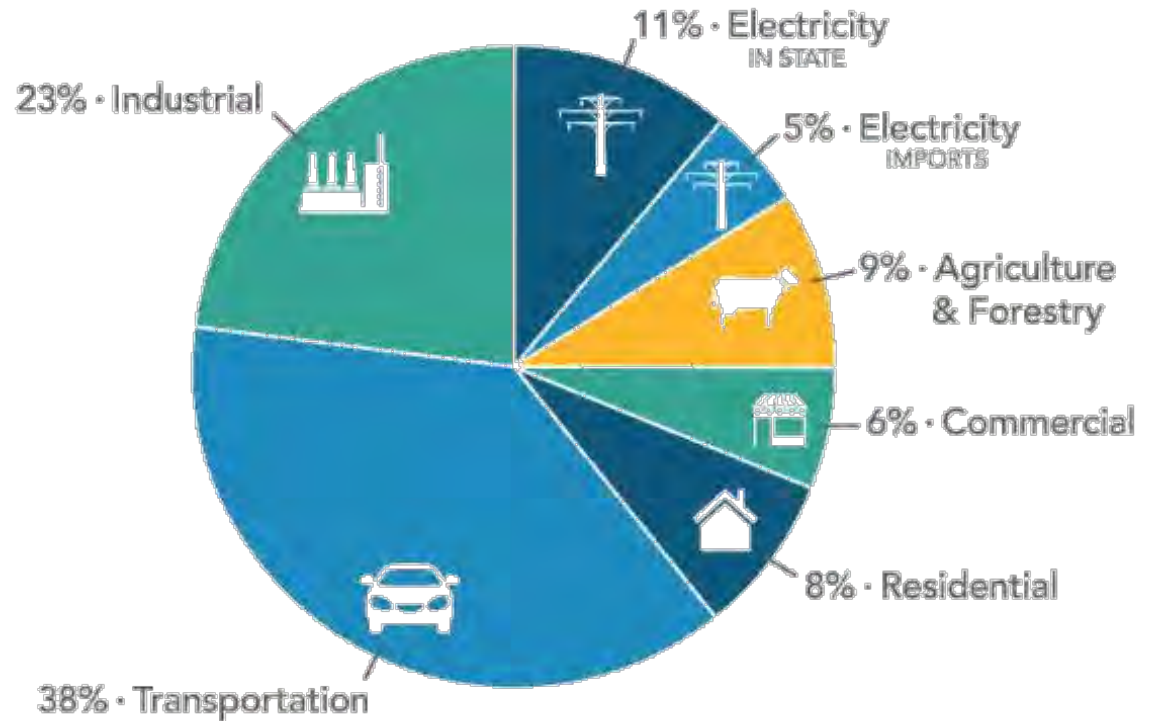
Chief Clean Fuels Officer
SoCalGas

WHY A CLEAN RENEWABLE HYDROGEN TRANSPORTATION SYSTEM?

Angeles Link **could support significant reductions in greenhouse gas emissions from mobility/transportation** (with an emphasis on the heavy-duty sector), **electric generation, commercial and industrial processes, and other hard-to-electrify sectors** of the Southern California economy

For **mobility/transportation sector**, Angeles Link's potential to decrease demand for diesel in the LA Basin could help **accelerate reaching California's and the region's clean air goals**

California Emissions by Sector



369.2 MMT CO₂e
2020 TOTAL CA EMISSIONS

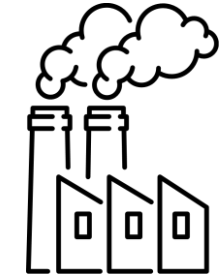
SUMMARY OF PROJECT DESCRIPTION & BACKGROUND

What a clean renewable hydrogen open access transportation system could achieve

» Reduce GHG Emissions and Improve California's Air Quality

» Enhance Energy System Reliability, Resiliency and Flexibility

» Provide Long Duration Clean Renewable Energy Storage



SUMMARY OF PROJECT DESCRIPTION & BACKGROUND

What a clean renewable hydrogen open access transportation system could achieve (cont'd)

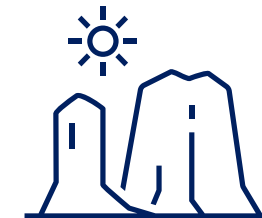
» Provide Cost Effective and Affordable Clean Renewable Hydrogen Transportation



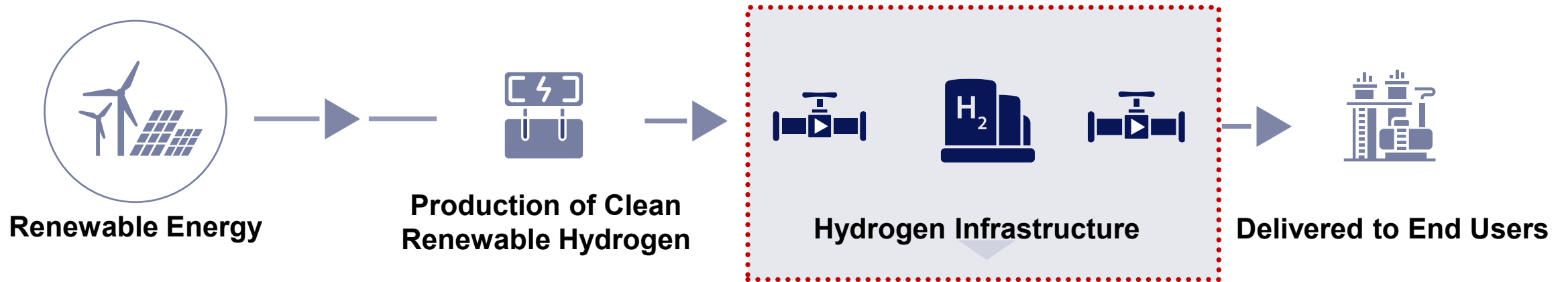
» Deliver Efficient and Safe Clean Renewable Energy



» Help Reduce Natural Gas Served by Aliso Canyon



PROJECT DESCRIPTION



Angeles Link Pipeline System is intended to be dedicated to **public use** and anticipated to consist of **open-access, common carrier** backbone system that may be developed in stages



MEMBER DISCUSSION

- Please announce your name and speak directly into the microphone
- Be concise and focus on discussion topics
- Verbal comments are not the only way to provide input, feel free to type a chat
- We are accepting input after this meeting if we run short on time or you think of things later



BREAK (10 MINUTES)





SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

California Public Utilities Commission (CPUC) Final Decision (D.22-12-055) Requirements

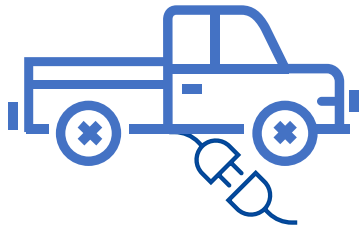
- » **Evaluation of Feasibility of Project Alternatives**
 - » **A Localized Hydrogen Hub Alternative (Ordering Paragraph (OP) 3 (c))**
 - » **Other Decarbonization Alternatives (e.g., Electrification) (OP6 (d))**
- » **Evaluation of Cost of Alternatives (OP 5(e))**
- » **Evaluation of Cost-Effectiveness of Project Against Alternatives (OP6 (d))**
- » **Determining Methodology to Measure Cost -Effectiveness of Alternatives (OP6 (d))**
- » **Consideration and Evaluation of Environmental Impacts of Project Alternatives (OP 5(e))**

SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

Identification & Analysis of Potential Hydrogen Fuel Alternatives

Electrification:

Electrify end uses instead of using hydrogen



Energy

Efficiency:

Customers reducing natural gas consumption



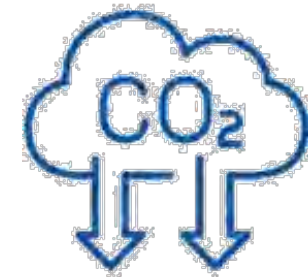
Renewable Natural Gas (RNG):

Methane from dairy, landfills, organic waste instead of hydrogen for power and commercial and industrial sectors



Continued Use of Traditional Fuels with Carbon Management:

E.g., source-capture, ambient/socialized capture (i.e., air, ocean)



SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

Identification & Analysis of Potential Alternative Clean Renewable Hydrogen Delivery Systems & Configurations

Deliver by:

Trucking, train, marine, and/or hybrid of trucking/train or electric transmission of renewable energy sources for hydrogen production in-basin



Alternative Routes or Configurations:

Alternative pipeline phases, segments, and/or configurations, storage locations, and compressor station locations



Localized Hydrogen Hub:

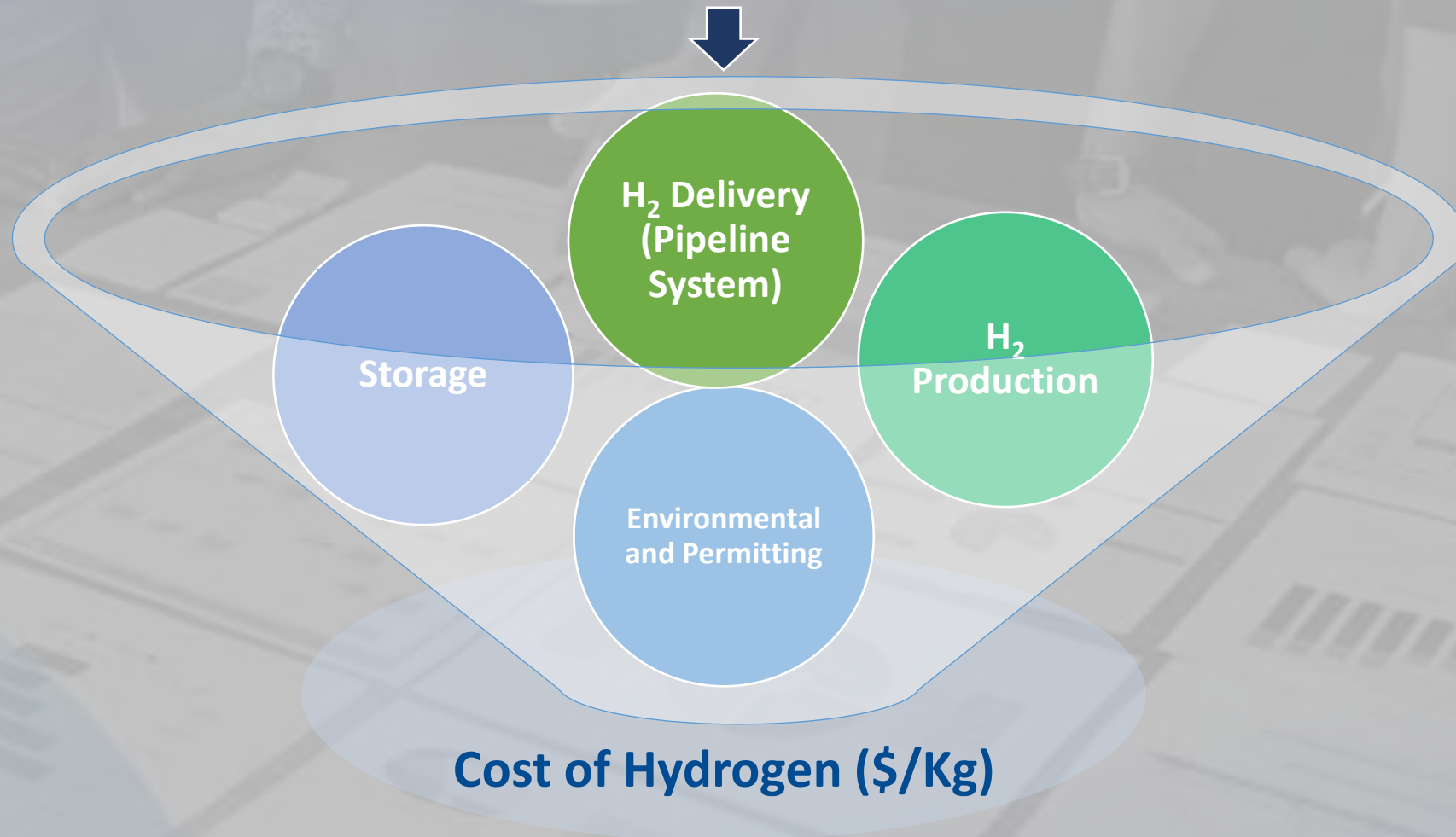
Localized system serving Los Angeles Basin with in-basin production



SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

Cost-Effectiveness Analysis Approach

Key Inputs: Construction, Operation, and Maintenance Costs & Federal and State Incentives (e.g., Tax Credits)



SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

Environmental Impacts Analysis Approach: High-Level Desktop Review

- » Environmental data (e.g., biological resources, cultural and tribal resources, noise, etc.) collection and synthesis, and analysis
- » Permitting review & GIS mapping
- » Environmental justice/disadvantaged communities' analysis
- » Alternatives matrix comparing potential resource impacts of the Project alternatives
- » Recommendations to avoid or minimize impacts



Member Discussion

- Please announce your name and speak directly into the microphone
- Be concise and focus on discussion topics
- Verbal comments are not the only way to provide input, feel free to type a chat
- We are accepting input after this meeting if we run short on time or you think of things later

A white rectangular container with a blue logo consisting of three dots and the text 'H2' followed by 'HYDROGEN ENERGY STORAGE' in blue capital letters.

HYDROGEN
ENERGY
STORAGE



NEXT STEPS AND DISCUSS FUTURE TOPICS

Post Meeting Survey QR Code



**Adjourn for Lunch & Optional Tour
Hosted by AltaSea**

Thank you for your participation!

Please drive safely.

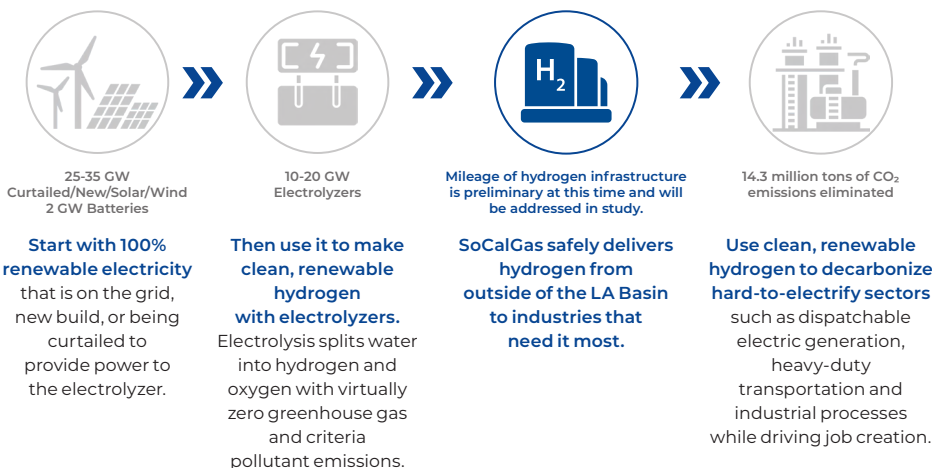


ANGELES LINK

Shaping the Future with Clean, Renewable Hydrogen.

We're proposing to develop what would be the nation's largest clean, renewable hydrogen energy infrastructure system, the *Angeles Link*, to deliver clean, reliable energy to the Los Angeles region. The *Angeles Link* could support the integration of more renewable electricity resources like solar and wind and would significantly reduce greenhouse gas emissions from electric generation, industrial processes, heavy-duty trucks, and other hard-to-electrify sectors of the Southern California economy. The *Angeles Link* could also significantly decrease demand for natural gas, diesel and other fossil fuels in the LA Basin, helping accelerate California's and the region's climate and clean air goals.

How Does It Work?



Why Us?

With existing relationships to thousands of industrial end users, an extraordinary workforce to do the job safely, and a regulatory framework that promotes a transparent and robust stakeholder process serving the public interest, we are well positioned to help California capitalize on this pioneering opportunity to build America's largest clean, renewable hydrogen hub. Angeles Link is a natural extension of SoCalGas' role as an industry leader in hydrogen.

For more information about Angeles Link, visit socalgas.com/angeleslink.

WHAT ARE THE BENEFITS OF ANGELES LINK?

As proposed, the *Angeles Link's* clean, renewable hydrogen could:

- › Displace up to **3 million gallons of diesel fuel per day** by replacing diesel powered heavy-duty trucks with hydrogen fuel cell trucks
- › Eliminate up to **25,000 tons of smog forming NO_x** per year
- › Convert up to **four natural gas power plants** to clean, renewable hydrogen
- › Deliver clean, renewable hydrogen in an amount equivalent to almost **25 percent of the natural gas** SoCalGas delivers today





ANGELES LINK

Frequently Asked Questions

What is clean renewable hydrogen?

Clean renewable hydrogen is produced entirely from renewable electricity and water. It expands our renewable energy storage capabilities, allowing us to reduce emissions in hard-to-electrify sectors by using solar and wind energy that may otherwise be wasted.

What will the clean renewable hydrogen be used for?

The Angeles Link system would be game-changing for the region. As envisioned, the clean renewable hydrogen pipeline system would deliver clean energy in an amount equal to almost 25 percent of the natural gas SoCalGas delivers today, with a focus on serving hard-to-electrify industries – like dispatchable electric generation, high heat industries, and heavy-duty trucks. Allowing Southern California to reliably transition up to four natural gas power plants to run on clean fuel would help bring more solar and wind onto the grid at the same time.

It could also help transition long-haul truck fleets that begin their cross-country journeys right here in Los Angeles County to run on hydrogen fuel cells, preventing up to 3 million gallons of diesel a day from being burned on our streets and freeways, eliminating up to 25,000 tons of NOx pollution each year and 14.3 million metric tons of CO2 from the air annually – the equivalent of taking 3.1 million cars off the road.

Is transporting hydrogen safe?

Yes. SoCalGas is committed to engineering the pipeline system to transport the hydrogen safely and will follow all applicable regulatory requirements to achieve that result.

Why invest in clean renewable hydrogen?

There's a growing consensus among academics, industry leaders, community stakeholders and regulators that solar, wind and batteries alone cannot achieve California's target of carbon neutrality by 2045 – a goal SoCalGas shares for its own operations. Clean renewable hydrogen can play an indispensable role in providing dispatchable energy for hard-to-electrify sectors of the economy, including heavy duty transportation and dispatchable power plants – the big stuff that cannot be plugged in.

Where will the clean renewable hydrogen come from?

We are exploring clean renewable hydrogen supply, including as members of HyDeal, and this would be the subject of a more comprehensive evaluation during the first 12 months of the project. But it's important to know that based on our initial evaluation, we believe that there are numerous third parties interested in the use of and in producing clean renewable hydrogen, including for example both in-state via renewable energy producers and in the Western Region.

How will Angeles Link work?

As envisioned, we plan to start with 100% renewable electricity that is on the grid, being curtailed to provide power or newly built renewables to the electrolyzer. Then we will convert it into clean renewable hydrogen with advanced electrolyzers. Electrolysis splits water into hydrogen and oxygen with virtually zero greenhouse gas and criteria pollutant emissions. We will then use our expertise in energy transport infrastructure to safely deliver hydrogen from outside of the LA Basin to industries that need it most. We can use clean renewable hydrogen to decarbonize hard-to-electrify sectors such as dispatchable electric generation and heavy-duty transportation while driving job creation.

Will Angeles Link use existing pipelines or build new ones?

Due to the volume of hydrogen that we anticipate transporting to serve demand in the Los Angeles Basin, we anticipate that a new clean renewable hydrogen pipeline system will be required to best serve the region.

What are the next steps for Angeles Link and costs identified in the application filed with the CPUC?

The project is divided into three phases. The first phase of the project will be the preliminary front end engineering and design (FEED) scope and feasibility analysis which will take 12-18 months. For more information regarding Phase 2 and Phase 3, please refer to the memo account application on socalgas.com/regulatory/angeleslink.



What is the Quarterly Report?

To increase transparency and gain valuable feedback in its Memorandum Account Application for Angeles Link, SoCalGas proposed to submit interim reports to the CPUC and the public regarding Project status and updates.

How will Angeles Link reduce the need for Aliso Canyon?

The Angeles Link system would be game changing for the region. The clean renewable hydrogen pipeline system, as envisioned, would deliver clean energy in an amount equal to almost 25 percent of the natural gas SoCalGas delivers today. Clean alternative fuel like clean renewable hydrogen would, over time, reduce demand served by Aliso Canyon, facilitating its ultimate retirement in a manner that still provides reliable and affordable energy to our customers.

Where does Angeles Link fit in with SoCalGas' sustainability plan?

Angeles Link is a part of our effort to achieve net zero greenhouse gas emissions in operations and delivery by 2045 as outlined in our ASPIRE 2045 climate commitment. Net zero means reducing the transport of traditional natural gas, while increasing the delivery of decarbonized gases (such as renewable natural gas and hydrogen). Since Angeles Link plans to use clean renewable hydrogen, the project is a natural fit and step in the direction of reaching our goals.

More Information

For more information and regular updates about Angeles Link, visit: socalgas.com/sustainability/hydrogen/angeles-link



Angeles Link

Introduction to Second Quarterly Meeting

SoCalGas is undertaking a series of studies in compliance with the California Public Utilities Commission's (CPUC) Decision Approving the Angeles Link Memorandum Account to Record Phase One Costs (Decision 22-12-055) (Decision).

SoCalGas will be providing a description of work for each feasibility study being conducted under Phase One of the Angeles Link Project (Project) to both Planning Advisory Group (PAG) and Community Based Organization Stakeholder Group (CBOSG) members for feedback and insights. SoCalGas views the work being conducted for each of the studies as part of an iterative process, and will seek feedback from the PAG, CBOSG, and other stakeholders as the work progresses. The work will be modified and adapted as feedback is received and additional information is generated, as appropriate.

Study descriptions will be categorized by three workstreams: Market Assessment & Alternatives, Engineering Design, and Regulatory, Policy & Environmental.

There are a total of 16 studies being performed by SoCalGas. This document contains the description for 1 out of the 16 studies: Project Options and Alternatives.

The remaining study descriptions will be provided to both PAG and CBOSG members in the upcoming weeks and no later than two weeks before meetings in mid-July, 2023 where we will be reviewing these additional study descriptions. The approach, process, and timeline for providing comments will be presented during our second quarterly meeting.

Angeles Link Project Options and Alternatives Description of Work

Overview

The Decision provides for (OP 6 (d)) SoCalGas to consider and evaluate Project alternatives, including a localized hydrogen hub or other decarbonization options such as electrification. SoCalGas is also required (OP 3 (c)) to study a localized hydrogen hub solution under the specifications required to be eligible for federal funding as part of Phase One. This study will evaluate Project options and alternatives, including a localized hydrogen hub.

Introduction

The Angeles Link system is intended to be dedicated to public use and is anticipated to consist of one or more high-pressure, open-access, common carrier trunk transmission pipelines, distribution pipelines, and appurtenances, including compressor stations. The system will transport clean renewable hydrogen, likely from multiple local and longer term regional clean hydrogen production sources to various delivery points in the Los Angeles Basin (including the concentrated commercial and industrial area in and around the Ports of Los Angeles and Long Beach), and in the broader Southern and Central California region (project area). The system may also include pipeline delivery of clean renewable hydrogen from third-party storage facilities. The Angeles Link pipeline system may potentially be developed in stages to meet demand needs.

Angeles Link is intended to fulfill several underlying purposes, including the following:

1. To support the State of California's decarbonization goals, including the California Air Resources Board's (CARB) 2022 Scoping Plan for Achieving Net Neutrality, which identifies the scaling up of renewable hydrogen for the hard-to-electrify sectors as playing a key role in the State achieving carbon neutrality by 2045 or earlier.¹
2. To support the State of California's decarbonization goals in the mobility sector, including the Governor's Executive Order N-79-20², which seeks to accelerate the deployment of zero-emission vehicles; CARB's implementation of the Advanced Clean Fleets regulation, which is a strategy to deploy medium- and heavy-duty zero-emission vehicles;³ as well as the implementation of the March 15, 2021 Advanced Clean Truck regulation,⁴ which aims to accelerate a large-scale transition of zero-emission medium-and heavy-duty vehicles.
3. To optimize service to all potential end-users in the project area by operating an open access, common carrier clean renewable hydrogen transportation system dedicated to public use.
4. To support improving California's air quality by displacing fossils fuel for certain hard-to-electrify uses, including the mobility sector.

¹ California Air Resources Board's 2022 Scoping Plan for Achieving Carbon Neutrality (November 16, 2022), at pp. 9-10, available at <https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp.pdf>.

² <https://www.gov.ca.gov/wp-content/uploads/2020/09/9.23.20-EO-N-79-20-Climate.pdf>.

³ [Advanced Clean Fleets Regulation Summary | California Air Resources Board](#).

⁴ [Advanced Clean Trucks Regulation | California Air Resources Board](#).

5. To enhance energy system reliability, resiliency, and flexibility as California industries transition fuel usage to achieve the State's decarbonization goals.
6. To enable long duration clean energy storage that can further accelerate renewable development and minimize grid curtailments.
7. To provide a cost effective and affordable open access clean renewable hydrogen transportation system at just and reasonable rates.
8. To provide efficient and safe clean renewable energy transportation in support of the State's decarbonization goals.
9. Over time and combined with other current and future clean energy projects and reliability efforts, to help reduce natural gas use served by the Aliso Canyon natural gas storage facility, facilitating its ultimate retirement, while continuing to provide reliable and affordable energy service to the region.

Description of Work

[Angeles Link – Phase One Analysis of Project Alternatives⁵](#)

The Decision requires an evaluation of Project alternatives, including a localized hydrogen hub or other decarbonization options such as electrification (Project Alternatives), as well as an evaluation of costs and environmental impacts of these alternatives.⁶ Some of these alternatives may not be feasible and/or may not meet the purpose and need of the Angeles Link Project. These Project Alternatives may include the following:

- Electrification - Customers switching to direct electrification instead of hydrogen in the:
 - Mobility sector (light duty and heavy duty)
 - Power sector (renewable/batteries and clean distributed energy resources (DER))
 - Commercial and Industrial sectors
- Energy efficiency - Customers reducing natural gas consumption in the:
 - Mobility sector (displacing diesel/gasoline)
 - Power sector (reducing natural gas usage due to efficiency in turbines; reducing electron needs due to efficiency in electric equipment)
 - Commercial and Industrial sectors (reducing natural gas usage due to efficiency in commercial and industrial equipment)
- Renewable natural gas (RNG) – Customers using RNG instead of hydrogen for power and commercial and industrial sectors

⁵ SoCalGas proposed to record activities that are divided into three phases of costs. Phase One was proposed to include “preliminary engineering, design, and environmental studies to study supply, demand, possible end users, pipeline configuration and storage solutions and to analyze project alternatives.” Phase Two was proposed to include “a front-end engineering and design (‘FEED’) study, including design, engineering, and environmental studies or the preferred pipeline system.” Phase Three was proposed to include “development of a formal application for a certificate of public convenience and necessary (CPCN) for the potential Project, and preparation of necessary permit applications.” Final Decision (D.22-12-055), p.4.

⁶ The Final Decision provides that SoCalGas must “...consider and evaluate Project alternatives, including a localized hydrogen hub or other decarbonization options such as electrification, their costs and their environmental impacts.” Final Decision D.22-12-055, Ordering Paragraph 5(e).

- Continued use of traditional fuels with carbon management (e.g., source-capture, ambient/socialized capture (i.e., air, ocean))
- Alternatives to Hydrogen Pipeline Delivery
 - Trucking, train, marine, and/or hybrid of trucking/train
 - Electric transmission of renewable energy sources for hydrogen production in-basin
- A localized hydrogen hub
- Alternative routes and/or configurations of the entire Angeles Link system, each of which should include a segment that would serve demand in the Los Angeles Basin. These alternative configurations could include:
 - Alternative pipeline phases, segments, and/or configurations
 - Alternative storage locations
 - Alternative locations for the compressor stations

Cost-Effectiveness Analysis

The Decision requires an evaluation of the cost-effectiveness of the Project against alternatives and determining the methodology to measure cost effectiveness between the alternatives. This analysis will be part of the High-Level Economic Analysis & Cost Effectiveness Study. The cost-effectiveness analysis will: (1) calculate the levelized delivered cost (reasonable range in \$/kg) of clean renewable hydrogen (LCOH), (2) determine a cost-effectiveness methodology, and (3) compare the Project's cost-effectiveness to Project Alternatives.

This analysis will use inputs from other Angeles Link studies, including:

1. Hydrogen production capital and operation expenditures (capex and opex) estimates
2. Hydrogen delivery (pipeline system) capex and opex estimates
3. Environmental and permitting costs estimates
4. LCOH, which would consider use-cases from demand studies that account for electrification adoption potential in the demand sectors

Analysis Outputs and Deliverables

1. Comprehensive economic evaluation of construction capital costs, operations and maintenance costs, and other factors including the asset life, tax credits (e.g., IRA), incentives (e.g., IJIA, etc.), and other potential federal and state initiatives. The levelized delivered cost (reasonable range in \$/kg) of clean renewable hydrogen should be broken out by components (i.e., capital and operating costs for the following: production, transportation, compression, and storage). A methodology to evaluate the cost effectiveness of Project Alternatives A levelized delivered cost comparison of hydrogen pipeline systems compared to other decarbonization pathways and methods of delivery A written report and supporting economic model

Environmental Considerations of Project Alternatives

The Decision requires consideration and evaluation of the Project Alternatives' environmental impacts. This analysis will be part of the Environmental & Environmental Social Justice Analysis Study. The broader Environmental & Environmental Social Justice Analysis will include a high-level desktop review and analysis of the potential environmental impacts of Project alternatives, including analysis of the potential environmental impacts of pipeline configurations and related aboveground facility alternatives, as well as a review and analysis of other decarbonization alternatives. The analysis will consist of

environmental data (e.g., biological resources, cultural and tribal resources, noise, etc.) collection and synthesis, data review and analysis, fatal flaw analysis, and GIS mapping and environmental justice/disadvantaged communities' analysis as described in further detail in the Environmental & Environmental Social Justice Analysis Workstream Description. As part of this analysis, an alternatives matrix will compare potential resource impacts of the Project Alternatives. The report will also include recommendations to avoid or minimize impacts (if warranted).

Term	Definition
Alliances for Renewable Clean Hydrogen Energy Systems (ARCHES)	California’s public-private hydrogen hub consortium to accelerate the development and deployment of clean, renewable energy sources to reduce greenhouse gas emissions and advance to a zero-carbon economy.
Alternatives	An Alternative is a route, process, or system that is different from the Angeles Link system as proposed and is being considered as an alternative to the Project (e.g., an alternate route, electrification as a decarbonization solution).
Angeles Link Project	The Angeles Link system is intended to be dedicated to public use and is anticipated to consist of one or more high-pressure, open-access, common carrier trunk transmission pipelines, distribution pipelines, and appurtenances, including compressor stations. The system will transport clean renewable hydrogen, likely from multiple local and longer term regional clean hydrogen production sources to various delivery points in the Los Angeles Basin (including the concentrated commercial and industrial area in and around the Ports of Los Angeles and Long Beach), and in the broader Southern and Central California region (project area). The system may also include pipeline delivery of clean renewable hydrogen from third-party storage facilities. The Angeles Link pipeline system may potentially be developed in stages to meet demand needs.
Angeles Link Quarterly Report (QR)	The Decision requires SoCalGas to submit Quarterly Reports to the Commission’s Deputy Executive Director for Energy and Climate Policy on the progress of the Phase One feasibility studies and the Project and to report any preliminary results and findings.
Biogas	Biogas is an energy-rich gas produced by anaerobic decomposition or thermochemical conversion of biomass (renewable organic material that comes from plants and animals). Biogas is composed mostly of methane (CH ₄), the same compound in natural gas, and carbon dioxide (CO ₂). The methane content of raw (untreated) biogas may vary from 40%–60%, with CO ₂ making up most of the remainder along with small amounts of water vapor and other gases. Biogas can be burned directly as a fuel or treated to remove the CO ₂ and other gases for use just like natural gas. Treated biogas may be called renewable natural gas or biomethane.
California Public Utilities Commission (CPUC)	California Public Utilities Commission (CPUC) is a regulatory agency responsible for overseeing and regulating public utilities in the state of California. The CPUC authorized SoCalGas to track costs in a memorandum account associated with the performance of Phase One feasibility studies for the Angeles Link Project via a decision they adopted on December 15, 2022. (See memorandum account definition below).

Term	Definition
California Air Resources Board (CARB)	The California Air Resource Board is charged with protecting the public from the harmful effects of air pollution and developing programs and actions to fight climate change. From requirements for clean cars and fuels to adopting innovative solutions to reduce greenhouse gas emissions and other air emissions, California has pioneered a range of effective approaches that have set the standard for effective air and climate programs for the nation, and the world.
Carbon Sequestration	Carbon sequestration is the process of capturing and storing atmospheric carbon dioxide. It is one method of reducing the amount of carbon dioxide in the atmosphere with the goal of reducing global climate change.
Carbon-neutrality	Carbon neutrality is a state of net zero carbon dioxide emissions. This can be achieved by reducing emissions, most of which come from the burning of fossil fuels, and by removing carbon dioxide from the atmosphere. The term is often used in the context of carbon dioxide-releasing processes associated with transport, energy production, agriculture, and industry.
Carbon Capture, Utilization and Storage (CCUS)	Carbon capture, utilization and storage (CCUS), also referred to as carbon capture, utilization and sequestration, is a process that captures carbon dioxide emissions from sources like coal-fired power plants and either reuses or stores it so it will not enter the atmosphere. Carbon dioxide storage in geologic formations can include oil and gas reservoirs, unmineable coal seams and deep saline reservoirs -- structures that have stored crude oil, natural gas, brine and carbon dioxide over millions of years.
California Energy Commission (CEC)	The California Energy Commission is the state's primary energy policy and planning agency. The Energy Commission is committed to reducing energy costs and environmental impacts of energy use while ensuring a safe, resilient, and reliable supply of energy.
California Environmental Quality Act (CEQA)	The California Environmental Quality Act (CEQA) generally requires state and local government agencies to inform decision makers and the public about the potential environmental impacts of proposed projects, and to reduce those environmental impacts to the extent feasible.
Community-Based Organization Stakeholder Group (CBOSG)	Organizations that advocate for environmental justice and/or social justice and represent and serve disadvantaged communities that could be impacted by the Angeles Link project.
Decarbonization	The reduction or elimination of carbon dioxide emissions from a process such as manufacturing or the production of energy or in the environment.

Term	Definition
Disadvantaged communities (DAC)	A disadvantaged community refers to the areas throughout California which suffer the most from a combination of economic, social, health, and environmental burdens. These burdens can include poverty, historic disenfranchisement, high unemployment, air and water pollution, presence of hazardous wastes as well as high incidence of asthma and heart disease.
Electrolyzers	Electrolysis is the process of using electricity to split water into hydrogen and oxygen. This reaction takes place in a unit called an electrolyzer. Electrolyzers can range in size from small, appliance-size equipment that is well-suited for small-scale distributed hydrogen production to large-scale, central production facilities that could be tied directly to renewable or other non-greenhouse-gas-emitting forms of electricity production.
Environmental and Social Justice (ESJ) Action Plan	A plan developed by the CPUC that serves as both a commitment to furthering ESJ principles, as well as an operating framework with which to integrate ESJ considerations throughout an agency's work.
Final Decision	The CPUC decision, adopted on December 15, 2022, that authorized SoCalGas to track costs in a memorandum account for the performance of Phase One feasibility studies for the Angeles Link Project.
Green hydrogen (also referred to as clean renewable hydrogen)	Clean renewable hydrogen is produced entirely from renewable electricity and water. It expands our renewable energy storage capabilities, allowing us to reduce emissions in hard-to-electrify sectors by using solar and wind energy to split the hydrogen and oxygen atom to create hydrogen.
Greenhouse gas (GHG) Emissions	Greenhouse gases, such as carbon dioxide, methane, nitrous oxide, and certain synthetic chemicals, trap some of the Earth's outgoing energy, thus retaining heat in the atmosphere. This heat trapping causes changes in the radiative balance of the Earth—the balance between energy received from the sun and emitted from Earth—that alter climate and weather patterns at global and regional scales.
Hydrogen Fuel Cells	A fuel cell uses the chemical energy of hydrogen or other fuels to cleanly and efficiently produce electricity. If hydrogen is the fuel, the only products are electricity, water, and heat. Fuel cells are unique in terms of the variety of their potential applications; they can use a wide range of fuels and feedstocks and can provide power for systems as large as a utility power station and as small as a laptop computer.
Memorandum Account (Memo Account)	An accounting device that, after approval by the CPUC, may be used by a utility to record various expenses it incurs.

Term	Definition
Microgrid	A microgrid is a small-scale electricity network connecting consumers to an electricity supply. A microgrid can stand on its own or can be connected to the larger grid but have the capability of keeping electricity flowing in the case of a power outage.
National Environmental Policy Act (NEPA)	The National Environmental Policy Act (NEPA), signed into law on January 1, 1970, requires federal agencies to assess the environmental effects of their proposed actions prior to making decisions.
Nitric Oxide and Nitrogen Dioxide (NOx)	Refers to both nitric oxide (NO) and nitrogen dioxide (NO ₂)(collectively NO _x), where NO _x is a main constituent in the formation of ground-level ozone which causes severe respiratory problems.
Planning Advisory Group (PAG)	Proposed by SoCalGas as part of Angeles Link Phase 1, the PAG was established for the purpose of providing input to SoCalGas, on an advisory basis, regarding hydrogen market information and technical aspects of Project design and development.
Public Safety Power Shutoffs (PSPS)	Temporary power shutoffs to specific areas to reduce the risk of fires caused by electric infrastructure.
Renewable Energy	Energy produced from renewable sources like the sun and wind, and used in power generation, space and water heating and cooling, and transportation.
Renewable Natural Gas (RNG)	A biogas derived from a variety of sources, including municipal solid waste landfills, digesters at water resource recovery facilities (wastewater treatment plants), livestock farms, food production facilities and organic waste management operations that has been upgraded for use in place of fossil natural gas.
South Coast Air Quality Management District (SCAQMD)	South Coast Air Quality Management District is the regulatory agency responsible for regulating and improving air quality for large areas of Los Angeles, Orange, Riverside and San Bernardino counties, including the Coachella Valley.
Synthetic Natural Gas (SNG)	Synthetic natural gas (SNG) is produced from carbon-rich fuel sources including hydrogen and can be substituted for natural gas.

**APPENDIX 3 – PUBLIC
ADVISORY GROUP
MEETING MATERIALS**

May 18, 2023
1 – 2 p.m.



PLANNING ADVISORY GROUP

Stakeholder Engagement Plan Webinar

Thank you for joining the PAG webinar, we will be starting shortly after 1 p.m. to make sure everyone is online.



ZOOM MEETING POINTERS



This meeting will be recorded (video and audio), and a court reporter will be transcribing the meeting; translation will be available for the CBOSG meeting and upon request for PAG



Microphones are muted by the host to eliminate background noise



We encourage you to **turn on your cameras** so we can better engage with you



Please feel free to **use the Zoom chat** to provide input and ask questions throughout the agenda, chat function will remain available during the meeting



To **notify the host you would like to speak**, please use the "Raise Hand" button at the bottom of the screen or use the Zoom chat feature to type a comment

AGENDA

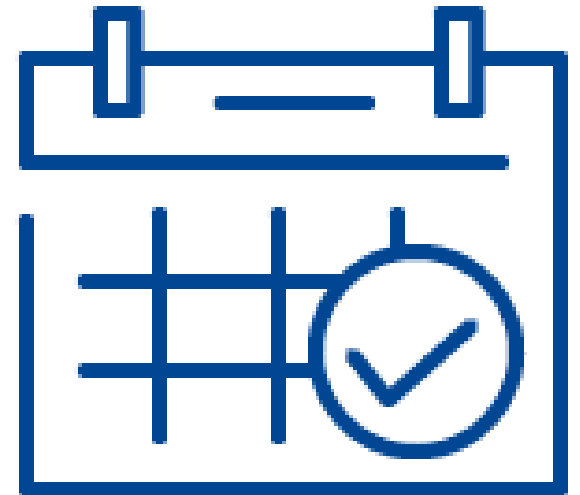


- » Welcome & Introduction
- » Stakeholder Engagement Plan (SEP)
 - Introduction
 - Stakeholder Governance
 - Key Audiences
 - Communication Methods
 - Stakeholder Engagement Program
 - Documentation
- » Other Engagement Options
- » CPUC Quarterly Report Status
- » Group Discussion
- » Next Steps

A LOOK AHEAD

June Quarterly Meeting possible agenda topics include:

- Overview of scopes of work for various studies to be presented by subject matter experts
- Hydrogen safety
- Collaboration on a systematic approach to submit comments on Quarterly Report
- Additional ideas are welcome! Please submit to SoCalGas or stakeholder leads



WELCOME & INTRODUCTION



ANGELES
LINK



EMILY GRANT

Senior Public Affairs Mgr.
SoCalGas



CHESTER BRITT

Executive Vice President
Arellano Associates
PAG Lead



ALMA MARQUEZ

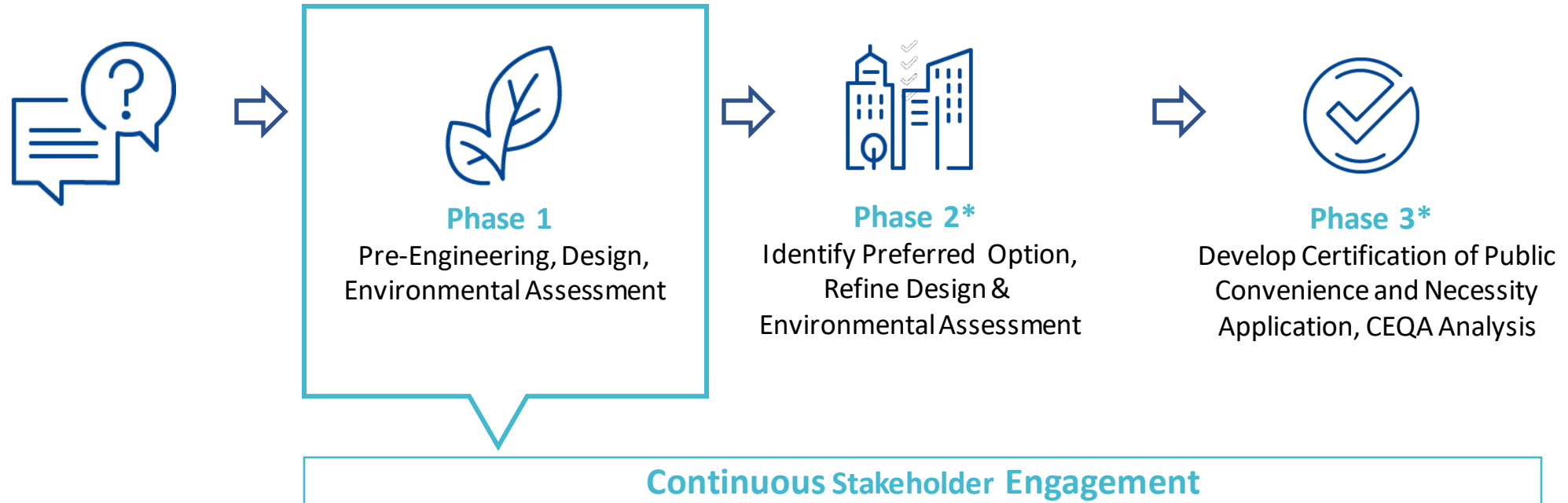
Vice President Gov. Relations
Lee Andrews Group
CBOSG Lead



I. Introduction

STAKEHOLDER ENGAGEMENT PLAN (SEP)

Angeles Link project planning is proposed into **three phases**:



- » Blueprint for how stakeholder engagement will be conducted throughout the Angeles Link Phase One activities
- » Outlines communication tools and techniques needed for stakeholder education, information and input in support of the technical studies process
- » Flexible to address unforeseen needs or challenges as presented by the technical work or PAG and CBOSG input

** Phases 2 and 3 subject to California Public Utilities Commission (CPUC) approval*

STAKEHOLDER ENGAGEMENT PLAN (SEP), CONT.

» Consistent with stakeholder engagement requirements outlined in the Final Decision:

1. Complies with the Project-specific standards and stakeholder engagement activities described in the Final decision.
2. Identifies how SoCalGas' planning process will gather and address stakeholder input.
3. Facilitates meaningful participation and input from a broad range of stakeholders on Phase One activities.
4. Facilitates Project planning transparency via data sharing and analyses from Phase One technical study activities.





II. Stakeholder Governance



SOCALGAS ROLE



- » Identify potential members for the PAG and CBOSG
- » Convene and facilitate content for quarterly and optional meetings, including input documentation
- » Make available technical studies and data to PAG and CBOSG
- » Facilitate transparent and proactive outreach to all levels of stakeholders
- » Coordinate with CPUC Energy Division
- » Comply with Final Decision

PAG & CBOSG ROLE



PAG Role

- » Provide technical input on an advisory basis and collaborate on Project design and development
- » Represent stakeholders, covering a broad array of interests and expertise

CBOSG Role

- » Represent interests of:
 - Community Based Organizations (CBO)
 - Environmental Social Justice Groups (ESJ)
 - Disadvantaged Communities (DAC)
 - Church and School Groups
- » Advance the needs of local communities, including access to resources, education and community news

PAG/CBOSG GUIDING PRINCIPLES



- » Participation will be founded on openness, transparency, communication and accountability to its members
- » Transparency requires dialogue and participation in a collaborative process
- » Recognize that an equitable process is integral to developing equitable energy solutions
- » The PAG/CBOSG are advisory bodies

PAG/CBOSG/SOCALGAS ENGAGEMENT GUIDELINES

- » Actively participate in the review of materials and discussion
- » Communicate openly, be curious, and good listeners of other's opinions and positions
- » Refrain from any form of personal attacks or use of profanity
- » Respect the role of the facilitator as a professional committed to keeping meeting productive and on track
- » Prioritize their involvement to maximize the benefit of all participants
- » Respect time limits for agenda items and plan to stay for the entire meeting
- » Designate an alternate to cover for them if they are unavailable



SOCALGAS' ADDITIONAL COMMITMENTS TO PAG/CBOSG



- » Actively listen and record feedback
- » Address questions, comments, and concerns
- » Review, consider, and/or learn from PAG/CBOSG advice

PAG/CBOSG QUARTERLY MEETING SCHEDULE (TENTATIVE*)

Month	Meeting
March 2023	PAG/CBOSG Meeting #1, virtual
June 2023	PAG/CBOSG Meeting #2, in-person
August 2023	PAG/CBOSG Meeting #3, virtual
November 2023	PAG/CBOSG Meeting #4, in-person
February 2024	PAG/CBOSG Meeting #5, virtual
May 2024	PAG/CBOSG Meeting #6, in-person

**Optional meetings may occur as needed*

CBOSG APPLICATION

- » All organizations interested in being part of the CBOSG are asked to submit an application
- » This is an on-going process and membership is open to new members on an on-going basis; -applications from interested parties will be initially accepted until May 19, 2023; following this date please contact SoCalGas
- » Below are some examples of criteria that may be used when selecting CBOSG members:
 - A mission focused on environmental justice and/or social justice issues is required; focusing efforts within DAC communities is highly preferred
 - Demonstrate a strong and diverse network, including community involvement engagement and previous experience communicating information to their networks
 - Strong roots within the community and hold a reputation of respect and trust within the community residents
 - Established rapport within the community that they represent and demonstrated leadership in their local community members
 - Diversity in membership: community organizations selected will be able to reach their members and various diverse stakeholders to communicate information to and from the residents of the Los Angeles Basin and greater Southern and Central California areas

CBOSG COMPENSATION GUIDELINES



- » SoCalGas coordinates with the CPUC Energy Division and PAG members to develop a plan and set of procedures to compensate CBOSG members per Final Decision
- » SoCalGas is planning to compensate CBOs a \$500* per-diem stipend for their participation at quarterly stakeholder meetings and \$150* for optional meetings

**Final compensation amounts subject to CPUC approval*

- » Individuals applying on behalf of an organization must be authorized to speak on behalf of the entity
- » Meetings need to be attended by the primary or alternate member to receive compensation

CBOSG PAYMENT TIMELINE

- » CBOs will be compensated \$150* for today's optional meeting
- » Lee Andrews Group will process payments to CBOSG
- » Compensation will be issued within seven days after the Quarterly Meeting, scheduled for June 22, 2023, and will be conducted both in-person and virtually
- » Invoice and W-9 forms will be sent to all CBOs prior to June 22 meeting to process payments



**Final compensation amounts subject to CPUC approval*



III. Key Audiences

PLANNING ADVISORY GROUP

- » Representative group
- » Over 40 invitees including all parties to the proceedings
- » One seat and alternate per organization
- » Open to new members



COMMUNITY BASED ORGANIZATION STAKEHOLDER GROUP



- » Instrumental in better understanding of local and community issues
- » Includes:
 - Community Based Organizations (CBO)
 - Environmental Social Justice Groups (ESJ)
 - Disadvantaged Communities (DAC)
- » CBOs will also be represented on the PAG
- » SoCalGas will accept applications on an on-going basis until CBOSG reaches capacity



IV. Communication Methods

COLLATERAL MATERIALS

Materials designed to educate, inform and engage stakeholders regarding the Angeles Link proposed Project will be developed as needed to support the Phase One activities and posted to the Angeles Link website, these may include:

- » Fact Sheet
- » Frequently Asked Questions (FAQ)
- » Glossary of Terms
- » Other Topical Fact Sheets
- » Infographics/Presentation Materials
- » Videos, Illustrations and Photos



COMMUNICATION TOOLS & TECHNIQUES



A variety of methods may be used to both disseminate and gather stakeholder input/feedback including:

- » Angeles Link website
- » PAG/CBOSG meetings
- » Interactive tools & digital engagement
- » Staff correspondence
- » Project email
- » Surveys

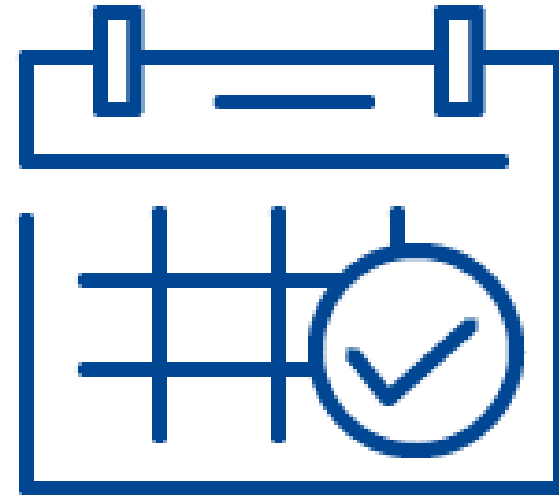


V. Stakeholder Engagement Program



PAG/CBOSG MEETINGS

- » To be held quarterly through July 2024
- » Agendas and supporting materials will be provided one-week prior to the quarterly meetings and 72-hours in advance of optional meetings
- » Meetings will involve presentations by subject matter experts as well as round table discussions and interactive exercises to facilitate dialogue among the PAG/CBOSG
- » Meetings are tentatively planned to alternate between in-person and virtual to accommodate members schedules
 - Webcast option available for in-person meetings



PAG/CBOSG TOPICS FOR DISCUSSION



- » Hydrogen Safety and Design
- » Clean Renewable Hydrogen Production and Market Analysis
- » GHG Emissions, NOx Emissions and H2 Leakage
- » Environmental and Social Justice issues
- » Pipeline Route Analysis
- » Workforce Development and Training
- » Ratepayer Considerations & Budget/Finance
- » Technical Studies Review
- » Development of Communication Materials
- » Supplier Diversity
- » Others?

STAKEHOLDER INPUT

- » Meetings will be transcribed by a court reporter to document all input at the PAG/CBOSG meetings
- » Surveys and interactive exercises are designed as qualitative tools to facilitate meaningful dialogue and understanding of PAG/CBOSG input and feedback
- » PAG/CBOSG members are also able to submit letters, emails and phone calls to SoCalGas Senior Public Affairs Manager, Emily Grant at 714.388.4889 or ALPAG@socalgas.com
- » PAG and CBOSG input and other meeting documentation will be incorporated into quarterly progress reports submitted by SoCalGas to the CPUC and submitted to technical consultants for consideration
- » All stakeholder input will be documented and maintained





VI. Documentation

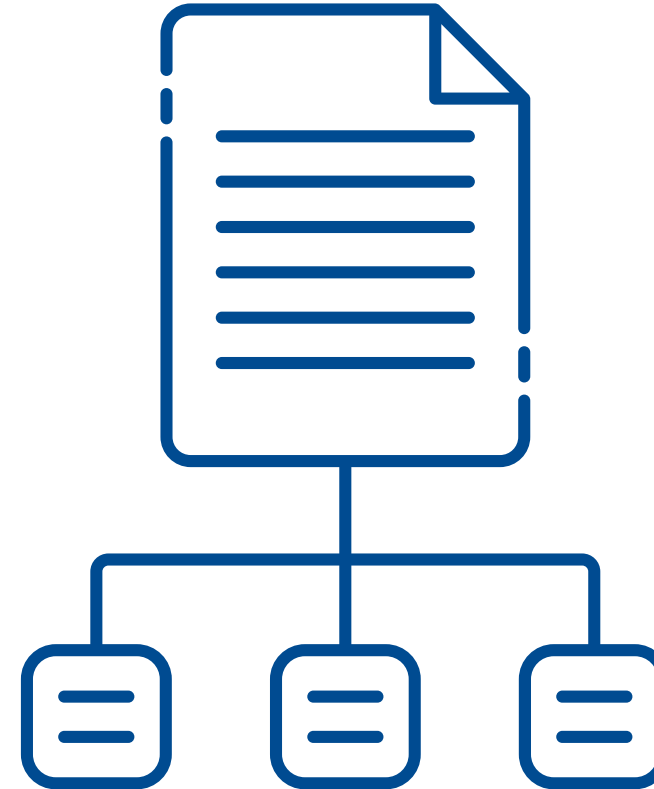
STAKEHOLDER ENGAGEMENT DOCUMENTATION

» Meeting log and calendar of events

» Stakeholder comment log

» Meeting summary reports:

- Topics discussed
 - Photos/screenshots
 - Attendance sheets
 - Project collateral and tools
 - Input/Questions
 - Court reporter transcript
 - Zoom recording
- All input given to SoCalGas and its technical consultants for consideration in their work





Other Engagement Options



OTHER ENGAGEMENT OPTIONS

- » Thematic Quarterly eblast
- » Optional virtual meetings
- » Angeles Link website and collateral materials will be updated by June meetings
- » Other ideas?





CPUC Quarterly Report Status



CPUC QUARTERLY REPORT

- » Q1 Quarterly Report was submitted to CPUC and posted on our website on Tuesday May 9, 2023
- » Stakeholder comments received in Q1 and SoCalGas' responses were included in the Q1 Quarterly Report
- » Comments on the Q1 Quarterly Report received in Q2 will be included in the Q2 Quarterly Report
- » June meeting will discuss timeline and procedures for Q2 comment submittal



Angeles Link Website
Scroll down to Quarterly Reports

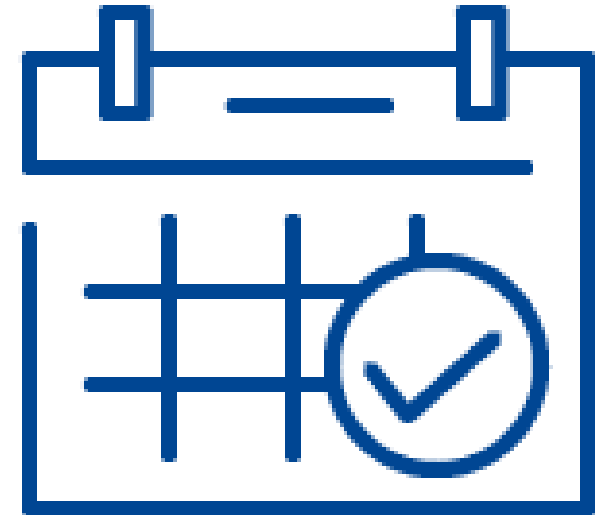


Group Discussion



NEXT STEPS

- » May Meeting Summary Report will be submitted to SoCalGas and PAG/CBOSG members for review
 - Will be incorporated into SoCalGas Q2 Quarterly Report to the CPUC
- » Next meetings will take place in-person and webcast for convenience
 - CBOSG – June 22, 2023
 - PAG – June 28, 2023



Thank you for your participation!

June 28, 2023
9a.m. - 12:30 p.m.



Planning Advisory Group (PAG)

Quarterly Group Meeting #2

Warm welcome to our participants!
We will be starting shortly after 9:00 a.m. to make sure everyone
is present in-person and online.



WELCOME FROM OUR FACILITATORS



ANGELES
LINK



CHESTER BRITT

Executive Vice President
Arellano Associates
PAG Lead



ALMA MARQUEZ

Vice President Gov. Relations
Lee Andrews Group
CBOSG Lead

HOUSEKEEPING:



This meeting will be recorded (video and audio), and a court reporter will be transcribing the meeting. Please announce yourself before you speak.



Zoom microphones are muted by the host to eliminate background noise. You will need to unmute your microphone when called on to speak. *For both in-person and on-line participants please speak directly into the microphone to ensure everyone can hear.*



We encourage you to turn on your cameras so we can better engage with you.



Please feel free to use the Zoom chat to provide input and ask questions throughout the meeting.



If you would like to speak, please use the "Raise Hand" button at the bottom of the Zoom screen.



Wireless microphones will be passed to those speakers attending in person.

AGENDA



- » Continental Breakfast
- » Facilitator Welcome & SoCalGas Safety Message
- » Self-Introductions
- » Welcome to AltaSea from CEO Terry Tamminen
- » Thank You: SoCalGas President Maryam Brown
- » SoCalGas: Schedule & Approach to Phase 1 Studies Feedback
 - » Member Survey and Discussion
- » Break
- » SoCalGas: Project Purpose & Need
 - » Member Discussion
- » SoCalGas: Project Alternatives
 - » Member Discussion
- » Next Steps/Upcoming Meetings
- » Adjourn for Lunch & Optional Tour Hosted by AltaSea

SOCALGAS SAFETY MESSAGE



ANGELES
LINK



EMILY GRANT

Angeles Link
Senior Public Affairs Mgr.

SELF-INTRODUCTIONS

»» Please state your name
and the name of your
organization



ALTASEA WELCOME

**OUR
FUTURE
IS
BLUE**



ANGELES
LINK



TERRY TAMMINEN

President
and
Chief Executive Officer



SOCALGAS WELCOME



ANGELES
LINK



MARYAM BROWN
President
SoCalGas

SOCALGAS: SCHEDULE & APPROACH TO PHASE 1 STUDY FEEDBACK



ANGELES
LINK



JILL TRACY
Angeles Link
Senior Director
Regulatory & Policy

SCHEDULE & APPROACH: WHY THE URGENCY?

IT STARTS BY MEETING OUR CLIMATE GOALS

Governing Law – SB 32

By 2030, reduce
GHG emissions

40%

below 1990 levels

Governing Law – AB1279

By 2045, reduce
GHG emissions

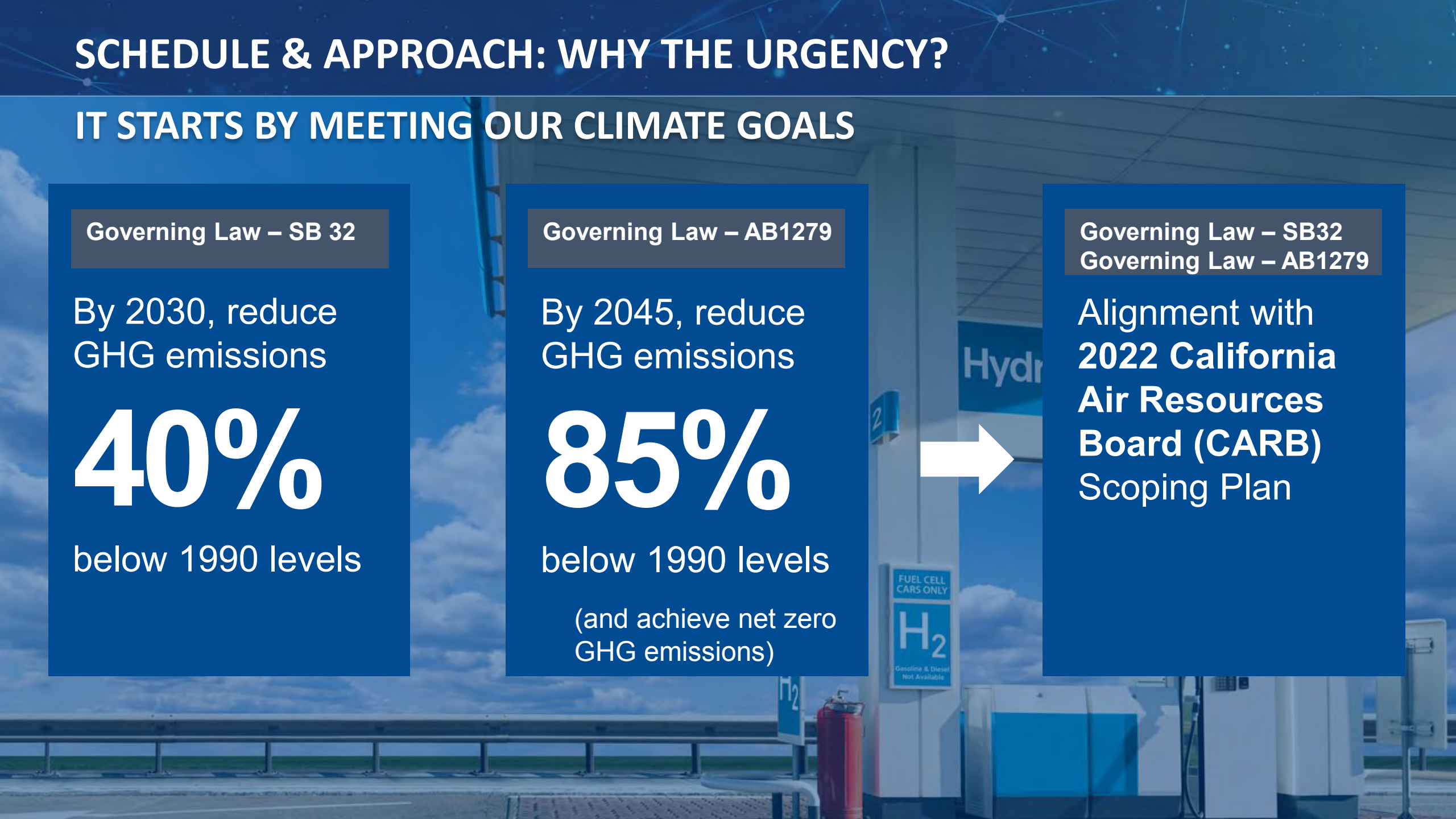
85%

below 1990 levels

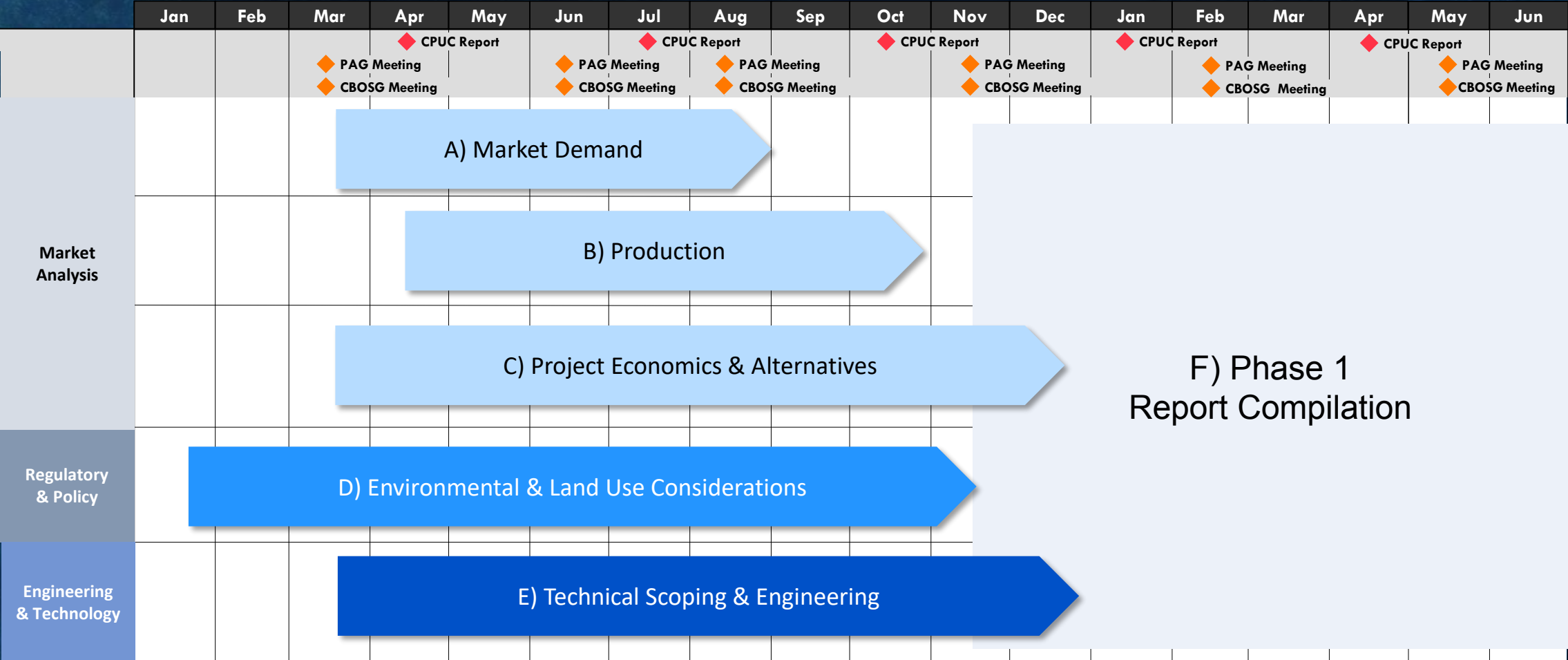
(and achieve net zero
GHG emissions)

Governing Law – SB32
Governing Law – AB1279


Alignment with
**2022 California
Air Resources
Board (CARB)
Scoping Plan**




SCHEDULE & APPROACH: PRELIMINARY HIGH-LEVEL CALENDAR




SCHEDULE & APPROACH: STUDY DESCRIPTIONS

	2023							2024					
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Phase 1 Study Descriptions 	<ul style="list-style-type: none"> ✓ Distribute Purpose and Need Study description ✓ Q2 PAG/CBOSG Meetings: Discuss Purpose and Need, Alternatives ✓ Distribute remaining study descriptions to Stakeholders ✓ Mid July – Additional study description feedback gathering sessions ✓ End of July – PAG/CBOSG Final feedback due on study descriptions 												
Phase 1 Study Final Reports													Issue Final Reports ✓

SCHEDULE & APPROACH: DATA AND PRELIMINARY FINDINGS

2023								2024					
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Phase 1 Data and Preliminary Findings 							<div><div>✔</div><div>Distribute Phase 1 Preliminary Findings/Data received to Stakeholders</div></div> <div><div>✔</div><div>Q4 PAG/CBOSG Meetings to Discuss Preliminary Findings/Data/Feedback</div></div> <div><div>✔</div><div>Additional Preliminary Findings/Data Stakeholder Gathering Sessions Feedback Gathering Session</div></div> <div><div>✔</div><div>PAG/CBO Final feedback due on preliminary finding and data</div></div>						
Phase 1 Study Final Reports												<div>Issue Final Reports ✔</div>	

SCHEDULE & APPROACH: STUDY DRAFT REPORTS

	2023							2024					
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Phase 1 Study Draft Reports 										<ul style="list-style-type: none"> ✓ Distribute Phase 1 Study Draft Reports ✓ Q1 PAG/CBOSG Meetings ✓ Virtual Feedback Gathering session ✓ PAG/CBOSG Final feedback due on draft reports 			
Phase 1 Study Final Reports											Issue Final Reports ✓		

MEMBER SURVEY

Please hold while we wait for all participants to join. The activity will begin shortly.

Go to

www.menti.com

Enter the code

8905 2937



Or use QR code



MEMBER DISCUSSION

- Please announce your name and speak directly into the microphone
- Be concise and focus on discussion topics
- Verbal comments are not the only way to provide input, feel free to type a chat
- We are accepting input after this meeting if we run short on time or you think of things later

SOCALGAS: PROJECT PURPOSE & NEED



ANGELES
LINK



NEIL NAVIN

Chief Clean Fuels Officer
SoCalGas

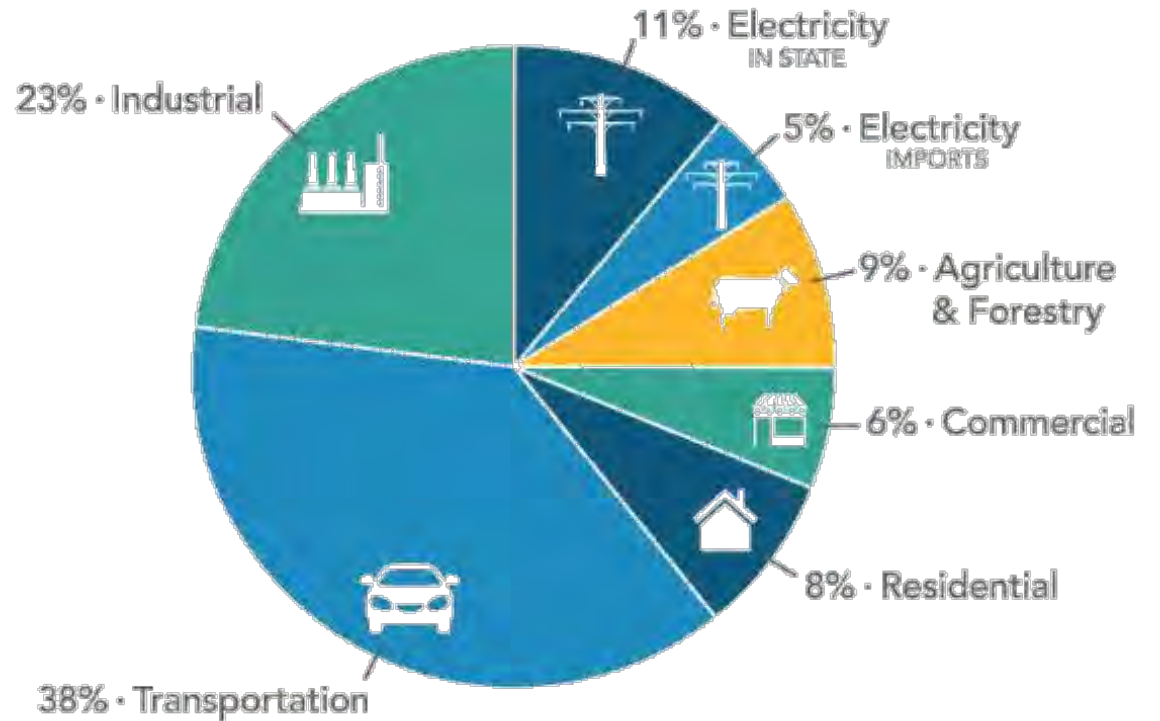
WHY A CLEAN RENEWABLE HYDROGEN TRANSPORTATION SYSTEM?

Angeles Link **could support significant reductions in greenhouse gas emissions** from **hard-to-electrify sectors** of the Southern California economy including:

- **mobility/transportation** (with an emphasis on the heavy-duty sector),
- **electric generation, and**
- **High-heat commercial and industrial processes**

For **mobility/transportation sector**, Angeles Link's potential to decrease demand for diesel in the LA Basin could help **accelerate reaching California's and the region's clean air goals.**

California Emissions by Sector

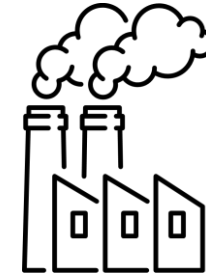


369.2 MMT CO₂e
2020 TOTAL CA EMISSIONS

SUMMARY OF PROJECT DESCRIPTION & BACKGROUND

What a clean renewable hydrogen open access transportation system could achieve (cont'd)

» Reduce GHG Emissions and Improve California's Air Quality



» Enhance Energy System Reliability, Resiliency and Flexibility



» Provide Long Duration Clean Renewable Energy Storage



SUMMARY OF PROJECT DESCRIPTION & BACKGROUND

What a clean renewable hydrogen open access transportation system could achieve (cont'd)

» Provide Cost Effective and Affordable Clean Renewable Hydrogen Transportation



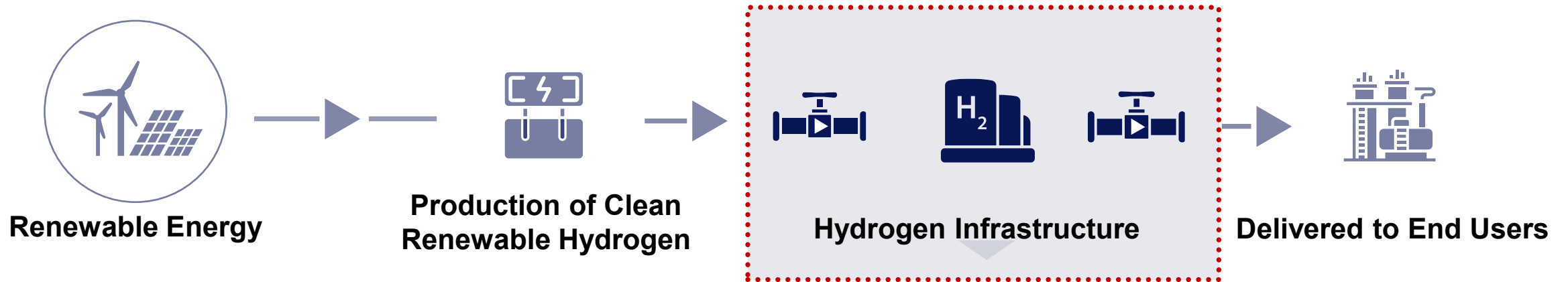
» Deliver Efficient and Safe Clean Renewable Energy



» Help Reduce Natural Gas Served by Aliso Canyon



PROJECT DESCRIPTION



Angeles Link Pipeline System is intended to be dedicated to **public use** and anticipated to consist of **open-access, common carrier** backbone system that may be developed in stages



MEMBER DISCUSSION

- Please announce your name and speak directly into the microphone
- Be concise and focus on discussion topics
- Verbal comments are not the only way to provide input, feel free to type a chat
- We are accepting input after this meeting if we run short on time or you think of things later



BREAK (15 MINUTES)





SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY



PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

California Public Utilities Commission (CPUC) Final Decision (D.22-12-055) Requirements

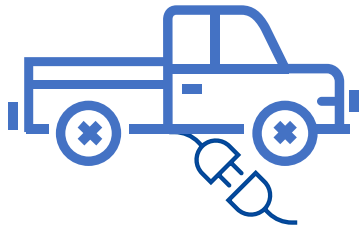
- » **Evaluation of Feasibility of Project Alternatives**
 - » **A Localized Hydrogen Hub Alternative (Ordering Paragraph (OP) 3 (c))**
 - » **Other Decarbonization Alternatives (e.g., Electrification) (OP6 (d))**
- » **Evaluation of Cost of Alternatives (OP 5(e))**
- » **Evaluation of Cost-Effectiveness of Project Against Alternatives (OP6 (d))**
- » **Determining Methodology to Measure Cost -Effectiveness of Alternatives (OP6 (d))**
- » **Consideration and Evaluation of Environmental Impacts of Project Alternatives (OP 5(e))**

SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

Identification & Analysis of Potential Hydrogen Fuel Alternatives

Electrification:

Electrify end uses instead of using hydrogen



Energy

Efficiency:

Customers reducing natural gas consumption



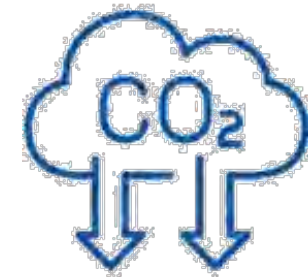
Renewable Natural Gas (RNG):

Methane from dairy, landfills, organic waste instead of hydrogen for power and commercial and industrial sectors



Continued Use of Traditional Fuels with Carbon Management:

E.g., source-capture, ambient capture



SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

Identification & Analysis of Potential Alternative Clean Renewable Hydrogen Delivery Systems & Configurations

Deliver by:

Trucking, train, marine, and/or hybrid of trucking/train or electric transmission of renewable energy sources for hydrogen production in-basin



Alternative Routes or Configurations:

Alternative pipeline phases, segments, and/or configurations, storage locations, and compressor station locations



Localized Hydrogen Hub:

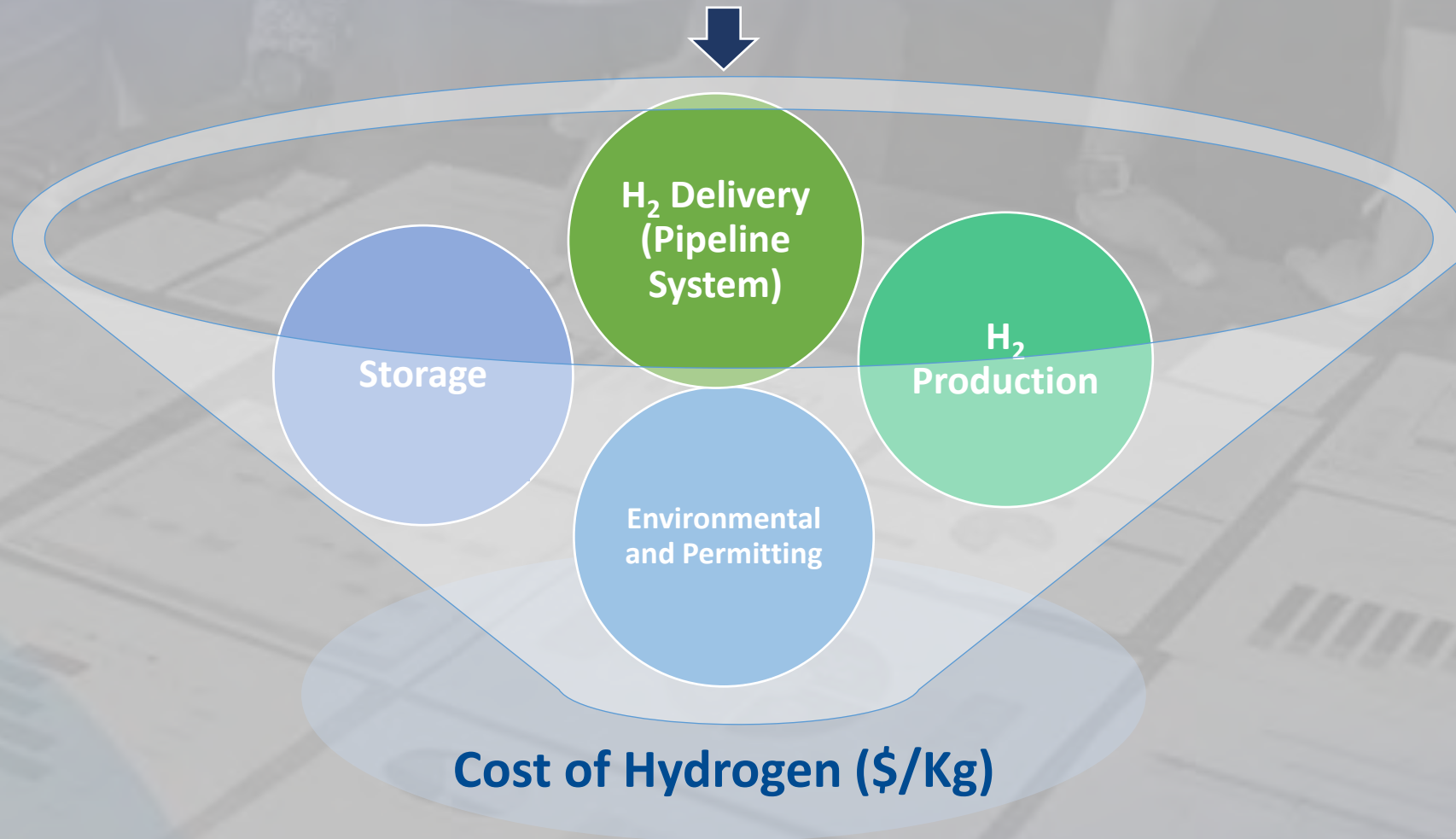
Localized system serving Los Angeles Basin with in-basin production



SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

Cost-Effectiveness Analysis Approach

Key Inputs: Construction, Operation, and Maintenance Costs & Federal and State Incentives (e.g., Tax Credits)



SUMMARY OF PHASE 1 PROJECT OPTIONS AND ALTERNATIVES STUDY

Environmental Impacts Analysis Approach: High-Level Desktop Review

- » Environmental data (e.g., biological resources, cultural and tribal resources, noise, etc.) collection and synthesis, and analysis
- » Permitting review & GIS mapping
- » Environmental justice/disadvantaged communities' analysis
- » Alternatives matrix comparing potential resource impacts of the Project alternatives
- » Recommendations to avoid or minimize impacts





Member Discussion

- Please announce your name and speak directly into the microphone
- Be concise and focus on discussion topics
- Verbal comments are not the only way to provide input, feel free to type a chat
- We are accepting input after this meeting if we run short on time or you think of things later

A white rectangular container with a blue logo consisting of three dots and the text 'H2' and 'HYDROGEN ENERGY STORAGE' in blue capital letters.

HYDROGEN
ENERGY
STORAGE

A large white cylindrical storage tank with 'H2' written in blue on its side.

H2

A large white cylindrical storage tank with 'O2' written in blue on its side.

O2

NEXT STEPS AND DISCUSS FUTURE TOPICS

Post Meeting Survey QR Code



**Adjourn for Lunch & Optional Tour
Hosted by AltaSea**

Thank you for your participation!

Please drive safely.

APPENDIX 4 – RECORDINGS

Link to Angeles Link CBO SEP Meeting 5/18:

<https://vimeo.com/leeandrewsgroup/cbosgoptionalmeetingmay18?share=copy> [vimeo.com]

Link to Angeles Link CBO Q2 Meeting 6/22: [CBOSG 6/22 Meeting \[vimeo.com\]](#)

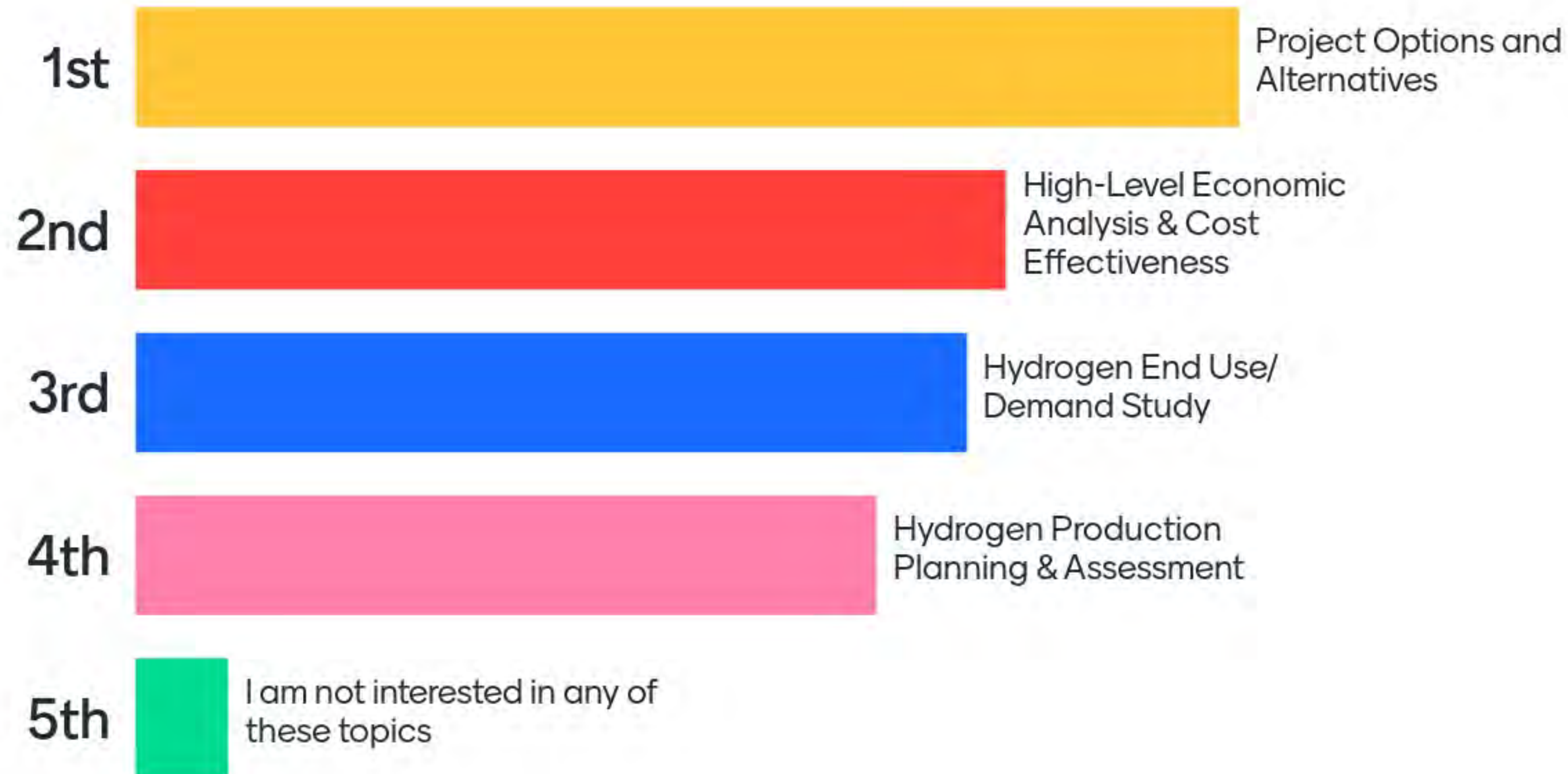
Link to Angeles Link PAG SEP Meeting 5/18: [Optional PAG Meeting – 5/18 \[vimeo.com\]](#)

Link to Angeles Link PAG Q2 6/28: [PAG Meeting #2 – 6/28 \[vimeo.com\]](#)

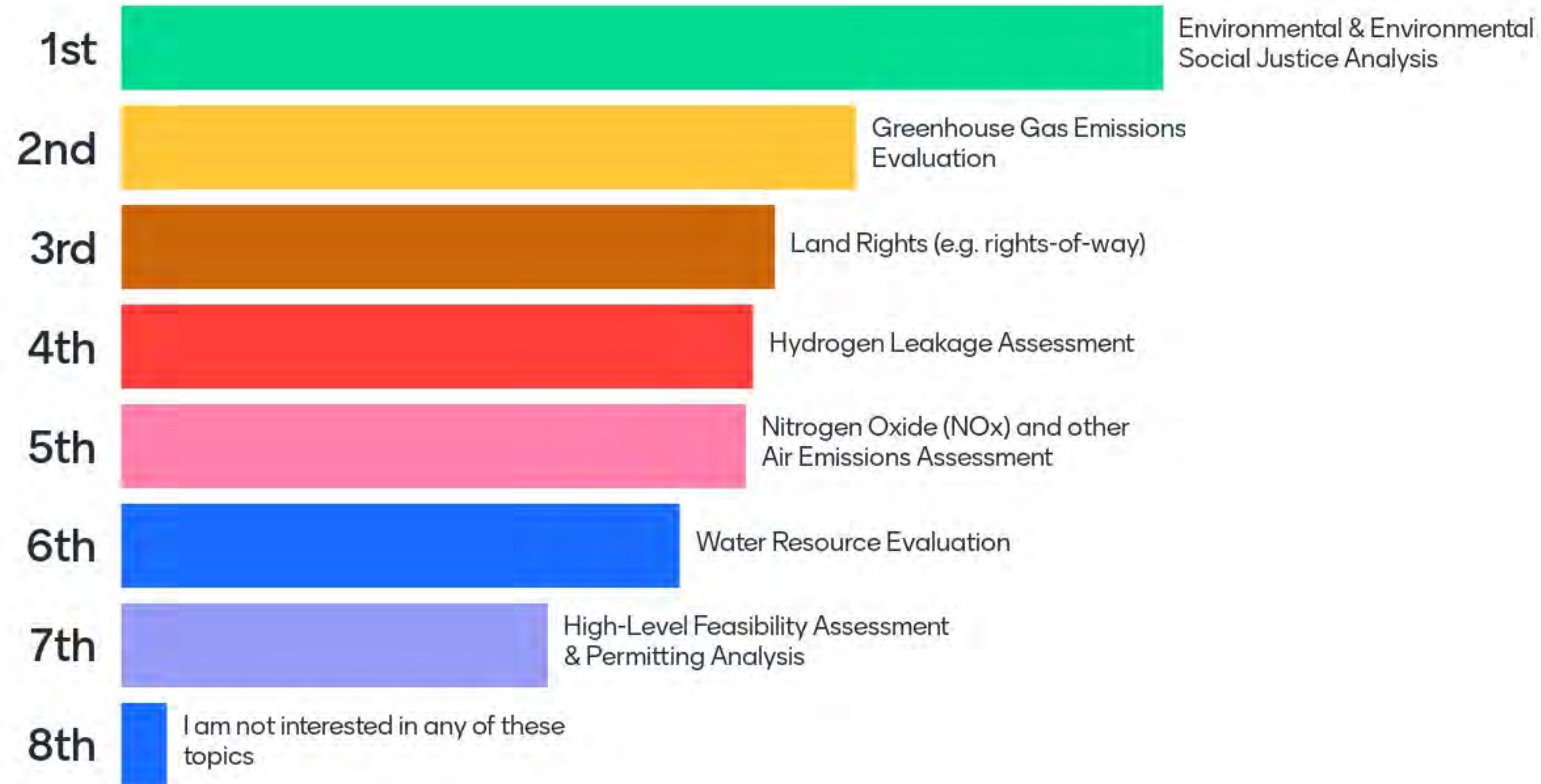
**APPENDIX 5 -
COMMUNITY BASED
ORGANIZATION
STAKEHOLDER GROUP
SUMMARY REPORTS**

Please hold while we wait for all participants to join. The activity will begin shortly.

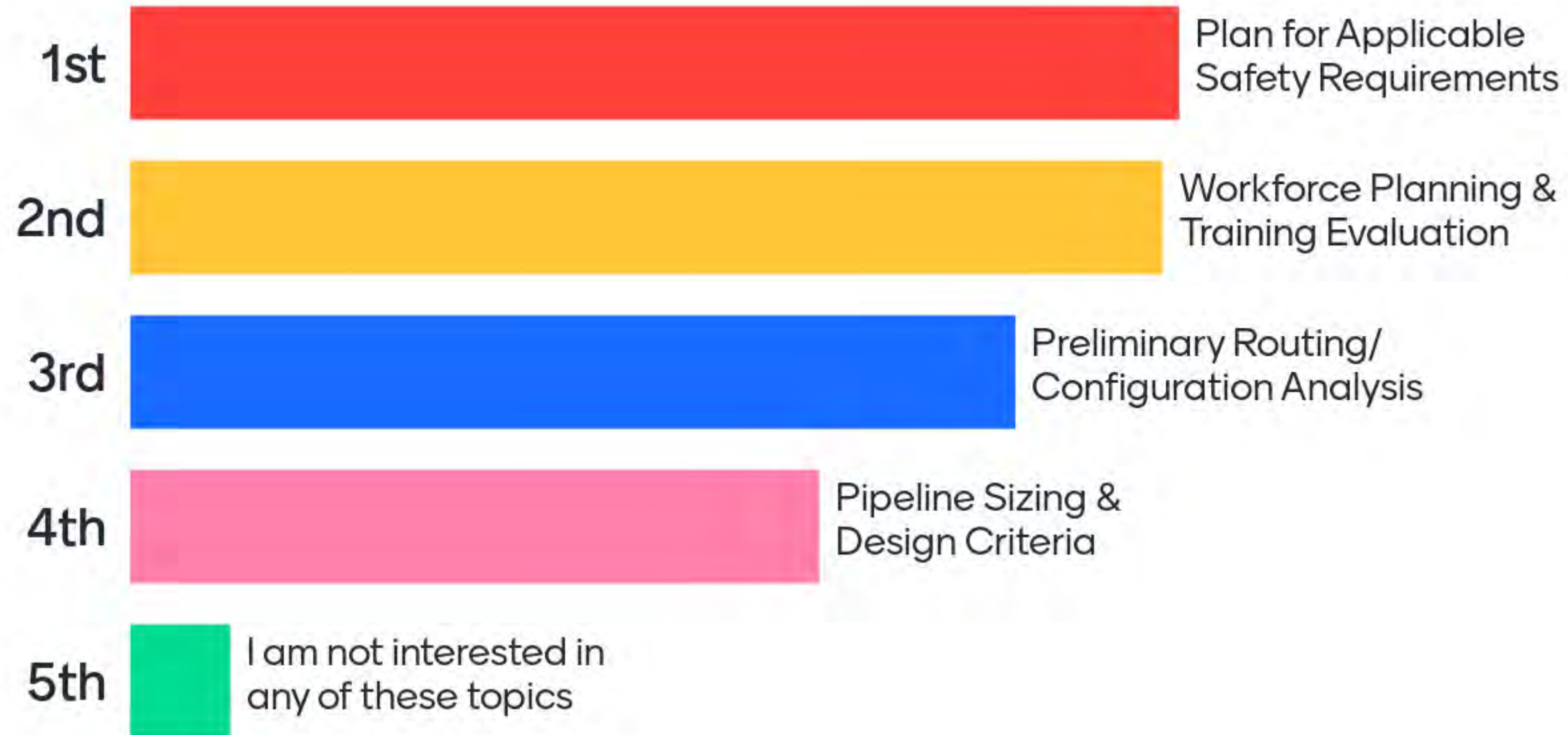
Rank Market Assessment & Alternatives Workstreams



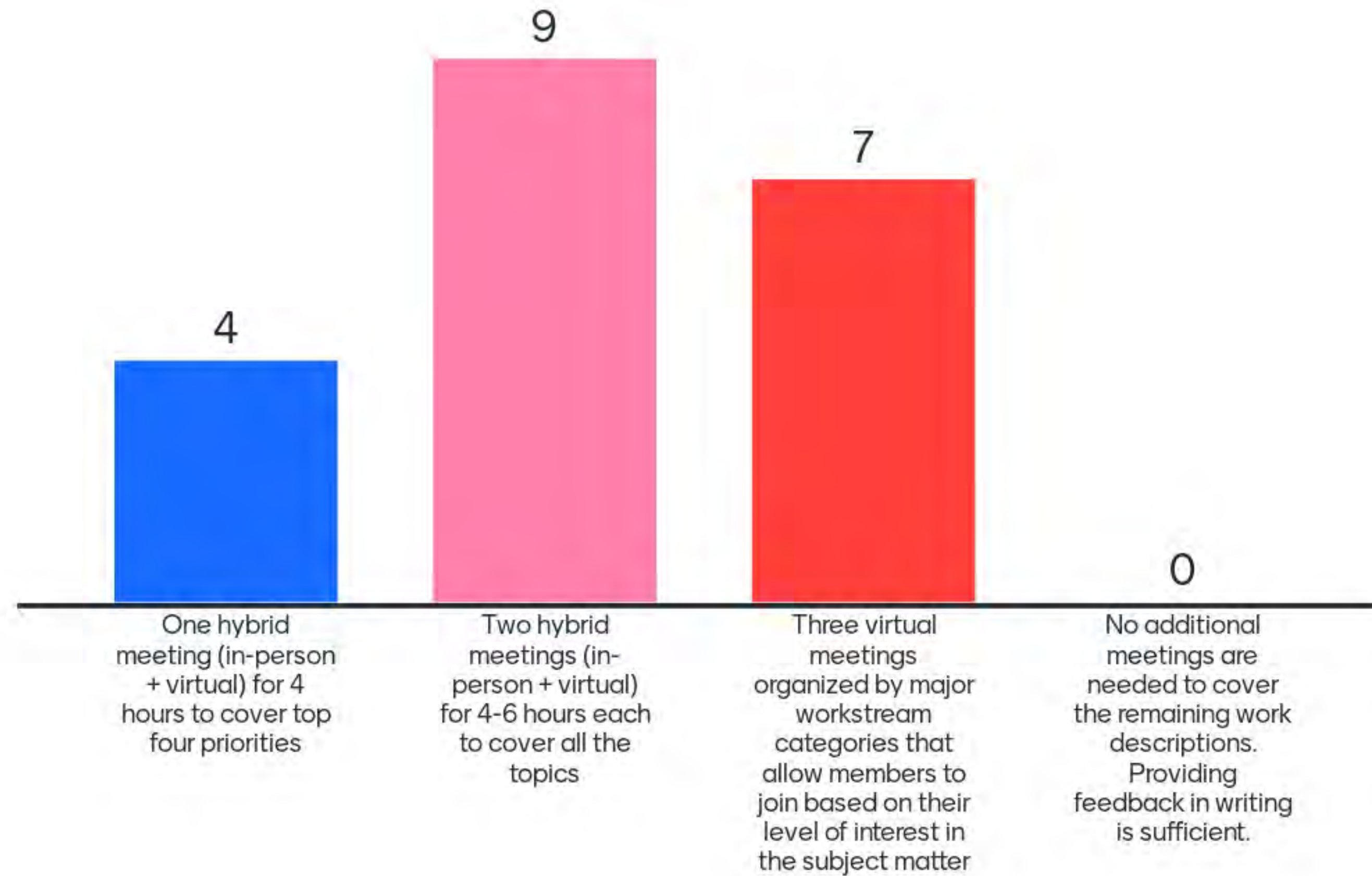
Rank Regulatory, Policy & Environmental Workstreams



Rank Engineering Design Workstreams



How would you prefer the review of these additional work study descriptions occur with other CBOSG members?



CBOSG Q2 Post Survey Feedback								
Q1: 1.What did you like about the format/logistics of the stakeholder meeting, including check-in process, venue, refreshments, room setup, and materials provided?	Q2: What could be improved about today's format/logistics?	Q3: What information included in the pre-meeting materials was helpful?	Q4: Was there any information that you would have liked to have been included in the pre-meeting materials? If so, what?	Q5: Did you have the information you needed in the meeting packet that was distributed today?	Q6: What did you like about the presentations? What could be improved?	Q7: Did you find the information relevant to the community you represent? If not, why not or what information could we provide that is more important to you?	Q8: Did the meeting provide meaningful opportunities for engagement?	Q9: Please provide any specific suggestions for future communications/meetings.
I thought everything was well put together and an welcoming environment was created from beginning to end	A			Yes	I enjoyed that the presentations allowed for continual feedback from the attendees. I believe that some of the jargon used should be more simplified during presentations to allow those who are not familiar with the language in order for the material to be easily digestible	Yes, the information is relevant to the community I represent but I am more curious about how the Angeles Link will impact those that live in the community I represent	Yes, most definitely	



ANGELES LINK



ANGELES LINK: COMMUNITY BASED ORGANIZATION
STAKEHOLDER GROUP OPTIONAL MEETING
Meeting Summary May 18, 2023

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Background

In addition to engaging with CBO Stakeholder Group (CBOSG) members at quarterly meetings, separate optional CBOSG meetings may be held throughout Phase One as needed. An optional CBOSG meeting was held on Thursday, May 18, 2023, via Zoom to share the Stakeholder Engagement Plan (SEP). The SEP is intended to provide a blueprint for how stakeholder engagement will be conducted during Phase One related activities for Angeles Link. The SEP and meeting agenda were sent to CBOSG members and other invited CBOs, 72-hours in advance of the meeting.

The purpose of the interim CBOSG meeting was to:

- Provide an overview of the Stakeholder Engagement Plan (SEP)
- Share the tentative CBOSG meeting schedule
- Solicit input and feedback from CBOSG members on the governance of Angeles Link stakeholder engagement

CBOSG members in attendance included the following organizations:

- | | |
|--|---|
| • Alma Family Services | • Los Angeles Urban League |
| • Ballona Wetlands Institute | • Mothers Out Front |
| • Breathe Southern California | • Nature for All |
| • California Greenworks | • Physicians for Social Responsibility-
LA |
| • Chinatown Service Center | • Protect Playa Now |
| • Climate Action Campaign | • Reimagine LA Foundation |
| • Coalition for Responsible
Community Development | • Society of Native Nations |
| • Communities for a Better
Environment | • Soledad Enrichment Action |
| • California Public Utilities
Commission | • Southside Coalition of Community
Health Centers |
| • Defend Ballona Wetlands | • The Center on Race, Poverty, and
the Environment |
| • Faith and Community
Empowerment | • The Utility Reform Network |
| • Food & Water Watch | • Vote Solar |
| • Little Tokyo Community Council | • Watts Labor Community Action
Committee |
| • Los Angeles Indigenous Peoples
Alliance | • YMCA - Southeast Rio Vista |

Please refer to Appendix A for a complete list of attendees.

MEETING NOTES

Welcome

- Chester Britt, Executive Vice President at Arellano Associates and Planning Advisory Group (PAG) Facilitator, opened the meeting by reviewing meeting protocols and providing a brief overview of the agenda.
- Emily Grant, SoCalGas Angeles Link Senior Public Affairs Manager, thanked meeting attendees for their participation and explained they would forgo self-introductions for this meeting but encouraged participants to attend the meeting in June to do so.
- Mr. Britt explained the project schedule and identified it is currently in Phase One. He introduced the SEP document, a flexible plan for stakeholder engagement during Phase One activities.
- Mr. Britt emphasized the importance of building a two-way bridge between stakeholders and the technical team in which information is shared both ways.
- Mr. Britt explained the importance of fostering a relationship with stakeholders and implementing an equitable process where all stakeholders' input is received and considered.
- Last, Mr. Britt explained there would be project planning transparency with proactive dissemination of information throughout the process.

Stakeholder Governance

- Mr. Britt discussed the roles of the project team regarding stakeholder governance
 - SoCal Gas is responsible for identifying potential members for the PAG and CBOSG, making technical studies available, providing that the process is transparent, coordinating with the CPUC Energy Division to comply with the Final Decision, and convening and facilitating the content for quarterly meetings.
 - The facilitation consultant is responsible for documenting the meetings and feedback.
 - The PAG is responsible for providing technical input on project design and development. The PAG is also representative of stakeholders of Southern California.
 - The CBOSG is representative of the community-based organizations along the project corridor in the Los Angeles Basin, and they have the opportunity to advance the needs of the local community and facilitate access to project resources.
- Mr. Britt again emphasized the importance of engagement guidelines such as:
 - Providing input in the process
 - Actively participating in reviewing materials and discussions
 - Being curious and open to the opinions of others
 - Designating an alternate to cover, if member is not available
- Mr. Britt then reminded attendees of the meeting series, which will allow multiple opportunities for in-person and virtual interaction with the project team and other CBOSG members.
- Alma Marquez, Vice President of Government Relations at Lee Andrews Group and the CBOSG Lead, informed attendees about the application to join the CBOSG, and shared that, as of the meeting date, there are 22 CBOSG members.
- Ms. Marquez noted the feedback on the CBO application process that had been implemented and informed attendees they would be accepting applications for the CBOSG until there were 35 organizations.
- Ms. Marquez also discussed the pay structure for quarterly and optional meetings and briefly touched on the payment timeline.

Key Audiences

- Mr. Britt showed a diagram of the CBOSG with different categories of the represented groups. He emphasized the importance of the group's diversity to provide different viewpoints.
- Ms. Marquez explained the CBOSG also aims to foster a diverse group. She touched on the six key areas and encouraged attendees who haven't submitted their applications yet to do so.

Communication Methods

- Mr. Britt introduced the various ways in which the project team could provide technical information in a digestible fashion to the members:
 - General factsheets, FAQs, and a glossary of terms
 - Topical factsheets to deal with more specific subjects
- Mr. Britt explained the documents are being developed in time for upload to the Angeles Link website by the June 22nd meeting, and the project team will continue to update the CBOSG throughout the process.
- Mr. Britt touched on the various ways the project team will interact with the CBOSG members outside of meetings:
 - Website
 - Digital engagement tools
 - Project email
 - Surveys
 - Staff correspondence

Stakeholder Engagement Program

- Mr. Britt informed attendees there would be quarterly meetings through mid-2024. The agendas and supporting materials for these meetings will be available at least one week before the quarterly meetings and 72 hours before any optional meeting. He also informed attendees that meetings were set to be alternating between in-person and virtual formats, with the option to join in-person sessions via webcast.

Documentation

- Mr. Britt also noted that a court reporter was documenting all meetings to capture all feedback.
- Mr. Britt informed the group that SoCalGas would incorporate feedback from the PAG and CBOSG in the quarterly report to CPUC.

Other Engagement Options

- Mr. Britt informed attendees SoCalGas would send out a thematic bulletin of common concerns mid-cycle rather than responding to the same request multiple times.
- Mr. Britt also discussed that the project team is reviewing possible digital tools and invited attendees to provide any other suggestions for engagement between quarterly meetings.

CPUC Quarterly Report Status

- Ms. Grant informed attendees that the first quarterly report was sent to the CPUC last week, containing stakeholders' feedback, response documents, meeting summaries, and attendee lists.

- Ms. Grant also informed attendees that there would be a document outlining the comment submission timeline and specifics leading up to the June meeting. She then invited attendees to contact her with any additional questions they may have.

CBOSG Group Discussion

- Ayn Craciun, Climate Action Campaign, commented on the graphic representing the different groups in the PAG, noting that the groups were visually represented in different sizes. She asked if there was any significance to the way the groups were represented in the graphic. She also asked if she could get an explanation on which PAG groups are represented in the CBOSG that are also environmental justice groups and how their input is going to be weighted throughout the project.
 - Mr. Britt explained that the color and sizes of the bubbles on the graphic do not hold significance and its purpose is to show the diversity of the group. He also noted that CBO, Environmental Justice (EJ), and Disadvantaged Communities (DAC) are represented in the PAG, and all groups have equal opportunity to provide input throughout the process as an advisory group, per the ALMA Final Decision. He also mentioned that the PAG list is not final, and the project team is open to hearing what other members can be added.
 - Ms. Craciun expressed concern that certain communities have paid the price in the past for monied interests in the fossil fuel industry and would like to make sure those communities' voices are given greater weight as decisions are being considered throughout this process.
 - Enrique Aranda, Soledad Enrichment Action, thanked Ms. Craciun for voicing this concern via chat.
 - Mr. Britt explained that the existence of the CBO Stakeholder Group is to address Ms. Craciun's concern and to provide that local community issues are heard and addressed.
 - Ms. Marquez added that as a former Executive Director in the CBO space, she understands the importance of diverse community groups being a part of the stakeholder engagement process, which is a reason the application process remains open at this time for other organizations to apply.
 - Ms. Grant added that the quarterly report lists what groups are participating and the list will continue to grow. She invited Ms. Craciun to let her know what other groups should be engaged.
- Faith Myhra, Protect Playa Now, asked if the Thematic Response Document is sent to the CPUC, how comments are selected to be included in the Thematic Response, and how are members reassured that all comments are passed along to the CPUC through this process.
 - Mr. Britt explained that there is a court reporter that will transcribe all meetings, all meetings are recorded, and all emails are recorded in an online Stakeholder Log to ensure a transparent process.
 - Ms. Grant added that Q1 Report Appendices has all feedback recorded from Q1, and all CBOSG members will be informed of the timeline and systematic approach to submit comments for the Q2 Quarterly Report at the next meeting. Ms. Grant also explained that this question was addressed in the Thematic Response that was shared with the whole group.
- Lydia Ponce, Society of Native Nations, asked what local tribes are engaged in the CBOSG process, specifically to provide consultation and consent in a way that aligns with environmental justice.

- Ms. Marquez stated that we have facilitated outreach to tribal organizations in the Los Angeles metropolitan area, specifically the Los Angeles City/County Native American Indian Commission and CIELO, an organization that represents the Oaxacan community. She also offered to continue the conversation after the meeting to discuss recommendations for other tribal groups that we can engage.
 - Ms. Ponce responded that she is open to being a bridge for communication but noted that consulting with her does not count as engaging with or consulting with the necessary indigenous tribal people. She dropped her email in the chat.
 - Ms. Grant added that because we are early in the process, the Angeles Link project team has not started communicating directly with constituencies. She expressed that she looks forward to tapping into Ms. Ponce's knowledge of the tribal community and looks forward to beginning the process of engagement with the tribes.
- Robert van de Hoek, Defend Ballona Wetlands, asked if there were any members that are both the PAG and CBOSG. He also asked if it is possible to hold a virtual walking tour of SoCalGas facilities in the Greater Los Angeles Region that can be led by an environmental scientist to explain what green energy projects have already started.
 - Ms. Grant responded that she would consider having a tour as appropriate with the development of the project. She also stated that the proposed Angeles Link project is a hydrogen transportation system and will not produce hydrogen.
 - Mr. Britt confirmed that there are members in both groups. A list of those members was dropped in the chat.
- Via the chat, Ayn Craciun, Climate Action Campaign, asked if a list of the PAG members can be shared
 - Ms. Grant explained that the lists for both the PAG and CBOSG are included in the Q1 Appendices and in each meeting summary report. She dropped the link to both documents in the chat.
- Ms. Marquez noted that the confirmed time and venue of the June meeting will be shared next week with CBOSG members via email.
- Ms. Marquez reminded attendees that CBOSG applications are still being accepted at this time and encouraged applications to be submitted soon.
- Mr. Britt wrapped up the meeting by thanking attendees for their participation and expressed appreciation for their continued engagement.

Key Themes from the Optional CBOSG Meeting

- Concerns regarding how CBOSG feedback is being incorporated into the Quarterly Reports to the CPUC and the Quarterly Thematic Response
- Concerns regarding how historically underrepresented communities are being engaged
- Clarification on the difference between the PAG and CBOSG
- Interest in reviewing overlapping representation on the PAG and CBOSG

Next Steps

- A summary report including a copy of the presentation will be sent to CBOSG members
- Stakeholder feedback and summary report will be included in the quarterly report to the CPUC
- CBOSG meeting will be held in-person with a virtual option on June 22, 2023

Appendix A

Optional CBOSG Attendee Roster

#	First Name	Last Name	Affiliation
CBOSG Members			
1	Lourdes	Caracoza	Alma Family Services
2	Marcia	Hanscom	Ballona Wetlands Institute
3	Marc	Carrel	Breathe Southern California
4	Michael	Berns	California Greenworks
5	Jessy	Shelton	California Greenworks
6	Daisy	Ma	Chinatown Service Center
7	Kerry	Situ	Chinatown Service Center
8	Amy	Zhao	Chinatown Service Center
9	Ayn	Craciun	Climate Action Campaign
10	Kenta	Estrada-Darley	Coalition for Responsible Community Development
11	Ricardo	Mendoza	Coalition for Responsible Community Development
12	Theo	Caretto	Communities for a Better Environment
13	Ambar	Rivera	Communities for a Better Environment
14	Christopher	Arroyo	California Public Utilities Commission
15	Robert Roy	van de Hoek	Defend Ballona Wetlands
16	Hyepin	Im	Faith and Community Empowerment
17	Andrea	Vega	Food & Water Watch
18	Kisa	Ito	Little Tokyo Community Council
19	Luis	Pena	Los Angeles Indigenous Peoples Alliance
20	Maiesha	Kif	Los Angeles Urban League
21	Andrea	Slater	Mothers Out Front
22	Belen	Bernal	Nature for All
23	Alex	Jasset	Physicians for Social Responsibility-LA
24	Faith	Myhra	Protect Playa Now
25	Rashad	Trapp	Reimagine LA Foundation
26	Lydia	Ponce	Society of Native Nations
27	Enrique	Aranda	Soledad Enrichment Action
28	Andrea	Williams	Southside Coalition of Community Health Centers
29	Kayla	Karimi	The Center on Race, Poverty, and the Environment
30	Marna	Anning	The Utility Reform Network
31	Andrea	Leon-Grossmann	Vote Solar
32	Thelmy	Alvarez	Watts Labor Community Action Committee
33	Gerry	Salcedo	YMCA - Southeast Rio Vista
Project Team			
34	Stevie	Espinoza	Arellano Associates
35	Chester	Britt	Arellano Associates
36	Sasha	Cheechov	Arellano Associates
37	Sohrab	Mikanik	Arellano Associates

#	First Name	Last Name	Affiliation
38	Rick	Garcia	Lee Andrews Group
39	Alyssa	Martinez	Lee Andrews Group
40	Alma	Marquez	Lee Andrews Group
41	Joey	Legaspi	Lee Andrews Group
42	Alan	Rodriguez	Lee Andrews Group
43	Stephanie	Graves	Lee Andrews Group
44	Emily	Grant	SoCalGas
45	Neil	Navin	SoCalGas
46	Douglas	Chow	SoCalGas
47	Jill	Tracy	SoCalGas
48	Megan	Lorenz	SoCalGas
49	Sebastian	Garza	SoCalGas
50	Emily	Grant	SoCalGas
51	Nikki	Buffa	Latham & Watkins
52	Edith	Moreno	SoCalGas
53	Vageha	Khan	SoCalGas
54	Frank	Lopez	SoCalGas



ANGELES LINK



ANGELES LINK: COMMUNITY BASED ORGANIZATION
STAKEHOLDER GROUP QUARTER #2 MEETING
Meeting Summary June 22, 2023

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Member Feedback	10
Next Steps & Upcoming Meetings	12
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Background

The CBO Stakeholder Group (CBOSG) Q2 meeting of Phase One was held on Thursday, June 22 at AltaSea at the Port of Los Angeles. The meeting was conducted in a hybrid format with 18 CBO representatives attending in-person and 7 CBO representatives joining the meeting via Zoom. In total, there were 25 CBOSG members who participated. The meeting agenda and materials were sent to CBOSG members and other invited CBOs, one week in advance of the meeting.

The purpose of this CBOSG meeting was to:

- Discuss three topics:
 - Project schedule and approach to Phase One
 - Project's purpose and need
 - Project alternatives
- Solicit input and feedback from CBOSG members on the topics discussed

CBOSG members in attendance included the following organizations:

- | | |
|---|--|
| • Ballona Wetlands Institute | • Food & Water Watch |
| • Breathe Southern California | • Greater Zion Church Family |
| • California Greenworks | • Little Tokyo Community Council |
| • California Native Vote Project | • Parents, Educators/Teachers, and Students in Action (PESA) |
| • California Public Utilities Commission | • Protect Playa Now |
| • Chinatown Service Center | • Reimagine LA Foundation |
| • Climate Action Campaign | • Soledad Enrichment Action |
| • Coalition for Responsible Community Development | • Southeast Rio Vista YMCA |
| • Communities for a Better Environment | • Southside Coalition of Community Health Centers |
| • Defend Ballona Wetlands | • Vote Solar |
| • Faith and Community Empowerment | • Watts Labor Community Action Committee |

Please refer to Appendix A for a complete list of attendees.

MEETING NOTES

Welcome & Introductions

- Alma Marquez, Community Based Organization Stakeholder Group Facilitator, opened the meeting by reviewing meeting protocols and providing a brief overview of the agenda.
- Ms. Marquez facilitated the CBO self-introduction segment of the meeting. She asked CBO representatives to state their name, name of their organization, and answer the question, “What do you think makes for a successful stakeholder engagement process?”
- Marcia Hanscom, Ballona Wetlands Institute, commented that it is important for everyone to have good listening ears, and have one-on-one communication.
- Jessie Shelton, California Greenworks, commented that it's good to have sufficient time for questions and answer sessions during meetings to create a space for stakeholders to speak.
- Gerry Salcedo, Southeast Rio Vista YMCA, emphasized the importance of participation and everyone being present throughout the process.
- Kenta Estrada-Darley, Coalition for Responsible Community Development, commented that non-formal settings and activities help create a welcoming environment. Additionally, a diverse group of stakeholders with different viewpoints and representatives of different communities is important.
- Enrique Aranda, Soledad Enrichment Action, commented that he appreciates being included early in the process and being asked for their input, as they feel that communities of color are often overlooked in major public works projects. They emphasize the importance of inclusivity, engagement, and transparency going forward.
- Hyepin Im, Faith and Community Empowerment (FACE), commented that building trust and having a strong connection with the project staff and other stakeholders is crucial for effective engagement. She emphasized being able to reach out to a designated point person for support and clarification.
- Robert van de Hoek, Defend Ballona Wetlands, highlighted the importance of listening, as well as the significance of meeting settings. He noted that self-introductions are a great first step of a stakeholder engagement process because it is beneficial to get to know everyone better.
- Shawna Andrews, Reimagine LA Foundation, emphasized the importance of being involved and informed in the process, engaging with all sectors and individuals, and educating those involved to make well-informed decisions.
- Andrea Vega, Food and Water Watch, commented on the importance of incorporating input from frontline communities and organizations working closely with them to have an effective stakeholder engagement process. She suggested the need to educate and involve a wider range of communities beyond those present in the meeting.
- Faith Myhra, Protect Playa Now, commented that stakeholder meetings that provide many opportunities for questions and answers make for very good discussions.
- Andrea Leon-Grossmann, Vote Solar, emphasized the importance of transparency and listening in the stakeholder engagement process. She expressed concern about certain stakeholders not being present, particularly tribal groups. She also suggested the idea of doing a land acknowledgement for future meetings.
- Roselyn Tovar, Communities for a Better Environment, commented on the importance of not rushing the process and including the input of the community, particularly environmental justice and frontline communities who will be most affected by the project. She stressed the

need for an educational campaign and a comprehensive feedback process for all project studies.

- Michael Fisher, Greater Zion Church Family, commented that a successful stakeholder engagement process involves honest and transparent dialogue with marginalized communities. He emphasized the importance of transparency about both successes and failures.
- Kristin Fukushima, Little Tokyo Community Council, emphasized the importance of not rushing the stakeholder engagement process and taking time to consider a comprehensive and inclusive approach that prioritizes marginalized individuals to address everyone's needs and concerns.
- Ella Cavlan, PESA (Parents, Educators/Teachers & Students in Action), commented that creating an open and transparent communication space is important for the stakeholder group. She also emphasized the need for active participation and willingness to listen and engage in the process.
- Jackson Garland, Eco and Action Club at Santa Monica College, expressed his interest in hydrogen and the efficacy of it.
- Rene Williams, California Native Vote Project, echoed the suggestion to begin future meetings with a land acknowledgement and inviting more tribal groups to participate. She also acknowledged that inviting everyone present in the meeting to participate is a successful start to the stakeholder engagement process.
- Thelmy Alvarez, Watts Labor Community Action Committee, commented that the key to the stakeholder group's success is to actively listen to each other and take meaningful action based on the feedback received.
- Ayn Craciun, Climate Action Campaign, commented on the importance of centering the voices of marginalized communities and discussing the potential costs they may bear due to the proposed project, highlighting the impact of corporate profit and the fossil fuel industry on vulnerable populations.
 - Hyepin Im, Faith and Community Empowerment, echoed Ms. Craciun's comment by emphasizing the importance of feeling like everyone's contribution is making a tangible impact. She suggested that stakeholders receive a response to their feedback after each meeting to understand the progress and the difference being made.
- Marc Carrel, Breathe Southern California, commented on the importance of public engagement and appreciates the opportunity to have his voice heard.
- Ms. Marquez concluded the self-introductions and moved on to what was next on the agenda.
- Ms. Marquez introduced Emily Grant, Angeles Link Project Manager and Sr. Public Affairs Manager for SoCalGas.
- Ms. Grant thanked everyone for their participation and explained SoCalGas' practice of including a safety and sustainability message at the beginning of meetings. She provided some summer safety tips, including staying hydrated, wearing sunscreen, and being cautious around water.
- Ms. Grant introduced Andy Carrasco, Vice President of Communications, Local Government and Community Affairs for SoCalGas.
- Mr. Carrasco, in his welcome address, emphasized the importance of engagement and communication with stakeholders. He highlighted the key themes that emerged from the self-introductions, including diversity of views, inclusivity, building trust, proactive input, transparency, and productive dialogue. Mr. Carrasco expressed SoCalGas' commitment to engaging all voices for the ongoing studies of Angeles Link Phase One. He invited stakeholders to

collaborate, be inclusive, and provide feedback, comments, concerns, and opportunities for partnership.

Schedule and Approach to ALP1 Study Feedback

- Mr. Carrasco introduced Jill Tracy, Sr. Director of Regulatory and Policy for SoCalGas.
- Ms. Tracy introduced her presentation on the schedule and approach for gathering input from stakeholders on the Angeles Link Phase One Study.
- Ms. Tracy first discussed the urgency of studying Phase One feasibility of the Angeles Link project due to California's aggressive climate goals and the need to reduce greenhouse gas emissions.
- Ms. Tracy then explained that the California Public Utilities Commission (CPUC) has issued a decision approving our application to track costs for 16 feasibility studies for the project.
- Ms. Tracy mentioned the meeting handouts provided to CBO Stakeholders, including:
 - A glossary of commonly referred terms
 - An overview of the 16 feasibility studies
 - A feedback schedule overview
 - A description of final alternatives workstreams
- Ms. Tracy presented a high-level overview of the feasibility study categories and the timeframe for issuing a consolidated report by June 2024 that summarizes the findings and the data of the Phase One studies.
- Ms. Tracy informed everyone that there will be feedback sessions in Mid-July, in which session topics would be determined by the forthcoming poll that will gauge which subjects members are most interested in hearing about.
- Ms. Tracy introduced an environmental consultant, Anakin Lydon, from Insignia Environmental to assist in processing and incorporating stakeholder feedback, which will be reported back in the quarterly reports.
- Ms. Tracy informed members that the 16 remaining study descriptions will be distributed in July and technical approaches summaries will be distributed at the end of August.
- Ms. Tracy reviewed member feedback on deadlines and the publication schedule for data, preliminary findings, and final reports, including:
 - Final feedback on the study descriptions is due by the end of July.
 - Final feedback on the technical approach summaries is due by mid-October.
- Ms. Tracy emphasized the importance of virtual and hybrid sessions for inclusivity and convenience.
- Ms. Tracy encouraged stakeholders to provide feedback on meeting locations and the overall process.
- Ms. Tracy's remarks concluded with a reminder to participate in the poll and engage in the member feedback sessions.

Member Survey

- Chester Britt, Angeles Link Facilitator, conducted a member survey to assess the level of interest of the project feasibility study topics to determine what subjects are important to the CBO Stakeholder Group Members, and how to orient future meetings in July.
- The first polling question asked members to rank the Market Assessment & Alternatives Workstreams. The options are listed below in the order of their rankings:
 1. Project Options and Alternatives

2. High-Level Economic Analysis and Cost Effectiveness
 3. Hydrogen End Use/Demand Study
 4. Hydrogen Production Planning and Assessment
 5. I am not interested in any of these topics
- Via Zoom chat, a stakeholder asked a clarifying question, “What is meant by high level economic analysis?”
 - Mr. Navin explained that it means looking at some of the costs and benefits at a very high level with the information that is known at the time. For example, how much is the project going to cost, how much does it cost to operate, in essence a high-level economic screening of the various options, including the project or project alternatives.
 - The second polling question asked members to rank the Regulatory, Policy, and Environmental Workstreams. The options are listed below in the order of their rankings:
 1. Environmental & Social Justice Analysis
 2. Greenhouse Gas Emissions Evaluation
 3. Land Rights
 4. Hydrogen Leakage Assessment
 5. NOx and Other Emissions
 6. Water Resource Evaluation
 7. High Level Feasibility Assessment & Permitting Analysis
 8. I am not interested in any of these topics
 - Ayn Crucian, Climate Action Campaign, asked what is meant in terms of the economic analysis and if it will include an analysis of rate payer impacts and the costs to consumers paying the bills for the project.
 - Mr. Navin explained that the Phase One economic analysis will focus on the total cost of the project. The allocation and payment of these costs will be addressed in future phases of the project.
 - The third question asked members to rank their interest in Engineering Design Workstreams. The options are listed below in the order of their rankings:
 1. Plan for Applicable Safety Requirements
 2. Workforce Planning and Training Evaluation
 3. Preliminary Routing and Configuration Analysis
 4. Pipeline Sizing and Design Criteria
 5. Not interested in any
 - The final question was “How would you prefer the review of these additional work study descriptions to occur with other CBOSG members?” The options are listed below in the order of their rankings:
 1. Two hybrid meetings (In person + virtual) for 4-6 hours each to cover all the topics.
 2. Three virtual meetings organized by major workstream categories that allow members to join based on their level of interest in the subject matter.
 3. One hybrid meeting (In person + virtual) for 4 hours to cover top four priorities.
 4. No additional meetings are needed to cover the remaining work descriptions. Providing feedback in writing is sufficient.

Member Feedback

- Mr. Britt asked members for their thoughts and concerns about the feedback schedule for the 16 work streams and the results of the survey. He reminded participants of the different ways participants can provide their feedback. Verbal comments were encouraged, but other forms of input, such as emails and phone calls, were also accepted. Online chat messages were recorded

and collected as part of the meeting's input. Stakeholders were also informed that they could discuss matters after the meeting as well.

- Marcia Hanscom, Ballona Wetlands Institute, raised a question regarding the schedule and its alignment with ongoing experiments related to hydrogen/methane and safety. Ms. Hanscom mentioned participating in a workshop related to hydrogen/methane and a permitting process with the CPUC. She expressed confusion about how the schedule presented aligns with the three-year experiment period to ensure the safety of having more than 20% hydrogen in pipelines and facilities. Ms. Hanscom inquired about the speed of the project in comparison to the safety experiments.
 - Mr. Navin explained that the workshop Ms. Hanscom attended was a separate effort from the Angeles Link project. The joint utilities workshop examined the demonstration efforts for blending hydrogen into the existing natural gas system and had a distinct two to three-year timeframe. The Angeles Link project, however, involves the construction of a new dedicated hydrogen pipeline, which does not currently contemplate reusing the existing natural gas pipeline system. Mr. Navin emphasized that the Angeles Link project is dedicated to transporting 100% hydrogen.
- Thelmy Alvarez, Watts Labor Community Action Committee, expressed a concern about the schedule and the absence of a provision for processing and involving member-based organizations and stakeholders. Ms. Alvarez highlighted the need for support in facilitating conversations and creating focus groups to gather feedback from communities that may be impacted by the new technologies. She suggested allocating a month for collecting feedback and emphasized the importance of bringing information back to community organizations and member bases.
 - Mr. Britt explained that the current phase of the project involves a scoping process where technical studies are being prepared and contracts are being aligned. He emphasized the importance of incorporating input from stakeholders to ensure that the work reflects their concerns. He acknowledged the need for organizations to gather collective input from their members during this scoping phase and encouraged discussions on how to facilitate that process. However, he also emphasized that the July deadline should not be seen as the only opportunity for input and subsequent opportunities would arise in August, September, and October, as well as during the presentation of results later in the year and early next year. He assured Ms. Alvarez that the feedback process would be built into the project's timeline, allowing for further engagement.
 - Ms. Tracy added that SoCalGas is open to hosting these focus groups and would collaborate with the stakeholders to find a suitable approach. She acknowledged the importance of balancing the stakeholders' workload and committed to providing relevant information and opportunities for feedback.
- Marsha Hanscom, Ballona Wetlands Institute, revisited the question of using 100% hydrogen and mentioned experts from a workshop who stated that anything more than 20% hydrogen had not been proven safe.
 - Mr. Navin clarified that the scientists in the workshop were referring to the existing natural gas system, which can accommodate 5% to 20% hydrogen with current equipment. He explained that purpose-built hydrogen pipelines, which use specific materials, are already in use in the U.S. and are different from the existing natural gas system.
 - Ms. Hanscom sought further clarification, stating that combustible hydrogen cannot be used alone for energy and must be mixed with other fuels.

- Mr. Navin reiterated that the Angeles Link project was a separate effort from the workshop Ms. Hanscom attended and aimed to displace traditional fossil fuels with hydrogen in various applications.
- Hyepin Im, Faith and Community Empowerment, commented that she was unfamiliar with the technical aspects of the project that were being discussed and expressed the need for onboarding sessions to improve her understanding to be able to contribute more meaningfully to future meetings.
- Enrique Aranda, Soledad Enrichment Action, expressed his interest in high-level economic analysis and emphasized the importance of discussing the tangible benefits and career pathways associated with the pipeline. He felt that these aspects had not been adequately addressed thus far. He also highlighted the need for clarity and honesty in the discussion, stating that some participants were familiar with the process and scoping sessions but often struggled with understanding the technical jargon. He would like this feedback to be considered moving forward.
- Ayn Craciun, Climate Action Campaign, asked via Zoom chat regarding whether the economic analysis would consider the cost impacts on ratepayers. She expressed concern about the disproportionate burden on low-income communities, particularly in relation to the high cost of hydrogen.
 - Mr. Navin explained that Phase One of the project would focus on high-level economics, including job creation and the distribution of benefits to communities affected by energy infrastructure. He acknowledged that the cost allocation and detailed discussion of costs would likely be addressed in Phase Two. Mr. Navin explained that the current focus was on establishing demand, identifying hydrogen suppliers, determining infrastructure requirements, and understanding the potential users of hydrogen.
- Kenta Estrada-Darley, Coalition for Responsible Community Development, asked questions regarding the feasibility study's workforce planning and training, as well as the analysis of construction, maintenance, community benefit setup, and environmental and social justice impacts.
 - Mr. Navin addressed the labor aspect, stating that SoCalGas values a strong union workforce and would consider the need for training and potential employment opportunities both during construction and operation of the facility. He mentioned that a significant portion of SoCalGas's annual spending comes from disadvantaged and small business owners, which would also be considered.
 - Ms. Tracy added that the environmental justice component would be considered, including both the potential impacts on communities and strategies to mitigate those impacts. She emphasized the importance of receiving feedback throughout the process to ensure the inclusion of appropriate metrics and information.
- Ayn Craciun, Climate Action Campaign, commented on the need for a more inclusive approach and highlighted the importance of providing relevant information to the consumers. She mentioned that consumers need guidance on how the piping system will impact their family's health and the quality of water. She suggested that providing such relevant information would enable stakeholders to provide more intentional and helpful feedback.

Project Purpose and Need

- Mr. Navin led the presentation and discussion on the project's purpose and need. At the top of his presentation Mr. Navin thanked Ms. Leon-Grossman for the land acknowledgement suggestion. He introduced the project's focus on using 100% hydrogen for hard-to-electrify

sectors like heavy-duty transportation and manufacturing. He explained that the goal of the project is to accelerate decarbonization and clean Southern California's air by providing clean fuels and electrons. He continued by stating that the project focuses on decarbonizing challenging sectors of Southern California's economy, such as heavy-duty trucks and the ports. Goals include improving air quality, enhancing energy system reliability and resiliency, and reducing the need for facilities like Aliso Canyon. Hydrogen is seen as a potential solution, and the project aims to create an efficient and safe hydrogen infrastructure. Electrolysis is used to produce hydrogen from renewable electricity. SoCalGas operates a common carrier Open Access Pipeline for hydrogen transportation. Phase One involves studying the impacts and benefits of the entire process. Mr. Navin encouraged comments and questions and refers to a handout for further details.

Member Feedback

- Mr. Britt began the member discussion section by acknowledging Mr. Navin's emphasis on the Purpose and Need for a clean hydrogen transportation system to reduce greenhouse gas (GHG) emissions in the mobility and transportation sector. He invited a discussion on the Purpose and Need of the Angeles Link project and its potential to achieve those objectives.
- Mr. Fisher began by stating his appreciation for the opportunity to contribute to the planning process. He highlighted the health issues faced by their communities and expressed support for the shift towards a clean hydrogen transportation system. He requested data on the impacts of similar projects in other regions to better understand the benefits and effects on communities. He concluded by expressing his enthusiasm for participating in the discussion.
- Ms. Myhra expressed curiosity about the production of clean renewable hydrogen before the Angeles Link project. She asked if SoCalGas has other projects involved in that process, specifically in the transportation sector. She asked for clarification on whether Angeles Link is the only project or if there are other production projects that SoCalGas is involved in.
 - Mr. Navin addressed Ms. Myhra's questions by explaining that SoCalGas is involved in various hydrogen-related activities. However, the Angeles Link project does not include hydrogen production by SoCalGas. SoCalGas is primarily focused on facilitating connections with other hydrogen producers. He compared SoCalGas's role to electric utilities, which transmit electricity without generating it themselves.
- Ms. Craciun asked a question via Zoom. She raised concerns about the open-source nature of the proposed pipeline system and emphasized the need for renewable sourcing of hydrogen to avoid increasing carbon emissions. She questioned the inclusion of fossil fuel-sourced hydrogen, highlighted the higher NOx emissions from burning hydrogen compared to methane gas, and expressed safety concerns regarding hydrogen's explosiveness and the potential use of ammonium nitrate for storage. She ended by asking for information on sourcing, air pollution, and safety issues.
 - Mr. Navin clarified that SoCalGas's application to the CPUC is specifically for a green hydrogen pipeline system and emphasized SoCalGas's commitment to supporting California's decarbonization policies. He mentioned the significance of the Inflation Reduction Act (IRA) and the federal support it provides for decarbonized hydrogen. Mr. Navin highlighted that fuel cells used in heavy-duty transportation produce no NOx emissions, and for combustion processes, there are control technologies available to address NOx. He also mentioned that hydrogen safety is a part of SoCalGas's study, and they will collaborate with experts to examine it further.

- Ms. Leon-Grossman asked about safety, there is a question about the detection methods for hydrogen compared to methane, and the source of water for the electrolyzers is also raised as a concern.
 - Mr. Navin responded by stating that the safety study considers the need for hydrogen detection methods, such as odorants or illuminants. Research programs by the federal government and the DOE are exploring these options. As for water, a major study investigates water sources, reuse possibilities, and the water-intensive nature of traditional fossil fuel production. Hydrogen production can help conserve water resources, and there is potential to recapture water through hydrogen use.
 - Ms. Tracy added that SoCalGas will not produce hydrogen and is working with third-party producers who have secured water rights and established relationships with wastewater treatment facilities. These producers are strategically locating their production facilities near these facilities.
- Mr. Estrada-Darley asked why the pipeline needs to be placed outside the Los Angeles Basin.
 - Mr. Navin responded that SoCalGas will consider the best opportunities for hydrogen production and assess various options. Starting with a smaller, localized version of Angeles Link in Los Angeles may be explored. Sunny areas may be favorable. Assessing the planned locations of hydrogen producers is essential in identifying suitable regions.
- Ms. Vega raised concerns about the Aliso Canyon gas storage facility and its impact on the community. She questioned whether SoCalGas intends to proceed with the requested increase in gas storage limits or if there are plans to shut down the facility within the timeline set by the CPUC and the Governor.
 - Mr. Navin responded that the Angeles Link project aims to replace or reduce the need for Aliso Canyon facility with hydrogen. It intends to obtain permits, build infrastructure, and involve community organizations to achieve this goal.
- Mr. Fisher once again expressed appreciation for the design and emphasized the importance of community engagement. He suggested conducting focus groups to address misconceptions and concerns within the communities. He also recommended early meetings with these groups to prepare them for future job opportunities and ensure they are well informed about the project.

Alternatives Discussion

- Mr. Navin presented the alternatives to the Angeles Link project. He presented various alternatives, such as electrification, energy efficiency, biogas, and carbon capture. The delivery methods of hydrogen, including trucking and rail, were also considered. The presentation mentioned the cost effectiveness of the project, federal and state support, and the assessment of environmental impacts, including cultural and disadvantaged community considerations.
- Mr. Britt opened the discussion by inviting the CBOSG members to share their thoughts and provide input on these options or suggest additional alternatives for consideration.

Member Feedback

- Mr. van de Hoek suggested considering above-ground hydrogen pipelines for transparency, safety, and faster maintenance. He proposed locating facilities in desert areas with solar power and planting trees along pipeline corridors. Existing rights of way, like hydroelectric or natural gas pipelines, were also mentioned as potential routes.
- Ms. Andrews suggested providing the pros and cons of each alternative so the members could have informed opinions about each of the alternatives presented.
 - Mr. Britt reminded the members that the studies have not yet started, and the results will address the concerns raised. They mentioned that this is a scoping process to ensure

all concerns are addressed and that there will be multiple opportunities to review the progress and results of the studies.

- Mr. Navin reminded the members that SoCalGas will be engaging with the audience throughout the process to share preliminary results, gather input, and eventually present final findings.
- Ms. Hanscom proposed an alternative idea of implementing rooftop solar panels on every building in LA County combined with battery storage. She suggested exploring this alternative to transition away from methane and reduce greenhouse gas emissions.
- Mr. Fisher recommends studying the job opportunities and educational benefits that could result from the hydrogen fuel transition. He also proposes including an education component in the study to assess the additional opportunities that could be created for programs in the LA Unified School District and other educational initiatives. The aim is to highlight the economic and educational benefits associated with the project.
- Mr. Aranda emphasizes the importance of being active partners in the design process and demystifying hydrogen. He highlighted the need for education and community involvement to address environmental justice concerns. Sharing personal experiences of pollution's impact, he stressed the importance of including these considerations in the project framework to address skepticism and promote understanding.
- Ms. Tovar expressed concerns about the emphasis on electrification in the study. She suggested a separate study specifically focused on electrification to ensure thorough consideration. She also emphasized the need to explore renewable energy options and inquire about the estimated percentage of the study dedicated to electrification.
 - Mr. Navin acknowledged the importance of electrification as an alternative and expressed openness to incorporating the input. Mr. Navin mentioned the need to explore various solar sources to meet the demand for clean solutions in different sectors. Mr. Navin further shared that the project aims to address areas that are challenging to electrify, such as heavy-duty trucks and high heat manufacturing. The study will assess the interplay between different solutions, including hydrogen, wind and solar, and energy efficiency. Detailed information on the study's methodology will be shared in the future.
- Ms. Leon-Grossman raises several important questions regarding the study. She inquired about who will conduct the study and emphasized the need to consider the time factor, particularly in relation to the availability of workers for electrification projects. She also mentioned the importance of exploring non-combustion storage solutions like pump hydro and compressed air storage. Lastly, she highlighted the significance of equity and asked about the involvement of tribal communities in the consultation and consent process.
 - Mr. Navin acknowledged the comment about consultation and consent from tribal communities, noting that it is an important aspect to address. He also clarified that the Angeles Link Project is focused on the hard-to-electrify sectors such as heavy-duty transportation and industrial processes, rather than residential homes. He mentioned that a range of electrification options will be considered, including potential solutions for interseasonal energy storage. Lastly, Mr. Navin stated that he did not know if the consultant for the study had been selected, but updates will be provided once it is finalized.
 - Ms. Tracy added that the final decision requires an environmental impact analysis, including a focus on environmental justice issues associated with the alternatives. She mentioned that input on this matter is welcomed. Additionally, she mentioned that the environmental assessment work, including the assessment of environmental justice

issues and tribal resources, is being performed by Insignia, the same consultant handling the overall environmental assessment in Phase One.

- Mr. Estrada-Darley asked for clarification in how to think about alternatives analysis since the alternatives being discussed mainly focus on production or consumption aspects, while the Angeles Link project primarily pertains to transportation.
 - Mr. Navin clarified that while SoCal Gas will not directly produce hydrogen, the assessment of the Angeles link project will consider the impacts associated with hydrogen production, even if they do not own or operate those facilities. The goal is to evaluate the overall project, including the involvement of traditional gas producers and renewable energy developers in the production of hydrogen.

Next Steps & Upcoming Meetings

- Ms. Marquez closed out the meeting by expressing gratitude for the feedback received during the convening. She outlined the next steps, including sending a debrief email with slide decks and reports, providing study descriptions, and sharing a calendar for collaborative review. She also informed the group of a QR code for feedback submission and emphasized that feedback is still welcomed. She ended by informing the group that SoCalGas staff would be available for further questions after the meeting, and an optional tour was being offered. She gave instructions to meet with AltaSea staff for the tour.

Key Themes from the CBOSG Q2 Meeting

- **Inclusivity and Diversity:** Stakeholders emphasized the importance of including diverse perspectives and representatives from different communities, ensuring an inclusive stakeholder engagement process.
- **Transparent and Timely Communication:** Stakeholders stressed the need for transparent and timely communication, providing updates, and responding to stakeholder feedback throughout the process.
- **Environmental and Social Justice:** Participants highlighted the significance of addressing environmental justice concerns, mitigating impacts on disadvantaged communities, and including input from frontline communities.
- **Trust and Connection:** Building trust and establishing strong connections between project staff and stakeholders were seen as essential for effective engagement. Having a designated point person for support and clarification was emphasized.
- **Education and Awareness:** Stakeholders stressed the importance of educating communities about the project, conducting comprehensive feedback processes, and ensuring well-informed decision-making.
- **Active Participation and Tangible Impact:** Stakeholders emphasized the need for active participation, meaningful action based on feedback received, and feeling that their contributions make a tangible impact on the project.

Appendix A

CBOSG Attendee Roster

#	First Name	Last Name	Affiliation	Attendance
CBOSG Members				

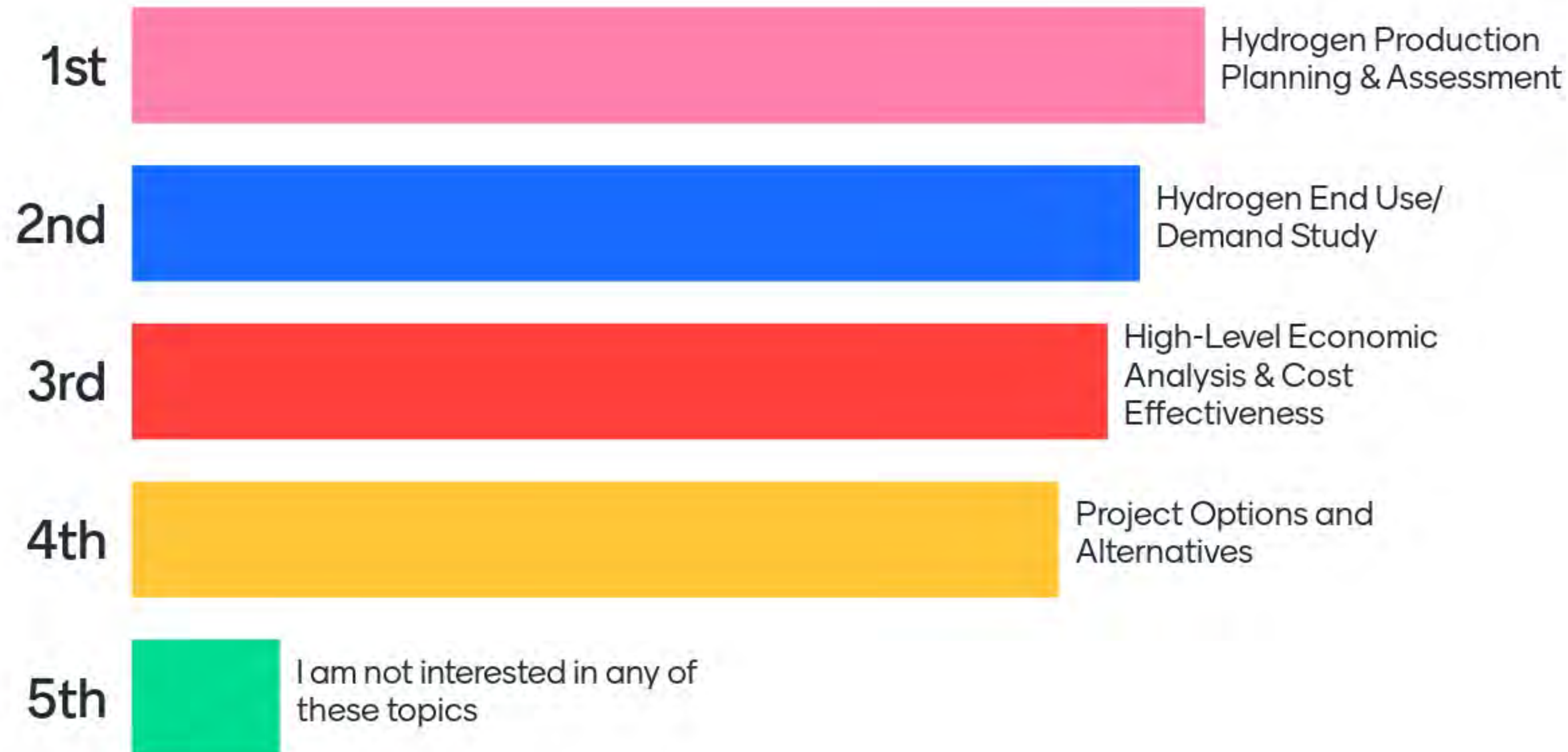
#	First Name	Last Name	Affiliation	Attendance
1	Marcia	Hanscom	Ballona Wetlands Institute	In-Person
2	Marc	Carrel	Breathe Southern California	In-Person
3	Jessy	Shelton	California Greenworks	In-Person
4	Rene	Williams	California Native Vote Project	Virtual
5	Christopher	Arroyo	California Public Utilities Commission	Virtual
6	Daisy	Ma	Chinatown Service Center	In-Person
7	Kerry	Situ	Chinatown Service Center	In-Person
8	Ayn	Craciun	Climate Action Campaign	Virtual
9	Roselyn	Tovar	Communities for a Better Environment	In-Person
10	Kenta	Estrada-Darley	Coalition for Responsible Community Development (CRCD)	In-Person
11	Robert	van de Hoek	Defend Ballona Wetlands	In-Person
12	Jackson	Garland	Defend Ballona Wetlands	Virtual
13	Hyepin	Im	Faith and Community Empowerment (FACE)	In-Person
14	Andrea	Vega	Food & Water Watch	In-Person
15	Michael	Fisher	Greater Zion Church Family	In-Person
16	Kristin	Fukushima	Little Tokyo Community Council	Virtual
17	Ella	Cavlan	Parents, Educators/Teachers, and Students in Action (PESA)	Virtual
18	Faith	Myhra	Protect Playa Now	In-Person
19	Shawna	Andrews	Reimagine LA Foundation	In-Person
20	Enrique	Aranda	Soledad Enrichment Action, Inc.	In-Person
21	Xochitl	Herrera	Soledad Enrichment Action, Inc.	In-Person
22	Gerry	Salcedo	Southeast Rio Vista YMCA	In-Person
23	Andrea	Williams	Southside Coalition of Community Health Centers	Virtual
24	Andrea	Leon-Grossmann	Vote Solar	In-Person
25	Thelmy	Alvarez	Watts Labor Community Action Committee	In-Person
Project Team				
26	Chester	Britt	Arellano Associates	In-Person
27	Sohrab	Mikanik	Arellano Associates	In-Person
28	Trey	Grogan	Arellano Associates	In-Person
29	Stevie	Espinoza	Arellano Associates	In-Person
30	Sasha	Cheechov	Arellano Associates	Virtual
31	Anniken	Lydon	Insignia Environmental	In-Person
32	Armen	Keochekian	Insignia Environmental	In-Person
33	Alisa	Lykens	Insignia Environmental	Virtual
34	Nikki	Buffa	Latham & Watkins	Virtual
35	Alma	Marquez	Lee Andrews Group	In-Person
36	Rick	Garcia	Lee Andrews Group	Virtual

#	First Name	Last Name	Affiliation	Attendance
37	Alan	Rodriguez	Lee Andrews Group	In-Person
38	Alyssa	Martinez	Lee Andrews Group	In-Person
39	Stephanie	Graves	Lee Andrews Group	In-Person
40	Rina	Padula	SoCalGas	Virtual
41	Chanice	Allen	SoCalGas	Virtual
42	Karin	Fickerson	SoCalGas	Virtual
43	Emily	Grant	SoCalGas	In-Person
44	Jill	Tracy	SoCalGas	In-Person
45	Neil	Navin	SoCalGas	In-Person
46	Andy	Carrasco	SoCalGas	In-Person
47	Hector	Moreno	SoCalGas	Virtual
48	Katrina	Regan	SoCalGas	In-Person
49	Armando	Infanzon	SoCalGas	In-Person
50	Theresa	Dao	SoCalGas	In-Person
51	Sebastian	Garza	SoCalGas	In-Person
52	Edith	Moreno	SoCalGas	In-Person
53	Trisha	Muse	SoCalGas	In-Person
54	Douglas	Chow	SoCalGas	In-Person
55	Yuri	Freedman	SoCalGas	In-Person

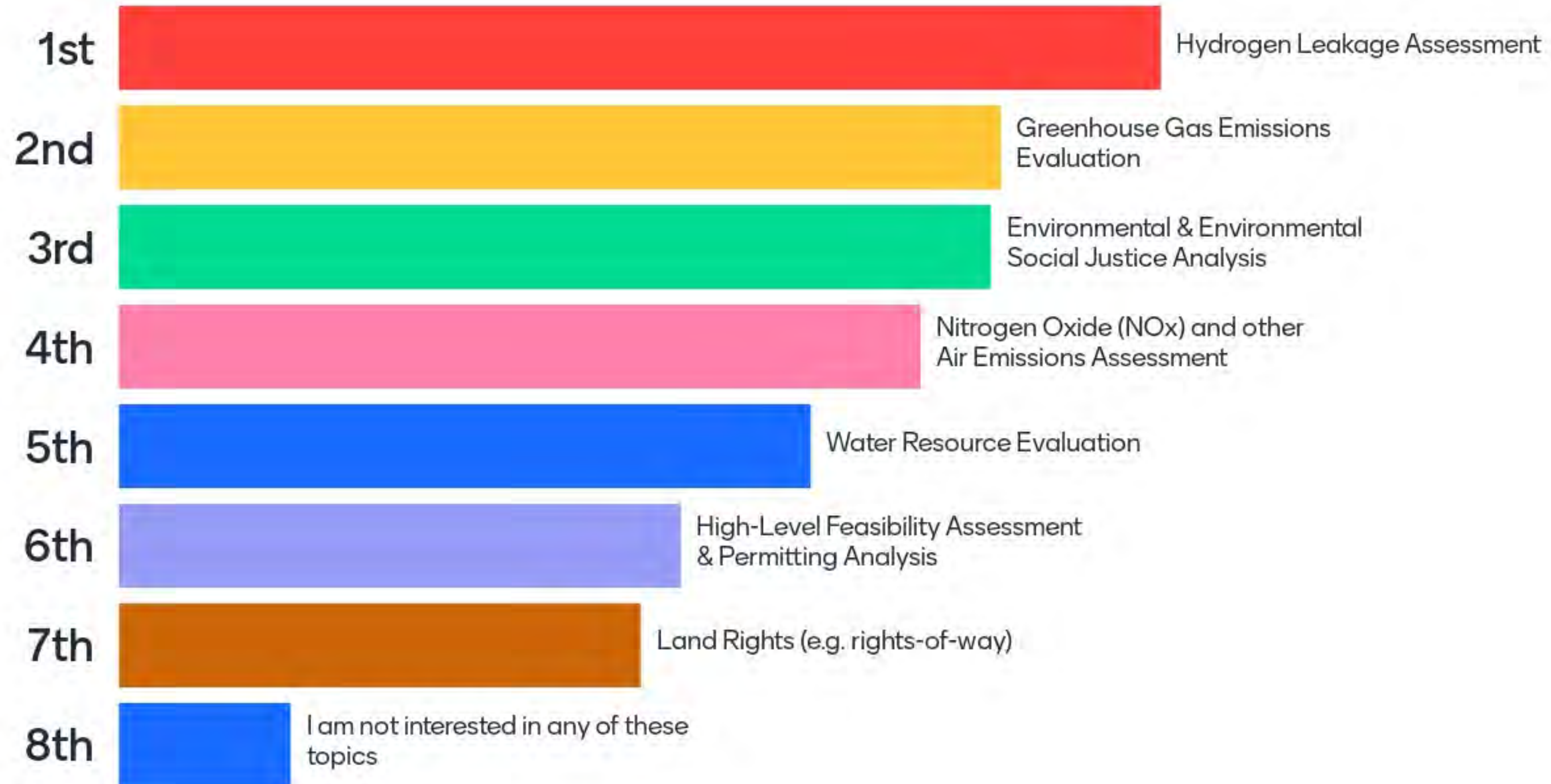
**APPENDIX 6 –
PUBLIC ADVISORY
GROUP SUMMARY
REPORTS**

Please hold while we wait for all participants to join. The activity will begin shortly.

Rank Market Assessment & Alternatives Workstreams



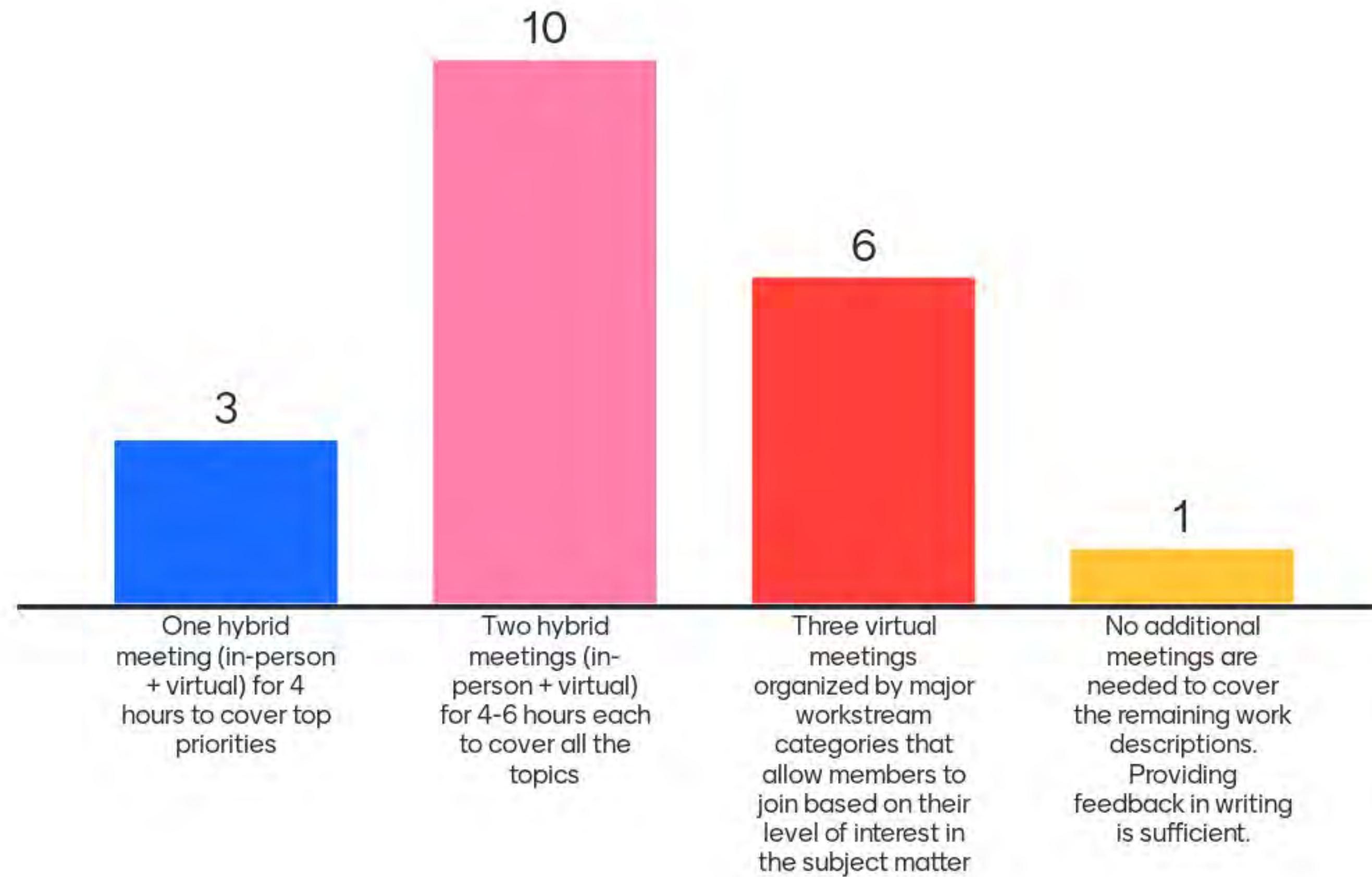
Rank Regulatory, Policy & Environmental Workstreams



Rank Engineering Design Workstreams



How would you prefer the review of these additional work study descriptions occur with other PAG members?



PAG Q2 Post Survey Feedback								
Q1: 1.What did you like about the format/logistics of the stakeholder meeting, including check-in process, venue, refreshments, room setup, and materials provided?	Q2: What could be improved about today's format/logistics?	Q3: What information included in the pre-meeting materials was helpful?	Q4: Was there any information that you would have liked to have been included in the pre-meeting materials? If so, what?	Q5: Did you have the information you needed in the meeting packet that was distributed today?	Q6: What did you like about the presentations? What could be improved?	Q7: Did you find the information relevant to the community you represent? If not, why not or what information could we provide that is more important to you?	Q8: Did the meeting provide meaningful opportunities for engagement?	Q9: Please provide any specific suggestions for future communications/meetings.
	Limit speakers to 3 minites							
Checkin and venue were great. Room setup was good.	Having key questions with each segment to help keep folks focused. The end can have general comments, but focused session topics would help with overall flow.	All of it.	Participants contact info (if they're willing to share).	Mostly. Would have been good to have the materials distributed two days in advance if full copies will not be provided the day of.	Presentations were short and on point.		Yes.	



ANGELES LINK



ANGELES LINK: PLANNING ADVISORY GROUP OPTIONAL MEETING

Meeting Summary

May 18, 2023

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Background

In addition to engaging with PAG members at quarterly meetings, separate optional PAG meetings may be held throughout Phase One as needed. An optional PAG meeting was held on Thursday, May 18, 2023, via Zoom to share the Stakeholder Engagement Plan (SEP). The SEP is intended to provide a blueprint for how stakeholder engagement will be conducted over the Phase One related activities for Angeles Link. The SEP and meeting agenda were sent to PAG members 72-hours in advance of the meeting.

The purpose of the interim PAG meeting was to:

- Provide an overview of the SEP
- Share the tentative PAG meeting schedule
- Solicit input and feedback from PAG members on the governance of Angeles Link stakeholder engagement

PAG members in attendance were from the following organizations:

- | | |
|---|--|
| • Air Products | • Natural Resources Defense Council |
| • California Manufacturers & Technology Association | • Southern California Generation Coalition |
| • Cal Advocates | • The Utility Reform Network |
| • California Hydrogen Business Council | • Utility Consumers' Action Network |
| • Communities for a Better Environment | • University of California, Irvine |
| • California Public Utilities Commission | • UWUA Local 483 |
| • Earth Justice | • UWUA Local 132 |
| • Environmental Justice League | |

Please refer to Appendix A for a complete list of attendees.

MEETING NOTES

Welcome

- Chester Britt, Executive Vice President at Arellano Associates and PAG Facilitator, opened the meeting by reviewing meeting protocols and providing a brief overview of the agenda.
- Emily Grant, SoCalGas Angeles Link Senior Public Affairs Manager, thanked meeting attendees for their participation and explained they would forego self-introductions for this meeting but encouraged them to attend the meeting in June to do so.
- Mr. Britt explained the project schedule. He introduced the SEP document, a flexible plan for stakeholder engagement during Phase One activities.
- Mr. Britt emphasized the importance of building a two-way bridge between stakeholders and the technical team in which information is shared both ways.
- Mr. Britt explained the importance of fostering a relationship with stakeholders and implementing an equitable process where all stakeholders' input is received and considered.
- Last, Mr. Britt explained there would be project planning transparency with proactive dissemination of information throughout the process.
- Tyson Siegele, Utility Consumers Action Network, expressed concerns regarding SoCalGas's consistency with the Final Decision.
 - Mr. Britt explained the concerns were being taken into consideration, and some of the concerns would be addressed throughout the presentation. However, if there were still compliance concerns, there was an opportunity for additional dialogue.
- Mr. Siegele asked when the stakeholders will receive the scope of work documentation.
 - Mr. Britt explained the documentation should be provided to PAG participants a week prior to the scheduled meeting on June 28th. He also explained the session on the 28th will be more robust and allow time to discuss the documents.
- Mr. Siegele asked for confirmation on the status of contract signings and if any work had begun.
 - Mr. Britt informed him that the status of the contract was not within his purview, however, the purpose of sharing the scope of work documentation is for PAG members to be able to review and provide feedback on the scope of work.
 - Ms. Grant informed Mr. Siegele she would be happy to speak with him offline to address his concerns and further noted the current presentation incorporated some of his feedback.

Stakeholder Governance

- Mr. Britt discussed the roles of the project team regarding stakeholder governance
 - SoCal Gas is responsible for identifying potential members for the PAG and CBOSG, making technical studies available, providing that the process is transparent, coordinating with the CPUC Energy Division to comply with the Final Decision, and convening and facilitating the content for quarterly meetings.
 - The facilitation consultant is responsible for documenting the meetings and feedback.
 - The PAG is responsible for providing technical input on project design and development. The PAG is also representative of stakeholders of Southern California. The CBOSG is representative of the community-based organizations along the project corridor in the Los Angeles Basin, and they have the opportunity to advance the needs of the local community and facilitate access to project resources.
- Mr. Britt again emphasized the importance of engagement guidelines such as:
 - Providing input in the process
 - Actively participate in reviewing materials and discussions

- Being curious and open to the opinions of others
 - Designate an alternate to cover, if member is not available
- Mr. Britt then reminded attendees of the meeting series, which will allow multiple opportunities for in-person and virtual interaction with the project team and other PAG members to provide Phase One Study technical feedback.
- Alma Marquez, Vice President of Government Relations at Lee Andrews Group and the CBOSG Lead, informed attendees about the application to join the CBOSG and informed attendees as of the meeting date, there are 22 members.
- Ms. Marquez noted the feedback on the CBO application process that had been implemented and informed attendees they would be accepting applications for the CBOSG until there were 35 organizations.
- Ms. Marquez also discussed the pay structure for quarterly and optional meetings and briefly touched on the payment timeline.

Key Audiences

- Mr. Britt showed a diagram of the PAG with different categories of the represented groups. He emphasized the importance of the group's diversity to provide different viewpoints.
- Ms. Marquez explained the CBOSG also aims to foster a diverse group. She touched on the six key areas and informed attendees if there was any organization the group felt they should be connecting with, let them know in the chat.

Communication Methods

- Mr. Britt introduced the various ways in which the project team could provide technical information in a digestible fashion to the members:
 - General factsheets, FAQs, and glossary of terms
 - Topical factsheets to deal with more specific subjects
- Mr. Britt explained the documents are being developed in time for upload to the Angeles Link website by the June 28th meeting, and the project team will continue to update the page throughout the process.
- Mr. Britt touched on the various ways the project team will interact with the PAG members outside of meetings:
 - Website
 - Digital engagement tools
 - Project email
 - Surveys
 - Staff correspondence

Stakeholder Engagement Program

- Mr. Britt informed attendees there would be quarterly meetings through mid-2024. The agendas and supporting materials for these meetings will be available at least one week before the quarterly meetings and 72-hours before any optional meeting. He also informed attendees that meetings were set to be alternating between in-person and virtual formats, with the option to join the in-person sessions via webcast.

Documentation

- Mr. Britt also noted that a court reporter was documenting all meetings to capture all feedback.
- Mr. Britt noted that SoCalGas would incorporate feedback from the PAG and CBOSG in the quarterly report to CPUC.

Other Engagement Options

- Mr. Britt informed attendees SoCalGas would send out a thematic bulletin of common concerns mid-cycle rather than responding to the same request multiple times.
- Jack Brouwer, University of California, Irvine, asked if the CPUC approval for the third phase would require ratepayer funding for any of the three phases or are all three already encompassed in the current accounting.
 - Jill Tracy, SoCal Gas, explained the original memo account application contemplated three phases, but only a memo account to record Phase One costs was approved.
- Marna Anning, Utility Reform Network, expressed concerns that the PAG technical input should not absolve SoCal Gas of its responsibility to conduct technical analysis. She noted that her organization expects to see SoCalGas' independent analysis and then have an opportunity to respond to it. She also expressed concern about policy issues that may arise and the PAG's ability to address them accurately. She expressed interest in the PAG being involved in identifying the relative metrics and benchmarks that will be used. She also raised concerns about how the feedback from the public will be incorporated and if it will comply with the Final Decision. She touched on ensuring the PAG members are updated on milestones throughout the completion of Phase One. Additionally, she stressed the importance of providing clear information regarding the progress of federal funding. She also called for a longer document review time because she felt the one-week time frame was insufficient to review documents thoroughly. Lastly, she noted the importance of the distinction between CBO compensation and intervenor compensation.

CPUC Quarterly Report Status

- Ms. Grant assured the group the Project Team was listening to the concerns raised throughout the meeting. She said she would attempt to get the PAG agenda and materials sent more than one week before the meeting to allow members more time to review the documentation.
- Ms. Grant informed that the first quarterly report was sent to the CPUC last week, containing stakeholders' feedback, response documents, meeting summaries, and attendee lists.
- Ms. Grant also informed attendees that there would be a document outlining the comment submission timeline and specifics leading up to the June meeting. She then invited attendees to contact her with any additional questions they may have.

PAG Group Discussion

- Ms. Grant, addressing Ms. Anning's concerns, clarified the distinction between CBO compensation and intervenor compensation.
- Mr. Siegele noted that though they are limiting the CBOSG to 35 members, the Final Decision states that any organization impacted should be in attendance. He is concerned about surveys as both sides of the issues need to be represented. He feels all meetings should have both a virtual and in-person option available. He disagrees with some of the information presented at

the first PAG regarding the proceedings. He feels meeting formats should primarily be focused on hearing discussion from the PAG.

- Arthur Fisher, California Public Utilities Commission, asked where he can find the date of the next meeting.
 - Mr. Britt explained the save-the-date invitation to the meeting will be sent shortly.
- Mr. Fisher agreed with Ms. Anning's sentiment regarding agenda and meeting documentation being accessible earlier than one week before the meeting. He suggested four or five weeks to consult with their technical staff before the meeting. He also asked how the agenda priorities were set for the current meeting and how they will be set for meetings in the future.
 - Ms. Grant explained that the agendas are based on feedback from previous workshops but offered the Project Team was happy to collaborate on agenda topics with the group.
- Mr. Fisher asked if it was feasible to do a poll at the previous meeting to determine the agenda for the next meeting.
 - Ms. Grant stated the Project Team would be open to taking a survey to gauge the PAG's interest in agenda topics but said there is no commitment for the items to appear on the agenda. She reiterated it was a collaborative process.
 - Mr. Siegele agreed with Mr. Fisher and expressed it would be beneficial to hear from the PAG experts on the subject.
- Ms. Anning agreed with both Mr. Siegele and Mr. Fisher and added that the quarterly report was difficult to analyze to determine the party's input. She recommended that the party's input should be attached to the summary report, not just transcriptions, as some of the meaning can be lost in translation. She also expressed concerns about webcasting and participants being able to engage with the materials.
 - Mr. Britt explained it will be an interactive webcast to allow all participants to engage with the materials.
- Via the chat, Sara Gersen asked, "Is there a list of participants in the PAG and CBOSG?"
 - Ms. Grant responded in the chat, "Hi Sara - Yes! The best way to reference participants is by checking out the Q1 Quarterly Report Appendices. We list participants here, as well as attendance records that are included in both summary reports for each meeting. It's important to note too the participants change per meeting but those records will be included/sent as part of the meeting summary report."
- Ms. Grant wrapped up the meeting by thanking attendees for their participation and reminded them of the next meeting on June 28th.

Key Themes from the Optional PAG Meeting

- Interest in reviewing scope of work documentation
- Request for PAG agenda and meeting materials being available to the members earlier than seven days prior to meetings
- Concerns regarding how PAG feedback is being incorporated
- Concerns regarding compliance with the Final Decision
- Interest in a poll to gauge PAG interest on agenda items for the upcoming meeting

Next Steps

- A summary report including a copy of the presentation will be sent to PAG members
- Stakeholder feedback and summary report will be included in the quarterly report to the CPUC
- PAG meeting will be held in-person on June 28, 2023

Appendix A

Optional PAG Meeting Attendee Roster

#	First Name	Last Name	Affiliation
PAG Members			
1	Seth	Hilton	Air Products
2	Arthur	Fisher	Cal Advocates
3	Katrina	Fritz	California Hydrogen Business Council
4	Lance	Hastings	California Manufacturers & Technology Association
5	Christopher	Arroyo	California Public Utilities Commission
6	Chris	Myers	California Public Utilities Commission
7	Theo	Caretto	Communities for a Better Environment
8	Sara	Gersen	Earth Justice
9	Russell	Lowery	Environmental Justice League
10	Pete	Budden	National Resources Defense Council
11	Norman	Pedersen	Southern California Generation Coalition
12	Marna	Anning	The Utility Reform Network
13	Jack	Brouwer	University of California, Irvine
14	Tyson	Siegele	Utility Consumers' Action Network
15	Mike	Cormode	UWUA Local 132
16	Ernest	Shaw	UWUA Local 483 Transmissions and Storage
Project Team			
17	Chester	Britt	Arellano Associates
18	Sasha	Cheechov	Arellano Associates
19	Sohrab	Mikanik	Arellano Associates
20	Stevie	Espinoza	Arellano Associates
21	Alan	Rodriguez	Lee Andrews Group
22	Alma	Marquez	Lee Andrews Group
23	Alyssa	Martinez	Lee Andrews Group
24	Joey	Legaspi	Lee Andrews Group
25	Rick	Garcia	Lee Andrews Group
26	Nikki	Buffa	Latham & Watkins
27	Avisha	Patel	SoCal Gas
28	Douglas	Chow	SoCal Gas
29	Edith	Moreno	SoCal Gas
30	Emily	Grant	SoCal Gas
31	Frank	Lopez	SoCal Gas
32	Jill	Tracy	SoCal Gas
33	Megan	Angarita	SoCal Gas
34	Melissa	Hovsepien	SoCal Gas
35	Sebastian	Garza	SoCal Gas

#	First Name	Last Name	Affiliation
36	Vageha	Khan	SoCal Gas



ANGELES LINK



PLANNING ADVISORY GROUP QUARTERLY MEETING #2

Meeting Summary

June 28, 2023

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Background

The second quarterly PAG meeting was held on Wednesday, June 28, 2023, at Altea Sea at the Port of Long Beach. The meeting was intended to provide an opportunity for members to review and provide feedback on Phase One Study scoping materials. The meeting agenda and Project Alternatives Study Descriptions were shared with PAG members two weeks prior to the meeting. For those unable to attend in person, a virtual option via Zoom was made available. Additionally, members were given the chance to participate in a guided tour of the port facilities, led by Alta Sea staff.

The purpose of the second quarterly PAG meeting was to:

- Provide an overview of Phase One Study scoping materials
- Solicit input and feedback from PAG members on:
 - Schedule and Approach to Phase 1 Studies
 - Project Purpose and Need
 - Project Alternatives

PAG members in attendance were from the following organizations:

- | | |
|--|---|
| • Agricultural Energy Consumers Association | • Public Advocates Office at the CPUC |
| • Air Products | • Sierra Club |
| • California Energy Commission | • South Coast Air Quality Management District |
| • California Hydrogen Business Council | • Southern California Generation Coalition |
| • California Manufacturers & Technology Association | • Southern California Pipe Trades District Council 16 |
| • California Public Utilities Commission | • Southern California Water Coalition |
| • Communities for a Better Environment | • The Utility Reform Network |
| • Energy Independence Now | • University of California, Irvine |
| • Environmental Justice League | • University of California, Riverside |
| • Green Hydrogen Coalition | • Utility Consumers' Action Network |
| • Harbor Trucking Association | • UWUA Local 483 Transmissions and Storage |
| • Independent Energy Producers | |
| • International Longshore and Warehouse Union Local 13 | |
| • Port of Los Angeles | |

Please refer to Appendix A for a complete list of attendees.

MEETING NOTES

Welcome

- Chester Britt, Executive Vice President at Arellano Associates and planning Advisory Group (PAG) Facilitator, opened the meeting by introducing himself and welcoming attendees.
- Alma Marquez, Vice President of Government Relations at Lee Andrews Group, welcomed PAG members to the meeting and provided an overview of the results from the prior week's Community Based Organizations Stakeholder Group (CBOSG) and described the feedback heard. She also noted there will be continued engagement with both the CBOSG and the PAG throughout the project process.
- Mr. Britt then reviewed meeting protocols and provided a brief overview of the agenda.
- Emily Grant, SoCalGas Senior Public Affairs Manager, thanked meeting attendees for their participation and delivered a Safety Message on navigating the port meeting venue and fireworks safety due to the Fourth of July.
- Mr. Britt then facilitated brief introductions in which PAG attendees stated their name and affiliation. For full attendance information, see Appendix A.
- Mr. Britt introduced Terry Tamminen, President and Chief Executive Officer at AltaSea to introduce himself.
- Mr. Tamminen thanked attendees for participating and provided a brief background of AltaSea. He also explained their goal of educating the public about the importance of the ocean and the future of the 'blue economy' in both education and the economy. He expressed the importance of renewable energy, and the ocean is a significant part of sustaining the population in the immediate future. Mr. Tamminen also discussed UCLA's carbon capture project and its goal to find ways to produce hydrogen sustainably. Last, he explained their interest in 'blue technology,' which consists of underwater machines, sensors, and robotics to assist in a better understanding of the ocean and its benefits. Mr. Tamminen invited attendees to sign up for the AltaSea newsletter and attend open houses to learn more about Alta Sea, its supporting companies, and its goals.
- Mr. Britt thanked Mr. Tamminen for his introduction and introduced Maryam Brown to give the SoCalGas Welcome.

SoCalGas Welcome

Maryam Brown, President of SoCalGas, opened her welcome by thanking Ms. Grant for the safety message and Mr. Tamminen for lending the Alta Sea venue for the PAG and CBOSG meeting. Ms. Brown stressed the importance of the PAG meetings and acknowledged the various commonalities between all attendees of the meeting:

- The desire for clean energy.
- The understanding of the importance of the way clean energy is achieved.
- The importance of working together and sharing ideas to create the best strategies to move forward.

Ms. Brown expressed how she believes that Angeles Link could be the cornerstone of Southern California's clean energy economy. She listed three potential benefits from the Angeles Link project, including, to significantly reduce greenhouse gases and local air pollution, to support a thriving economy in the LA Basin, bring jobs that support a strong middle class, and present a potential pathway to close

Aliso Canyon, which is very important to several stakeholders. Ms. Brown also noted that Angeles Link had the potential to impact clean energy and the approach to clean energy implementation across the country, since California is the leading state in clean energy development and often influences other states that may be less attentive to environmental standards and community concerns. She also emphasized the importance of the feedback provided by the CBOSG and the PAG and the two-way dialogue between SoCalGas and community stakeholders. Ms. Brown acknowledged the request by some of the PAG members to have more time to review the materials before the PAG and provide input that shapes the upcoming PAG agendas and how this information has shaped the quarterly reports. Finally, Ms. Brown rethanked attendees for their participation and feedback throughout the process. She then introduced Jill Tracy to begin the PAG.

SoCalGas: Schedule & Approach to Phase 1 Study Feedback

- Jill Tracy, Senior Director of Regulatory and Policy at SoCalGas, expressed her gratitude for PAG members who joined the meeting in person and expressed the importance of the PAG feedback. Ms. Tracy then instructed attendees to review the schedule and approach document for Phase 1, which explains the process and milestones until June 2024. She expressed the three climate goals supporting the urgency Phase 1: reducing GHG emissions by 40% below 1990 levels by 2030, reducing GHG emissions by 85% below 1990 levels by 2045, and alignment with the 2022 CARB Scoping Plan.
 - Mr. Brouwer, University of California, Irvine, asked if the reduction in GHG emissions was for both SoCalGas operations and the delivered product.
 - Ms. Tracy explained there is a net zero goal by 2045 for all of SoCalGas's Scope 1, 2, and 3 emissions, but the stated goals are California's governing goals more broadly.
- Ms. Tracy presented a high-level calendar overview from the April quarterly report, which included market demand, production, project economics and alternatives, environmental and land use considerations, and technical scoping and engineering timeframe studies. She explained the process began in January 2023 with the drafting of the scope. Ms. Tracy then introduced the Angeles Link senior leadership team responsible for each study.
 - Yuri Friedman is responsible for market demand.
 - Amy Kitson is responsible for technology and engineering.
- Ms. Tracy reminded the group they had received the individual study descriptions and acknowledged the feedback from the PAG requesting more information on the studies. She explained that the descriptions are an example of what to expect in the coming weeks for PAG information and that there would be the same opportunities to review and provide feedback. Ms. Tracy informed the group there would be two interim meetings, one in-person and virtual, in mid-July 2023, to focus on the input from the PAG members on the work streams and how the feedback will be collected and included in the quarterly reports. She also informed attendees there would be an upcoming poll to determine the topics for the interim meetings. Last, Ms. Tracy clarified that the deadline for feedback on all 16 work schedules would be the end of July, and that feedback will be processed by Insignia Environmental, which has extensive experience collecting stakeholder feedback on NEPA and CEQA major energy infrastructure projects.
- Ms. Tracy then delved further into the format of the mid-July meetings. She explained the next deliverable would be the technical approach to the studies. The deliverable is a version of the document that SoCalGas will provide to the PAG attendees at the next quarterly meeting. Ms. Tracy explained these mid-July meetings would focus on gathering feedback on the materials

before the quarterly meeting in August. Two weeks later, at the quarterly meeting, the subject matter experts will present the same information to answer any questions attendees may have. Ms. Tracy explained that feedback is due to Insignia two weeks after that. Ms. Tracy explained that the process will be the same for the data and preliminary findings, available at the end of November, with feedback due by the end of January 2024. By this time, Ms. Tracy noted attendees would be able to see the outcomes of the Phase 1 studies. Draft reports are expected to be released in March 2024, two weeks before the next quarterly meeting, the two interim meetings to provide feedback, and feedback due by the end of April 2024. Final reports will be issued in mid-June 2024 to complete Phase 1. Ms. Tracy then passed it back to Mr. Britt to conduct a feedback poll.

Member Survey

- Mr. Britt instructed attendees to access the poll online and in person. Mr. Britt also informed in-person attendees of paper versions of the survey for those who preferred a hard copy. He also noted that the project team would combine the results from the PAG with those from the CBOSG to better understand the group's priorities. Mr. Britt introduced the first poll, which asked attendees which of the 16 work study schedules they were most interested in discussing. Attendees chose hydrogen production planning and assessment and hydrogen end uses and demand study as the topics they were most interested in. The second poll asked attendees to rank regulatory policy and environmental work streams. The third poll asked attendees to identify work streams related to engineering design. The last poll asked attendees how they would prefer to review the additional work-study descriptions with the PAG. Attendees favored having two hybrid meetings. Mr. Britt then closed the polls and introduced the member discussion. Poll results are found in Appendix B.

Member Discussion

- Andy Carrasco, SoCalGas's Vice President, Communications, Local Government and Community Affairs, began the member discussion by expressing the importance of PAG feedback and that he looked forward to working with the PAG to gather their feedback and implement it into the PAG activities.
- Neil Navin, Chief Clean Fuels Officer for SoCalGas, thanked attendees for their participation and feedback.
- Mr. Britt provided brief instructions for the member discussion and informed both online and in-person attendees on ways to participate in the discussion, including written comments. Mr. Britt then prompted attendees to discuss their thoughts on the 16 works study schedules presented by Ms. Tracy and whether they felt comfortable with the amount of time given to review the materials.
- Theo Carretto, Communities for a Better Environment, asked if the PAG would receive any additional information to review. He explained that regarding the project alternatives, for example, there was specific information missing that would be helpful in determining what kind of feedback would be the most useful to the project team.
 - Mr. Navin stated there will be a presentation during that day's PAG meeting that will give attendees an opportunity to view the work methodology and to allow them to comment on more throughout the process.
 - Ms. Tracy requested Mr. Carretto to communicate any specific topics he wished to discuss during the comment process. She informed him that while there would be a separate time for addressing technical matters, the document primarily emphasized the

scope. Therefore, the feedback should concentrate on the scope to facilitate an iterative process where one topic is concluded before moving on to the next.

- Tyson Seigel, California Utility Consumer Action Network, expressed concern regarding overlapping studies and the speed of the process. He explained his concern about the studies commencing before the PAG could view the scope of work. He explained that a concern posed by the California Utility Consumer Action Network, which had yet to be addressed by the project team, is the overestimation of demand projection. He quoted the latest California Energy Commission report, which did not match the demand projections of battery electric vehicles within the medium and heavy-duty categories. Mr. Siegel also asked how hydrogen gains demand and market share within the clean energy industry while competing with a more expensive product than other clean energy alternatives. Last, he inquired about why the project team was conducting the studies overlappingly before performing the demand analysis.
 - Mr. Navin informed Mr. Seigel that the basis of the demand study would be provided in the next batch of information. He also explained that due to the nature of the work and the schedule of 18 months, it is necessary to have overlapping studies. Mr. Navin also addressed Mr. Seigel's concern regarding the demand use estimation and noted there are several viewpoints on the demand for hydrogen in the coming future, and the project team will incorporate a range of input and perspectives in the study.
- Michael Boccadoro, Agriculture Energy Consumers Association, expressed his concerns about the affordability of this action. He noted Ms. Brown expressed affordability was one of the central tenets of the project but expressed that SoCalGas rates are quickly becoming unaffordable. Mr. Boccadoro voiced concern about the project and that the cost could spread to those who do not directly benefit from the pipeline.
 - Mr. Navin explained the primary goal of the project is to examine the cost and compare cost between a variety of methods. He also expressed costs will be looked at closely throughout the entire process.
- Nathaniel Skinner, Public Advocates Office at the CPUC, commented that it might assist attendees in providing feedback if SoCalGas broke up the sections on the agenda to allow attendees to comment on only the subject they feel is important and provide concise feedback.
 - Mr. Britt expressed the importance of Mr. Skinner's feedback, and explained it is essential to hear feedback from the PAG on how the project team can better assist members to get the information they are seeking.
- Jack Brouwer, University of California, Irvine, agreed with Mr. Seigel's sentiment that there will be an increased use of batteries throughout the economy but also noted that he feels the better document to use for these estimations was conducted by metropolitan transit organizations. He also explained that hydrogen should not be viewed as competing with electricity but as a complementary vector.
- Aaron Katzenstein, South Coast Air Quality Management District, agreed with Mr. Brouwer that electricity and hydrogen complement one another. He also noted hydrogen could be used as a drop in solution for vehicles that cannot be plugged into the grid, because it is not configured that way.
- Ernest Shaw, UAW Local 43, expressed concern about the elimination of jobs in the Aliso Canyon area, as he has members of the union who rely on employment in this area.
- Mike Galvin, Port of Los Angeles, expressed support for clean energy projects as the port has a 2030 net zero goal and Mr. Galvin feels clean energy, hydrogen specifically, would be the best way to do it. Mr. Galvin also noted that clean energy will benefit the workforce as well by improving their working conditions, which will also improve their health. Mr. Galvin explained

that he expects hydrogen to continue to operate as a diesel parity for heavy duty supply chain management. He expressed the importance of affordability and an open marketplace as a way to reduce costs and commercialize clean energy.

- Norman Pedersen, Southern California Generation Coalition, asked why SoCal Gas is proposing blending up to 20% in the natural gas stream, as he feels this is a low value use for the organization.
 - Mr. Navin explained that while some hydrogen needs require pure, 100%, hydrogen, there is an opportunity to reuse the natural gas infrastructure through hydrogen blending. However, he made the distinction that Angeles Link is separate from the blending efforts, but there is an opportunity to utilize blending to catalyze the immediate demand. Mr. Navin stated that SoCal Gas will be exploring hydrogen blending and its role in clean energy.
- Sara Gersen, Sierra Club, requested a clear definition of the production methods being considered. Ms. Gersen expressed concern that electrolytic hydrogen was produced with energy, it places an additional load on the grid, instead of relieving it.
 - Mr. Navin explained that the application to CPUC was for a green hydrogen pipeline. He also explained that they will make it clear during the studies the assumptions made about how the hydrogen will be transported. He also expressed that SoCal Gas would act in its traditional role to provide connections from those who produce hydrogen to those who consume it.

SoCalGas: Project Purpose & Need

- Mr. Britt introduced Mr. Navin to discuss the project purpose and needs.
- Mr. Navin explained we are under immense pressure to transition and electrify as many end uses in California and deliver solutions to the parts of the economy which are unlikely to be easily electrified. Mr. Navin stated the purpose of the project is to:
 - Address the opportunity to reduce greenhouse gases using clean, renewable, and green hydrogen and improve air quality in Southern California
 - Maintain energy, reliability, resiliency, and flexibility within energy systems
 - Provide long-duration clean, renewable energy storage

Mr. Navin noted that Aliso Canyon is an important part of the energy market, and it will operate in that fashion longer if the hard-to-electrify sectors are not transitioned to something like hydrogen.

- Mr. Britt asked attendees about their thoughts on what Mr. Navin presented.
- Brian Goldstein, Energy Independence, discussed concerns about the decarbonization goals and expressed he felt the discussion would best be geared at the how to most efficiently transition in the quickest way, not a referendum on hydrogen.
- Mr. Galvin emphasized the purpose of the meeting to understand what needs to be done between now and 2035 to meet the net zero goals in the interim.
 - Mr. Navin noted it is part of SoCalGas's plan to look at the build out over time and how to phase the study to reach the goals.
- Sal DiCostanzo, ILWU Local 13, asked if he could receive a copy of the presentation. Mr. DiCostanzo also echoed the sentiments of previous speakers in emphasizing the importance of this process for the working class, and as a way to improve their lives. He described a concept of combining environmental and economic justice to ensure that remaining industry can thrive in the region.

- Mr. Shaw echoed sentiment from previous speakers and underscored the importance of ensuring that the process of electrification and energy transition does not burden ratepayers. He continued by highlighting the importance of working together in a coordinated effort to make the process effective.
- Rodney Cobos, Southern California Trades District Council 16, asked if a combination of Angeles Link and electrification will get us to our clean energy goals faster than electrification alone.
 - Mr. Navin responded that electrification is a solution for smaller vehicles, but that hydrogen is a better solution for larger vehicles. He continued by explaining that Angeles Link could displace about a billion gallons of diesel a year.
- Jan Jones, Independent Energy Producers, explained that the electricity sector in California has made great strides, with a decrease in GHG emissions from 23% to 16% since 2008. She continued by explaining their interest in Angeles Link as a component of the electricity sector's larger efforts to reach California's climate goals.
- Nathaniel Skinner, Public Advocates Office, provided a recommendation that goals one and two are duplicative of four, six, and seven. He recommended splitting the goals out and having one focus on efficient energy transportation, a second goal being safe transportation, and another focusing on where to start developing the infrastructure (e.g., considering storage facilities in the ports). He continued by underscoring the importance of a just transition and the need to focus on cross-training and workforce development for employees whose jobs will be displaced by the transition.
 - Mr. Navin responded by thanking Mr. Skinner for his recommendations, and that they will consider tweaking the stated purpose and goals of the project.
- Jack Brouwer, UCI, commented on Aliso Canyon as a valuable resource that, for a very low cost, is a massive storage resource. He continued by saying that we should consider alternatives that will be safe in perpetuity, such as compressed air storage in those facilities that already have electric infrastructure.
- Mr. Seigel explained that the biggest question is how we decarbonize quickly and cost effectively and that those considerations go hand-in-hand because if you can put in the most cost-effective equipment, then you're going to be able to put in more of it and reduce emissions more quickly. He expressed concern that light duty fuel cell vehicles are not being produced by major manufacturers anymore. He expressed the importance of focusing on what makes sense for electrification versus hydrogen. He continued by expressing concern about reliability and the cost of a long pipeline. He explained that SoCal Gas's sister company charges 2.7x the amount for electricity now than customers in Sacramento. He used this to highlight the importance of ensuring that this project benefits Californian citizens. He implored SoCal Gas to consider the costs of the project and if it makes sense for long duration energy storage.
 - Mr. Navin responded by saying that there is a lot of interest in understanding the long-term use of assets like Aliso Canyon. He said that a recent summer reliability assessment suggested California does not enjoy a resilient electric system during peak hours.
- Mr. Britt concluded the purpose and need presentation of the PAG by releasing all participants on a short break.

Summary of Phase 1 Project Options and Alternatives Study

- Mr. Britt informed attendees there would be a tour of Alta Sea available after the PAG meeting. He then invited Mr. Navin to discuss project options and alternative studies.
- Neil Navin explained the process of conducting an alternatives analysis. He explained the continued research that will be conducted regarding the application of various forms of clean

energy into manufacturing, logistics, and energy consumption. He also emphasized the importance of cost, and ensured SoCal Gas would be addressing cost concerns to reach the \$1 per kilogram projection by the Department of Energy. Mr. Navin touched on the importance of researching the impact of energy infrastructure on disadvantaged communities and how they can be better served with access to clean energy.

Member Discussion

- Mr. Britt began the member discussion by asking if the four project options presented by Mr. Navin, electrification, energy efficiency, renewable natural gas, and carbon management, were considered good alternatives.
- Mr. Skinner noted he would be interested to see hydrogen blending in the existing pipeline system as a project option which would then split and separate the gas for end use.
 - Mr. Navin explained that SoCalGas had not originally considered hydrogen splitting as a project option, but because of research and PAG comments, it is something to consider in the interim of a dedicated new pipeline system.
- Mr. Goldstein pointed out that there is growing importance for light duty vehicle electrification. He explained that the adoption of fuel cell alternatives for light duty vehicles will drive down the cost and increase the commonality of clean energy to the heavy-duty sector.
- Mr. Galvin commented that it was important to look at the project alternatives not as competition but alternate ways to achieve the goal of clean energy.
 - Mr. Navin assured Mr. Galvin that SoCalGas was seriously considering alternatives and potential combinations to create a system that is effective to the end users.
- Mr. Brouwer expressed his belief that all the project alternatives support the end goal of Angeles Link to reach the hard-to-electrify areas.
- Mr. Caretto noted on the description of work he felt energy efficiency and electrification were missing a line for demand response technology. He also noted that he would like to see a line of study under energy efficiency that considers the efficiency of delivering electricity direct to the user or utilizing renewable generation for delivery. He also expressed concern regarding the greenhouse gas impacts associated with producing hydrogen if it is not produced through renewable energy sources such as wind and solar.
- Mr. Seigel mentioned the localized hydrogen hub and explained it would be beneficial to compare both localized hydrogen to pipeline delivery in terms of the Inflation Reduction Act. He noted larger clients, such as LADWP, may have the ability to produce it themselves, and may do so to receive the federal tax credit.
- Ms. Gersen noted the summary of options and alternatives was missing alternatives to hydrogen for electric generation or other forms of energy storage.
 - Mr. Navin acknowledged Ms. Gersen's concern and stated it is important to focus on what we can do today and take into account other technologies that will emerge and support the energy transition.
- Arun Raju, UCR, asked how the project team engages with the PAG on specific topics and subgroups within the larger group to address more focused concerns.
 - Mr. Navin explained the studies will be conducted by experts in the field. He also extended the invitation to anyone in the PAG to attend these meetings and comment.
 - Ms. Tracy echoed Mr. Navin's sentiment and added that although the 15 studies are scheduled for two meetings, if it is too much to cover, there will be a third meeting. She also noted some sensitivity to the diversity of the PAG group and including perspectives of individuals who may not be experts in the field.

- Mr. Britt noted there would be multiple opportunities throughout the 18-month duration of the project to discuss and comment on the studies.
- Mr. Shaw agreed with Mr. Brouwer's statement that all the project alternatives support the end goal of clean energy.
- Mr. DiCostanzo asked if all elements of the battery life cycle were being taken into consideration in the discussion of clean energy including sourcing of elements, disposal, repurposing, etc.
 - Mr. Navin explained that SoCalGas understands the challenges related to sourcing of rare earth metals but would not be delving into it in the current economic study.
- Russell Lowery, Environmental Justice League, inquired about SoCalGas' engagement with the end users. He also expressed his organization interest in reducing emissions arousing the Port of LA and their support for battery electric vehicle, but he also expressed concern the infrastructure would be able to support large scale implementation in the near future. He explained his understanding of the project would be enhanced by understanding the speed and prioritization from the end user perspective.
 - Mr. Navin explained Yuri Freidman would be leading a discussion with both producers and end users of hydrogen. He also noted the supply and demand studies will be conducted directly with those who intend to produce and use hydrogen and studies which look at the opportunities for hydrogen on both a local and national level.
- Karla Sanchez, Harbor Trucking Association, expressed concern about the CARB Clean Fleets Rule and the transition to zero emissions by 2024 and interest in how the PAG could create solutions within their clean energy research for heavy duty freight.
- Norman Pedersen, Southern California Generation Coalition, requested an update on the status of the application to the Department of Energy and how much the studies were going to contribute to the success of the application.
 - Mr. Brouwer responded that the initial review of the application has been received and they have been given an opportunity to respond to the strengths and weaknesses and expects the draft decision will occur in July 2023. He stated the final hub award announcements should occur in September 2023.
 - Mr. Navin explained the application requires an explanation of how the hub might interconnect regionally and this is where Angeles Link is strong.
- Mr. Gavlin noted the Port of LA has been in talks with SoCal Gas to create a clean energy plan and they have been intimately involved with the application process.
- Mr. Seigel expressed agreement with Mr. DiCostanzo and explained there are new developments in batteries which can be reused and recycled.

Next Steps and Discuss Future Topics

- Mr. Britt concluded the meeting by thanking attendees for their participation and encouraging them to attend the upcoming meetings in July. He also informed attendees of a post-meeting survey to gather feedback on the meeting structure.

Key Themes from the PAG Quarterly Meeting

- Comments regarding the speed of Phase 1 outpacing results from demand studies
- Interest in exploring affordability of bringing hydrogen products to end users
- Interest in hydrogen blending and reusing existing pipelines for hydrogen transportation
- Interest in exploring alternatives that complement hydrogen

Next Steps

- A summary report of the meeting will be sent to PAG members
- Meetings to discuss *Market Assessment & Alternatives, Regulatory, Policy & Environmental Workstreams*, and *Engineering Design Workstreams* will be held in July 2023.

Appendix A

PAG Quarterly Meeting #2 Attendee Roster

#	First Name	Last Name	Affiliation
PAG Members			
1	Michael	Boccardo	Agricultural Energy Consumers Association
2	Maddie	Munson	Agricultural Energy Consumers Association
3	Lorraine	Paskett	Air Products
4	Seth	Hilton	Air Products
5	Robert	Spiegel	CA Manufacturers & Technology Association
6	Rizaldo	Aldas	California Energy Commission
7	Katrina	Fritz	California Hydrogen Business Council
8	Christopher	Arroyo	California Public Utilities Commission
9	Nick	Zanjani	California Public Utilities Commission
10	Theo	Caretto	Communities for a Better Environment
11	Brian	Goldstein	Energy Independence Now
12	Russell	Lowery	Environmental Justice League
13	Hope	Fasching	Green Hydrogen Coalition
14	Nicholas	Connell	Green Hydrogen Coalition
15	Karla	Sanchez	Harbor Trucking Association
16	Jan	Smutny-Jones	Independent Energy Producers (IEP)
17	Sal	DiCostanzo	International Longshore and Warehouse Union Local 13
18	Mike	Galvin	Port of Los Angeles
19	Tim	DeMoss	Port of Los Angeles
20	Chris	Myers	Public Advocates Office at the CPUC
21	Nathaniel	Skinner	Public Advocates Office at the CPUC
22	Sara	Gersen	Sierra Club
23	Aaron	Katzenstein	South Coast Air Quality Management District
24	Norman	Pedersen	Southern California Generation Coalition
25	Rodney	Cobos	Southern California Pipe Trades District Council 16
26	Charles	Wilson	Southern California Water Coalition
27	Marna	Paintsil Anning	The Utility Reform Network
28	Jack	Brouwer	University of California, Irvine
29	Arun	Raju	University of California, Riverside
30	Tyson	Siegele	Utility Consumers' Action Network (UCAN)
31	Ernest	Shaw	UWUA Local 483 Transmissions and Storage

#	First Name	Last Name	Affiliation
32	Robin	Downs	UWUA Local 483 Transmissions and Storage
Non-PAG Members			
33	Sohrab	Mikanik	Arellano Associates
34	Genoveva	Arellano	Arellano Associates
35	Chester	Britt	Arellano Associates
36	Trey	Grogan	Arellano Associates
37	Stevie	Espinoza	Arellano Associates
38	Sasha	Cheechov	Arellano Associates
39	Marybel	Batjer	California Strategies
40	Anniken	Lydon	Insignia Environmental
41	Armen	Keochekian	Insignia Environmental
42	Alisa	Lykens	Insignia Environmental
43	Nikki	Buffa	Latham
44	Alan	Rodriguez	Lee Andrews Group
45	Rick	Garcia	Lee Andrews Group
46	Alma	Marquez	Lee Andrews Group
47	Alyssa	Martinez	Lee Andrews Group
48	Rina	Padula	SoCalGas
49	Kent	Kauss	SoCalGas
50	Emily	Grant	SoCalGas
51	Jill	Tracy	SoCalGas
52	Neil	Navin	SoCalGas
53	Andy	Carrasco	SoCalGas
54	Maryam	Brown	SoCalGas
55	Edith	Moreno	SoCalGas
56	Yuri	Freedman	SoCalGas
57	Katrina	Regan	SoCalGas
58	Armando	Infanzon	SoCalGas
59	Sebastian	Garza	SoCalGas
60	Theresa	Dao	SoCalGas
61	Frank	Lopez	SoCalGas
62	Amy	Kitson	SoCalGas
63	Douglas	Chow	SoCalGas
64	Hector	Moreno	SoCalGas
65	Eric	Hofmann	SoCalGas
66	Chris	Gilbride	SoCalGas

Appendix B

Poll Results

Question	Answer
Rank Market Assessment & Alternative Workstreams	1 st - Hydrogen Production Planning & Assessment 2 nd - Hydrogen End Use/ Demand Study

	<p>3rd- High-Level Economic Analysis & Cost Effectiveness</p> <p>4th- Project Options and Alternatives</p> <p>5th- I'm not interested in any of these topics</p>
Rank Regulatory, Policy & Environmental Workstreams	<p>1st- Hydrogen Leakage Assessment</p> <p>2nd- Greenhouse Gas Emissions Evaluation</p> <p>3rd- Environmental & Environmental Social Justice Analysis</p> <p>4th- Nitrogen Oxide (NOx) and other Air Emissions Assessments</p> <p>5th- Water Resource Evaluation</p> <p>6th- High-Level Feasibility Assessment & Permitting Analysis</p> <p>7th- Land Rights (e.g. rights-of-way)</p> <p>8th- I'm not interested in any of these topics</p>
Rank Engineering Design Workstreams	<p>1st- Plan for Applicable Safety Requirements</p> <p>2nd- Workforce Planning & Training Evaluation</p> <p>3rd-Preliminary Routing/ Configuration Analysis</p> <p>4th-Pipeline Sizing & Design Criteria</p> <p>5th- I'm not interested in any of these topics</p>
How would you prefer the review of these additional work study descriptions occur with other PAG members?	<p>1st- Two hybrid meetings (in-person + virtual) for 4-6 hours each to cover all the topics</p> <p>2nd- Three virtual meetings organized by major workstream categories that allow members to join based on their level of interest in the subject matter</p> <p>3rd- One hybrid meeting (in-person + virtual) for 4 hours to cover top priorities</p> <p>4th- No additional meetings are needed to cover the remaining work descriptions. Providing feedback in writing is sufficient.</p>

APPENDIX 7 – TRANSCRIPTS

BEFORE THE NEW CLEAN ENERGY INFRASTRUCTURE PROJECT
STATE OF CALIFORNIA
PUBLIC HEARING

In the Matter of New Clean Energy)
Infrastructure Project)
)
 ALTASEA)

)

CERTIFIED COPY

TRANSCRIPT OF PROCEEDINGS
SAN PEDRO, CALIFORNIA
Thursday, June 22, 2023

Reported by:

Alyssa Fulmer
HEARING REPORTER

Job No.:
42263LEE

<div>Page 2</div> <div> <p>BEFORE THE NEW CLEAN ENERGY INFRASTRUCTURE PROJECT</p> <p>STATE OF CALIFORNIA</p> <p>PUBLIC HEARING</p> <p>In the Matter of New Clean Energy)</p> <p>Infrastructure Project)</p> <p>ALTASEA)</p> <p>_____)</p> <p>TRANSCRIPT OF PROCEEDINGS,</p> <p>taken at 2451 South Signal Street, Berth 59 San Pedro,</p> <p>California, commencing at 10:00 a.m. and concluding at</p> <p>12:45 p.m. on Thursday, June 22, 2023,</p> <p>reported by Alyssa Fulmer, Hearing Reporter.</p> </div>	<div>Page 4</div> <div> <p>APPEARANCES ORGANIZATION NAME</p> <p>(continued):</p> <p>ENRIQUE ARANDA SOLEDAD ENRICHMENT ACTION, INC.</p> <p>ANDREA LEON-GROSSMANN VOTE SOLAR</p> <p>ALISA LYKENS INSIGNIA ENVIRONMENTAL</p> <p>THELMY ALVAREZ WAITTS LABOR COMMUNITY ACTION COM</p> <p>RENE WILLIAMS CALIFORNIA NATIVE VOTE PROJECT</p> <p>NICOLE BUFFA LW</p> <p>XOCHITL HERRERA SOLEDAD ENRICHMENT ACTION, INC.</p> <p>CHANICE ALLEN SOCALGAS</p> <p>H MORENO SOCALGAS</p> </div>
<div>Page 3</div> <div> <p>APPEARANCES: ORGANIZATION NAME</p> <p>HYEPIN IM FAITH AND COMMUNITY EMPOWERMENT</p> <p>KENTA ESTRADA CRCD</p> <p>KRISTIN FUKUSHIMA LITTLE TOKYO COMMUNITY COUNCIL</p> <p>FAITH MYHRA PROTECT PLAYA NOW</p> <p>MARCIA HANSCOM BALLONA WETLANDS INSTITUTE</p> <p>ROBERT VAN DE HOEK DEFEND BALLONA WETLANDS</p> <p>ANDREA VEGA FOOD AND WATER WATCH</p> <p>MICHAEL FISHER GREATER ZION CHURCH FAMILY</p> <p>ROSELYN TOVAR COMMUNITIES FOR BETTER ENVIRONMENT</p> <p>AYN CRACIUN CLIMATE ACTION CAMPAIGN</p> <p>SHAWNA ANDREWS REIMAGINE LA</p> <p>ANDREA WILLIAMS SOUTHSIDE COALITION COMMUNITY HC.</p> <p>DAISY MA CHINATOWN SERVICE CENTER</p> <p>KERRY SITU CHINATOWN SERVICE CENTER</p> <p>ELLA CAVLAN PARENTS, EDUCATOR'S/TEACHERS</p> <p>JACKSON GARLAND ECO ACTION CLUB AT SMC</p> <p>JESSY SHELTON CALIFORNIA GREENWORKS</p> <p>GERRY SALCEDO SOUTHEAST RIO VISTA YMCA</p> <p>MARC CARREL BREATHE SOUTHERN CALIFORNIA</p> <p>CHRISTOPHER ARROYO CALIFORNIA PUBLIC UTILITIES COM</p> </div>	<div>Page 5</div> <div> <p>SAN PEDRO, CALIFORNIA, THURSDAY, JUNE 22, 2023</p> <p>10:00a.m.</p> <p>MS. MARQUEZ: Good morning everyone, my name is Alma Marquez, and I am here representing the CBO Stakeholder Group Facilitator, and it brings me great pleasure to welcome you to today's first and in-person meetings. So for those of you who drove far and close, thank you so much for being here. I believe the farthest someone drove was from the Valley, so thank you so much, Robert, for that. We really appreciate you for north, okay, so I really appreciate you making that drive because we really want to make sure that everyone meets each other and is able to network and understand each other's roles.</p> <p>So with that said, I would also like to take this opportunity to introduce my colleague, my partner in crime, Chester Britt, who would be the official PAD facilitator, and who will be assisting us in the feedback discussion from you all throughout this today's presentation. So thank you, and it's a pleasure to work with Chester. With that said, let's move on to our next slide. Okay.</p> <p>Just to go over some housekeeping rules this</p> </div>

<p style="text-align: right;">Page 6</p> <p>1 meeting is being recorded video and audio and a court 2 reporter will be transcribing the meeting. Please 3 announce yourself before you speak. The zoom 4 microphones are muted by the host to eliminate 5 background noise. You will need to un-mute your 6 microphone when called on to speak, for both in-person 7 and online participants. So as you note, we did have 8 the opportunity to have this meeting be hybrid so we do 9 have some folks online that are joining us. So if you 10 can guys can all wave, they can see you, and we can't 11 see them right now. But we will when we go through 12 our self introductions. So we encourage you to turn on 13 your cameras, so we can better engage with you, um, as 14 far as Zoom, folks. Please feel free to use the Zoom 15 chat to provide input and ask questions throughout the 16 meeting. And if you'd like to speak, please raise a 17 hand button at the bottom of the Zoom screen. Wireless 18 microphones will be passed to the speakers that are 19 attending in-person. So, um, we will have a few folks 20 that will be passing those around and when we ask to 21 give your introductions and during the member feedback. 22 And here's today's agenda, first we'd like to 23 start of self-introductions, along with a welcome 24 message from our So-Cal staff, a warm welcome from our 25 AltaSea founder, as well, and we're going to engage into</p>	<p style="text-align: right;">Page 8</p> <p>1 Marcia Hanscom, with the Bio Wetlands Institute. And, 2 um, I think the most important thing is to have good 3 listening ears. That's communication one-on-one. 4 MS. MARQUEZ: Marcia, were you a teacher before 5 because that's such a teacher response, thank you. And 6 Jessie Shelton. 7 MS. SHELTON: Hi, I'm Jesse Shelton, I'm with 8 California Greenworks. Did you want me to answer that 9 as well? I'm going to hop on what she said as well, 10 just time. For a lot of time, I guess. Or questions 11 and answering and having a space to speak. Thank you. 12 MS. MARQUEZ: If you guys can speak a little 13 bit closer to the microphone, so for the folks, our 14 friends that are joining on Zoom can also hear you 15 that'd be great, thank you. Gerry. 16 MR. SALCEDO: Good morning, Gerry Salcedo, 17 South East River at the YMCA. And I am also with that 18 and just as much participation as possible and being 19 present. 20 MS. MARQUEZ: Thank you, Gerry. 21 Good morning, hello, good morning. 22 MR. ESTRADA: So Kenta Estrada with the 23 Coalition for Responsible Community Development in 24 South L.A. Good mood, and some you know, drinks always 25 helps, even nonformal activity settings can always help,</p>
<p style="text-align: right;">Page 7</p> <p>1 three different topic discussions throughout today's 2 meeting. We will give you all a break, of course. And 3 then we are going to conclude with some next steps and 4 our next meeting. And that's today's agenda. And at 5 the end, we will be providing you an optional lunch as 6 well as an optional tour, that will be hosted by our 7 host AltaSea. 8 So self-introductions, why are he here? Why did 9 Robert drive all the way from the Valley? Well, this is 10 why, Robert. Because we wanted to get to know who you 11 are, and we also want to know what you're organization 12 with. So we want to start off with asking a question 13 about what do you think makes a successful stakeholder 14 engagement process. So that's something that we really 15 want to be good at and this is our first time doing this 16 together in-person. So this is very important to us. 17 So with that said, let's go ahead and start with, um, 18 Marcia Hanscom, over to my right and then we will move, 19 we will move forward with our Zoom folks. 20 So Marcia, oh, you'll need a microphone. There we 21 go. 22 And if you can answer the question, what do 23 you think makes for a successful stakeholder engagement 24 process? 25 MS. HANSCOM: Okay, good morning, everybody.</p>	<p style="text-align: right;">Page 9</p> <p>1 but having a diverse group of different view points and 2 representatives of different communities is really 3 important. Thank you, Kenta. 4 MS. MARQUEZ: Enrique? 5 MR. ARANDA: Good morning, Enrique Aranda with 6 a Enrichment Action. I would agree it definitely, um, 7 brought participation and just stakeholder group is very 8 telling. And I think being in groups and engaging and 9 being transparent in the process as to the color we're 10 used to being an afterthought whenever there is a major 11 public works project or building environment 12 all-together. So it's good to be included early and to 13 be part of this process going forward. 14 MS. MARQUEZ: Thank you. 15 And if you could turn your name tag so your 16 name so you can see. There you go. Hi, nice to meet 17 you, good morning. 18 MS. MYHRA: Faith Myhra, with Faith and 19 Community Empowerment. And I think what the question 20 is, what makes good collaboration or what was the 21 question? 22 MS. MARQUEZ: What makes a successful 23 stakeholder engagement process? 24 MS. MYHRA: Got it. Got it. 25 You know, I think with all of the comments</p>

<p style="text-align: right;">Page 10</p> <p>1 that were mentioned, I agree. I think, in my 2 experience, working and knowing the actual individuals 3 in the room, and building trust, as well as actually, 4 um, intentionality with the staff, and that 5 connectivity. I think is really important because I 6 think we're, all of us, are very busy going a hundred 7 miles an hour, and when we feel that connectivity, 8 particularly with a point person on the staff side that 9 we know we can reach out to, and being able to have that 10 conversation or ask questions. I think really helps 11 that focus. Thank you.</p> <p>12 MS. MARQUEZ: And Robert?</p> <p>13 MR. VAN DE HOEK: My name is Robert Van de 14 Hoek, I'm founder of the Bio Wetland Organization for 15 over several years now, here, in Los Angeles. And I'd 16 like to I'm a scientist, and I am a college professor, 17 retired. Um, and I think listening is very important as 18 you mentioned, and then I think what you just said was 19 very vital too, that too. Buenas Dias, so, um, the 20 setting is important, the self-introductions is part of 21 that first step to getting to know that participation 22 is really good. And I can go on and on. But I'll stop.</p> <p>23 MS. MARQUEZ: Thanks Robert. Shawna?</p> <p>24 MS. ANDREWS: Hi, my name is Shawna, I'm with 25 Re-imagine L.A. And to answer the question, I would</p>	<p style="text-align: right;">Page 12</p> <p>1 electricity of the west, and I think transparency is 2 really the key, of course, listening and once someone 3 said, that if you're nothing sitting at the table, 4 you're in the menu. And I think we have been on the 5 menu for far too long. And I think they're still a few 6 stake holder that should have been here, um, and I think 7 it's important to recognize that. From, um, tribes, I 8 wish we had a line off to begin with today, and, um, if 9 few our stakeholders, I think. That's you know 10 engagement is key. Thank you.</p> <p>11 MS. MARQUEZ: And Roselyn.</p> <p>12 MS. TOVAR: I'm Roselyn Tovar, I am the energy 13 researcher at communities for a better environment. And 14 I'd say a successful stakeholder engagement process 15 really includes the input of the community and, we, 16 especially environmental justice communities, the 17 frontline communities, the communities that are going to 18 be impacted the most by this project should be engaged. 19 And should having a good educational campaign, and yeah. 20 Just making sure we also don't rush the process and that 21 there's studies of input and communities. Everyone in 22 this world has something to say outside of this room. 23 Thank you.</p> <p>24 MS. MARQUEZ: Thank you, and for our members 25 who are joining us online, I'd like to invite Kristen to</p>
<p style="text-align: right;">Page 11</p> <p>1 say the keyword in there is engagement. So that is the 2 engage with every, not individual, but sector that would 3 have take part in whatever the process is going on and 4 to be involved with from the ground up, like, how this 5 is going from the ground up to be involved. And also to 6 indicate the people that are also involved as well, so 7 that we can make a well-informed decision and be well 8 aware of what is taken place.</p> <p>9 MS. MARQUEZ: Thank you.</p> <p>10 And Andrea.</p> <p>11 MS. VEGA: Hi, all, Andrea Vega here with 12 Food and Water Watch. I would say that what makes a 13 good, you know, stakeholder engagement process is to 14 really listen and take the input from the stuff like 15 communities, the organizations that work closest with 16 them. And to bring that to, you know, to educate the 17 communities, beyond just the folks that are present in 18 this room right now.</p> <p>19 MS. MARQUEZ: Thank you.</p> <p>20 Faith.</p> <p>21 MS. MYHRA: Hi, Faith Myhra, and definitely, 22 lots of opportunity for questions and answers I think 23 makes for a good discussions. Thank you.</p> <p>24 MS. LEON-GROSSMANN: Good morning, everyone. 25 I'm Andrea Leon-Grossmann solar, of</p>	<p style="text-align: right;">Page 13</p> <p>1 un-mute yourself. Oh, I'm sorry. Please, hold Kristen, 2 I believe we have one more in-person that walked in.</p> <p>3 MR. FISHER: Hello, my name is Michael Fisher 4 and I had the pleasure of pastoring a church, called 5 credit church family company in California, a community 6 activist went CEO after nonprofit. All of that 7 wonderful stuff. I think things of that what makes for 8 a successful stakeholder engagement process is honest 9 transparent dialogue with those that represent the 10 communities, that often times and don't have a voice for 11 themselves. And so those that have the power to be able 12 to affect other families, just allowing themselves to be 13 completely transparent about not just the good, but 14 being completely transparent about where they missed the 15 mark and then being invested in hearing the opinions of 16 the gate keepers that often times represent other 17 communities. So I think that's a good thing. And I'm 18 glad to be here.</p> <p>19 MS. MARQUEZ: Thank you. And we're going to 20 pivot for just a moment to call up Jenny, to the front, 21 who where -- she's our host. This is AltaSea. And I 22 want it give her an opportunity to say a few words. And 23 then we will transition to our Zoom members.</p> <p>24 JENNY: Gosh, I do -- I do hate to make you 25 stop, but I do have to get to a 10:30 meeting. Well,</p>

<p style="text-align: right;">Page 14</p> <p>1 welcome to AltaSea. We are so happy to be hosting these 2 meetings with our great partner SoCalGas, um, who joins 3 us in a lot of our work. And it's, I'm going to say 4 something that you might not completely believe. But 5 you are on the most important property, I feel in the 6 world. This property which is a 35-acre piece of land. 7 AltaSea and our partners which include 40-plus 8 universities, 30 corporations and businesses that are 9 working in the sustainable marine face and over 50 10 nonprofit's in education and community outreach are all 11 working together to scale up solutions from the oceans 12 to mitigate climate change. And at the same time, we're 13 creating the workforce that will implement these 14 technologies and solutions quickly so that we can get a 15 head of what we all know we're facing and obtain climate 16 resiliency. Our model is to do it together, so I'm so 17 happy to hear all of you're voices because that's 18 exactly what the AltaSea model is. And we believe that 19 hydrogen must be looked at very seriously as a solution 20 to good movement, we must decarbonize it, so it's very, 21 very important work that you're all doing. 22 So welcome to AltaSea, please come to our open 23 house on June 28th, sign up for our free news letter, be 24 a member if you want. Please stay for the tours 25 because you'll see amazing things here. Right outside</p>	<p style="text-align: right;">Page 16</p> <p>1 Kristen can un-mute herself, please. 2 MS. FUKUSHIMA: Hi, folks, Kristen Fukushima, 3 so I am not the usual in-person a big event on Saturday. 4 My name is Kristen, I use pronouns and I'm with the 5 little Tokyo community counsel. Um, and for the 6 question of what makes a good community, collaboration, 7 I definitely echo in what everyone else says and, um, I 8 think, yes, really not rushing the process. And really 9 thinking about what good, um, law tours process looks 10 like and centering those lines which will help us ensure 11 to make sure that everyone's needs and concerns are met. 12 That's always really important and, yeah. Also, just 13 yes, I agree with whatever everyone else has said. 14 Thank you, for having me. 15 MS. MARQUEZ: Thank you for joining us this 16 morning. Um, and I'd encourage you to open up your 17 camera so we can see you. That would be very helpful. 18 I believe we have Andrea Williams. If you can un-mute 19 yourself, please. Okay. It looks like they might have 20 jumped off. 21 We have a Ella Cavlan from from parents, 22 educators, and teachers. 23 MS. CAVLAN: Hi, everybody, my name is Ella 24 Cavlan, and yes I am with, parents educators and 25 teachers citizens in action. Um, I also agree with what</p>
<p style="text-align: right;">Page 15</p> <p>1 here is Pacific Alliance the only farming vessel in this 2 country is now here. UCLA carbon capture plant which is 3 pulling the carbon out of the top layer of the ocean and 4 the output is green hydrogen by if it's powered by wave 5 energy could be completely a solution. And then further 6 down, is UCLAs -- USC's seaweed lab, and they have 7 discovered in the last year a break through of kelp, 8 which would mean we could grow and harvest kelp for 9 biofuel without harming the Ecosystem. And so much more 10 that you will see if you stay for the tours. 11 Again, so happy that you're here, so grateful 12 to SoCalGas to partner with us in our education and 13 partnering with us on your certificate program for 14 Marine energy in the community college system. So stay 15 and our staff, which I'd also like to thank for helping 16 this great team make this happen today are all here to 17 answer questions. But again, you're in a very, very 18 important place that has the, um, potential of making 19 great change. So let's save the world together and 20 thank you for being here. 21 MS. MARQUEZ: Thank you, Jenny. I hope all of 22 our CBOs here have that much passion for their 23 organizations, because you're great. 24 Okay. So with that, let's go ahead and pivot 25 to our members who are joining us on via zoom and if</p>	<p style="text-align: right;">Page 17</p> <p>1 everyone else has said about what makes a successful 2 stakeholder engagement. I think if you're facilitating 3 to creating that open space, to allow that transparent 4 communication, and then just the participation and 5 willingness to listen, and engage in the process as 6 apartments as well. Um, and yes, thank you for allowing 7 this to be Hybrid, and I'm happy to be here and thank you 8 so much. 9 MS. MARQUEZ: Jackson Garland, if you can 10 un-mute yourself and turn on your video. You're still 11 on mute Jackson. 12 MR. JACKSON: Hi, so sorry guys. Hi, 13 everyone, my name's Jackson Garland, I'm vice president 14 for Eco and Action Club at over at Santa Monica college. 15 I have been really interested in just hydrogen of it and 16 I am really thankful and just open ears and excited to 17 be here. 18 MS. MARQUEZ: Thank you, Jackson. 19 Welcome, Renee Williams, please. If you can 20 un-mute yourself Renee, there you go. 21 MS. WILLIAMS: Good morning, everyone. My 22 name is Renee Williams and I work with the California 23 Native Hope Project here in Los Angeles and throughout 24 California. And I definitely agree what everybody else 25 said I also do believe and hopeful that some of the</p>

<p style="text-align: right;">Page 18</p> <p>1 tribes have been invited and are participating. I am 2 not sure if they are or not and would be helpful to have 3 a line acknowledgement and I do believe that, um, having 4 a successful stakeholder engagement process is what 5 you're doing now. And inviting community members to 6 representatives to participate, thank you.</p> <p>7 MS. MARQUEZ: Thank you, Renee.</p> <p>8 And Ricardo, I apologize, if I did not read 9 that correctly. Okay. All right. So I think that 10 concludes our self-introductions. I'm not sure if 11 anyone, may have walked in, oh, we do, Ms. Alvarez.</p> <p>12 If you could hold on just a moment. Let's get you 13 a microphone, thank you.</p> <p>14 MS. ALVAREZ: Thank you, good morning, 15 everybody. My name is Thelmy Alvarez, I am with the 16 Watts labor and community action committee in Watts. 17 And what makes us successful stakeholder group, I think 18 is listening to each other and actually taking action on 19 that feedback so that it is meaningful.</p> <p>20 MS. MARQUEZ: Welcome. And do we have someone 21 else? I think we -- oh, Ayn, sorry. Yes, if you can 22 please un-mute and introduce yourself and answer our 23 question, that would be great, thank you.</p> <p>24 MS. CRACIUN: Yes, my name is Ayn Craciun, I 25 am with climate action campaign for a nonprofit clinic</p>	<p style="text-align: right;">Page 20</p> <p>1 CBOs here, already introduced and with that, I want to 2 go ahead and move us forward with our agenda. And that 3 will and moving us forward will be Emily Grant, who is 4 our senior public affairs manager at SoCalGas. So take 5 it away Emily.</p> <p>6 MS. GRANT: Thanks, Alma, good morning 7 everybody. I think I have been able to either speak 8 with or e-mail with most of you at this point, so it's 9 great to put some faces to names. Thank you again so 10 much for your time this morning. We really appreciate 11 it. You're going -- that is going to be a continual 12 theme, continual theme is a thank you, thank you, thank 13 you, for engaging with us and all of your time. So as 14 you know, SoCalGas has a very strong safety culture, so 15 we kick off most of our meetings with a safety moment 16 and we will do that with every meeting.</p> <p>17 So seeing that yesterday was the first 18 official day of summer, and the sun finally decided to 19 join us in 2023. I thought a couple of summer safety 20 tips would be appropriate. So we all know the basics, 21 stay hydrated, stay out of the sun, stay in the shade, 22 be safe around the water, I think those are pretty 23 familiar ones, wear sunscreen. A couple that might not 24 be on your radar are good to refamiliarize yourself 25 with is a first is cooling centers. If you're not</p>
<p style="text-align: right;">Page 19</p> <p>1 policy watch dog in Southern California. And terms of 2 stakeholder engagement, I think the most important 3 thing and in addition to the many great statements that 4 have been made and underscoring that is to center the 5 voices of the people in communities have always been 6 sacrificed for the profit of the corporations and the 7 fossil fuel industry, in particular. And those who 8 remain most vulnerable to climate impact as to the 9 results of those choices made by the invested interest. 10 So it's critical to fully discuss the costs of the 11 communities who bare as the result of the proposed 12 project that will be discussed, thank you.</p> <p>13 MS. MARQUEZ: Thank you.</p> <p>14 One more? Yes. Oh, microphone, please.</p> <p>15 MS. MYHRA: I think the reasons either 16 mentioned it, but I just want to emphasize it. And I 17 think we are all very busy people, everyone's busy, and 18 I think we know that our contribution is making a 19 tangible impact I think that is when everyone engages. 20 And so I hope that we could get some kind of a response 21 feedback after each meeting of where we're going and how 22 it is making a difference.</p> <p>23 MS. MARQUEZ: Yes. We will discuss that more 24 in detail during our next steps for our meeting so thank 25 you for that. And I believe we have everyone all of the</p>	<p style="text-align: right;">Page 21</p> <p>1 familiar with cooler centers, there are places you can 2 go to cool down during hot summer days, if you don't 3 have access to air conditioning, or friends and family, 4 or other people you know who don't have access, they 5 find their local cooling center. And bold and behold, 6 it turns out Google tells me, that'll the CPUC is a 7 fabulous resource for locating cooling centers near you 8 and use, so go on to the CPUC website, and type in 9 cooling center, and it'll pop right up. The second one 10 that comes to my attention being a mom of a nine-year- 11 old boy is make sure you're picking appropriate 12 footwear. My son would live in his sandals and flip 13 flops in the entire summer if he could. But it is not 14 always the best choice when he's taking a long walk or 15 riding his bike or playing sports. So take that extra 16 step, make sure you're not running around in flip flops 17 it's a great way to either way a slip and fall or 18 another injury.</p> <p>19 Then lastly, I reminder that through the 20 State, the, um, summer food service program is still 21 available for children looking to keep up with their 22 meals that they normally get when they're in school. 23 The summer food program is still in tact throughout 24 vacations and off-school hours and you find that 25 information at the Department of Education website from</p>

<p style="text-align: right;">Page 22</p> <p>1 the State of California. And that's it. Thank you 2 again so much. Thanks for being here. Oh, I'm now 3 kicking it off I would be remised, to our vice president 4 of communication, local government, and community 5 affairs Andy Corosco, is going to give you another warm 6 welcome.</p> <p>7 MR. COROSCO: Yes, and welcome sun and welcome 8 summer solstice. I'm glad we are here. I just wanted 9 to kick off by giving you a warm welcome, Beunas Dias to 10 everybody. I'm Andy, the Vice President of 11 Communications, Local Government, and Community Affairs, 12 that long title basically means, I'm all external 13 affairs and I have had the good pleasure of speaking to 14 some of you the in the past, and some of you today, and 15 look forward to talking to those folks who I haven't 16 engaged with just yet. My job and my team's job is to 17 continue to engage and to communicate with our 18 stakeholders, our customers, and that's over 500 19 communities in the service territory of SoCalGas, and we 20 welcome that and we continue to do that. But my job 21 here today is, not only just to welcome you here today 22 and thank you personally, for taking the time to be 23 here, but also more importantly, is to ask, um, for your 24 engagement.</p> <p>25 So what I heard, collectively, I heard</p>	<p style="text-align: right;">Page 24</p> <p>1 we have here today, and they're going to be many 2 opportunities to engage, are primarily is what we're 3 asking for here, is that true engagement and that 4 opportunity to hear from everyone. So let's collaborate 5 as I heard earlier today, let's be inclusive, let's lean 6 in, let's hear from you, and comments, concerns, any 7 opportunities that we have, we welcome and we truly want 8 to continue that dialogue.</p> <p>9 So thank you in advance for your honesty and 10 thank you for true partnership. Now, I get the 11 opportunity to introduce our senior director for Angeles 12 Link regulatory and policy and that's Jill Tracy, so 13 welcome Jill, thank you all.</p> <p>14 MS. TRACY: Okay, thank you. And good morning 15 everybody. I'd like to take a little pause. I see that 16 Mark showed up and we haven't had the ability to 17 introduce ourselves to him. So Mark, we had 18 introductions starting before you arrived, um, we will 19 get you a microphone and maybe you could introduce 20 yourself and what your community-based organization is 21 about and maybe what you would consider to be a 22 successful stakeholder engagement process for this 23 project.</p> <p>24 MR. CARREL: Hi, I'm sorry, I missed it. So 25 now the attentions all on me. I'm Mark Carrel with</p>
<p style="text-align: right;">Page 23</p> <p>1 listening quite a bit of maybe two, three, four times, 2 um, talk about diversity of not only of our views, of 3 our representative, but of thoughts. So I think that's 4 important. Inclusivity I think is important, making 5 sure that we engage everyone, that we have the 6 opportunity to hear from everyone's voice is important. 7 I heard that building trust and building relationships 8 because that's the foundation of every relationships for 9 everyone is trust. I heard, um, being engaged and being 10 asked to be engaged proactively taking input and being 11 honest and transparent with that input, and ultimately 12 having a very fruitful dialogue. And that means 13 sometimes we may not all be on the same page, we may not 14 all agree, we may have different diverse thoughts, but 15 that doesn't mean that we can't dialogue around that. 16 And more importantly, taking actions and reporting back 17 on what's important, and I think that brings me to my 18 second point of why I'm here.</p> <p>19 As we kick off in-person, our phase one the 20 Angeles Link, looking at your invaluable input from the 21 chairs that you sit in, the communities that you 22 represent, the people that are behind you, and even 23 those are not here with us today, and those that we can 24 continually engage, I think, is going to be important as 25 part of this process. So for me, the partnerships that</p>	<p style="text-align: right;">Page 25</p> <p>1 Southern California, the president of that organization. 2 We're a 120-year old organization that's focused on lung 3 health and clean air, and so we look at environmental 4 issues from a public health perspective. I think from a 5 public engagement standpoint are -- everyone, having the 6 opportunity to contribute and today have their voices 7 heard. I think it's critical. And I am glad that this 8 opportunity is being provided to us. Thank you.</p> <p>9 MS. TRACY: Thank you, very much, We really 10 appreciate that. And that's a great introduction to the 11 topic of my presentation, um, and that relates to how we 12 are going to put out information related to our phase 13 one studies and how we are going to be getting your 14 feedback, and logging it, and incorporating it on the 15 phase one study work. So starting with our approach and 16 our technical studies, why the urgency in what we're 17 doing in studying for phase one feasibility of the 18 Angeles Link project?</p> <p>19 As many of you know, California has set a very 20 aggressive climate goals. Including by 2030, reducing 21 our GHG admissions by 40 percent below 90 levels and by 22 2045 reducing our GHG admissions by 85 percent below 90 23 levels. We all know these are very aggressive targets 24 to make and with major infrastructure projects. 2030 25 and 2045 are essentially right around the corner and we</p>

<p style="text-align: right;">Page 26</p> <p>1 have got a lot of work to do. The commissioner has 2 directed us to perform a number of feasibility studies 3 and so the next couple of slides will kind of provide 4 you an overview of the process, um, that we are 5 intending to take and how we would like to get your 6 feedback. And then after on the presentation, we do 7 have a poll, that Chester is going to help us, um, it'll 8 be online poll, so folks in the room, and online, who 9 can give us their feedback on how best we can approach 10 providing you this information, and also getting your 11 feed back. Before I begin, I would like, there are 12 three handouts in your packets. You got your little 13 white folders, and you have some information that's 14 going to help you participate in this process. 15 One, is a glossary of commonly used terms it's 16 a two-page document printed on both sides in black and 17 white. 18 Secondly, is a glossary two-page document as 19 well, I'm sorry, it goes over the 16 feasibility studies 20 that we are performing as part of phase one. And these 21 you might be familiar with the descriptions in this 22 document. It is lifted from our first quarterly report 23 that was issued in mid April. 24 And then finally, there is a multi-colored 25 document that provides an overview of the schedule and</p>	<p style="text-align: right;">Page 28</p> <p>1 will be additional time for you guys to provide us 2 feedback through the end of July. Not only on the 3 alternative study description, but all of the remaining 4 fifteen study work descriptions that will be circulated 5 to you in the coming weeks. 6 And so this is a high level overview of that 7 timeframe. As you see in June, we have already 8 distributed the purpose and need study description, we 9 are having our meeting right now, our second quarter 10 in-person meeting, and then mid-July, we intend to hold 11 additional sessions. And how those sessions are being 12 held, there is going to be the subject of the poll after 13 my presentation. So we want to hear from you, how you 14 want to hear from us, and vise versa, so, um, be ready 15 with your phones to vote on how you would like to have 16 this information circulated and then the feedback, um, 17 incorporated into not only the study descriptions, but 18 our intent is to also document how we get your feedback 19 and how we document it, and consider it as part of our 20 quarterly reports. 21 I'd like to take a moment to introduce an 22 individual from Insignia Environmental, we have enlisted 23 an environmental consultant that has years of expertise, 24 and getting feedback, and processing feedback from 25 stakeholders, mostly in Insignia and providing relating</p>
<p style="text-align: right;">Page 27</p> <p>1 feedback approach that we are going to be going over 2 next. 3 So I just want to give everybody the 4 opportunity to review that. All right. So this slide 5 give as us the highlighted overview of the different 6 categories of studies that we're going to be embarking 7 on and also, um, the timeframe through June of 2024 8 where we intend to issue a consolidated report that 9 summarizes the findings and the data through our phase 10 one studies. And you see that there's a lot of studies 11 going on and we're here also have our CBO meetings 12 throughout this process, and then we also have our 13 quarterly reports, and then our PAG, or Planning 14 Advisory Group meetings as well, we will also be getting 15 technical feedback from our teams. 16 So our first, um, deliverable to our stakehold 17 members where our study descriptions, you have already 18 received as part of your invitation, to this meeting, 19 um, the study and description for our purpose and need 20 for the project as well as alternatives. And Neil 21 Navin, will be speaking in detail following our poll to 22 go over those materials for you and then there will be a 23 time period for you guys to provide us feedback on that 24 presentation. So and then we will be reporting that 25 information as part our feedback session and then there</p>	<p style="text-align: right;">Page 29</p> <p>1 to major energy infrastructure projects who I'd like to 2 introduce you to Anna, who's standing in the back. 3 She's going to be assisting us and processing the 4 information, creating a transparent process, to get your 5 feedback, how it's incorporated, going to have the 6 database, and we are going to report back on our 7 quarterly process as part of that. So and again, just 8 like to emphasize, at the end of July we will be 9 receiving your final feedback on the study descriptions. 10 And just to let you know, also, most of the study 11 descriptions are about one page, and then some of them 12 are a little bit longer for example, the alternatives 13 study description is about three pages, so just you can 14 level your exceptions on the amount of work. And then 15 some of the -- some parties might be interested in all 16 16 study descriptions and -- but I suspect there are 17 certain groups that will be more interested than others 18 so that's going to be part of the polling as well. So 19 we can hear back from you guys about what topics you 20 would like us to focus on because that's how we would 21 like to really focus on our engagement with you, then 22 also be able to address any specific questions or needs 23 that you would like to address as part of this feedback 24 loop. 25 Our next deliverable to you and our PAG</p>

<p style="text-align: right;">Page 30</p> <p>1 members are the technical approaches to each of these 16 2 feasibility studies. And by technical approach, we mean 3 how are we going to be analyzing the specific, for 4 example, the GHG engines, leakage and, um, our safety 5 standards and workforce training. So you're going to 6 get a little bit more into technical detail for each of 7 these studies. We anticipate that these descriptions 8 will likely be the same amount, between one and three 9 pages. And so we are going to be distributing those 10 materials by the end of August. We will be having our 11 next Q3 quarterly meeting, to discuss several topics 12 that you guys will also poll you to find out what you 13 want to hear about from us. And so we want to really 14 get your feedback and direction on what you want to hear 15 from us. So we would like to you be actively engaged 16 and to be participating in the polls. It's very, very 17 important to us and you will also see just wanted to 18 emphasis, you will be receiving the live results of 19 those polls as we sit here today and are in attendance 20 to these meetings.</p> <p>21 We will also be having additional feedback 22 sessions, they will you know they can be all virtual, we 23 can have them in hybrid, they are in-person, we will of 24 course have a virtual option for folks. Because we do 25 know there are some people that, um, can't communicate</p>	<p style="text-align: right;">Page 32</p> <p>1 the holiday vacations, vacation schedule coming up in 2 December. So we added a couple of weeks to get your 3 feedback. We will having our fourth quarterly meeting 4 at that time, so again, we will have some polls so that 5 we can get your feedback on what you would like us to 6 address. And this is where we will get a lot of into 7 the so-to-speak meat and potatoes to have actual data 8 and preliminary findings for you all to review. And so 9 we will again have an virtual session or, um, a hybrid 10 session for us to get together and go through some of 11 your questions and feedback in more detail. And then 12 we're starting to look into 2024, and so we're moving 13 pretty quickly and as we progress through the phase one 14 process, and so we expect to get your feedback by the 15 end of January. So you'll have over six weeks from 16 publishing the preliminary finding and data to when your 17 feedback is due.</p> <p>18 And then finally, in mid-March, we expect to 19 publish our draft reports. It's actually a consolidated 20 report that will consolidate all of the findings and 21 data. And we will be publishing that by mid-March, then 22 have our first quarterly meeting for 2024, by the end of 23 March, then we again, couple of weeks later, we will 24 have our virtual or hybrid feedback sessions that we 25 would like to go over additional studies that you would</p>
<p style="text-align: right;">Page 31</p> <p>1 have got summer session, a lot of people might not be 2 able to leave home and it's more convenient. So we will 3 always have a virtual session for folks, but also at 4 least for your quarterly meetings, in particular, to 5 have for us to be together in-person. Also, if you have 6 suggestions about where you would like these meetings, I 7 don't live by the Port, I found it fascinating to be 8 here though, and so I did think it's a great location, 9 um, and I thought it was really interesting, but we'd 10 also like to hear back from you too, so thanks.</p> <p>11 And then, we have got your feedback will be 12 due towards mid-October for the technical approach and 13 like we said, we will be using the insignia to take in 14 that feedback log it, and it'll also be reported in your 15 quarterly reports of a summary will be in the bottom of 16 the quarterly reports and then actually we will 17 highlight where we considered and took your feedback. 18 And how we actually changed the work strains to reflect 19 the feedback, the very valuable feedback that we really 20 want from you.</p> <p>21 So going into the end of 2023, it is our 22 expectation to publish data and preliminary findings 23 from our 16 feasibility studies at the end of November. 24 This schedule is a little bit longer, we have added a 25 couple of weeks to get your feedback because we have got</p>	<p style="text-align: right;">Page 33</p> <p>1 like us to focus on. And then, um, we would get final 2 feedback by the end of April, and then it's our 3 expectation to publish our final reports by mid-June of 4 2024.</p> <p>5 So and all of that, that's all in different 6 slides, but this one is kind of a really nice summary of 7 everything that's going to be coming out through June of 8 2024. So with that said, I have Chester, is going to 9 administer the poll. And please, lower your feedback, 10 um, more is -- is -- more is great. We want to hear 11 from you and also, engage in the chat session as well. 12 If you have additional feedback in the poll, it does not 13 cover some of the topics that you would like us to 14 cover, we definitely want to hear from you. And also, I 15 just want to be really honest, this is the first time 16 that we are doing something like this, and so this -- we 17 proposed this, and we hope it works for you. If it's 18 something that's really unattainable and difficult, we 19 want to hear from you about that as well. And also 16 20 studies are a lot, we want to make sure that everyone's 21 voice is heard and that there are studies, that if you 22 want us to focus on every single one, we're happy to do 23 that. And we're willing and able to have additional 24 sessions. So please let us know, and I really 25 appreciate your time and attention, thank you.</p>

<p style="text-align: right;">Page 34</p> <p>1 MR. BRITT: Thanks Jill, my name's Chester and 2 I will be leading the facilitated discussion of the 3 members today. We're going to start off with the 4 survey. So if you could get your cell phones out, and 5 if you're online, you can also use your cell phones to 6 engage in this survey. If for some reason, your cell 7 phone does not work, or if you forgot it, or it's 8 running out of juice, just raise your hand and we have 9 hard copies and we'll make sure you get it. If for some 10 reason, it does not work for you, um, we can fill this 11 out afterwards and add your input into the results. So 12 we'll make sure that everyone's results are compiled 13 together. So you just have to point to your phone at 14 the QR code, it should take you a directly to Nessay.com 15 which is where the survey is located. If you need to go 16 through your browser, you can type in www.nessay.com and 17 enter the code 32013433. So I'll give you a quick 18 second to do that. It should be very straight forward. 19 If you click on that, it should take you directly to the 20 survey that we're going to cover. And I'll go ahead and 21 have Tray launch the survey and we will get started. 22 Yep. Let's go ahead. All right. 23 So as you heard Jill mentioned, we have 16 24 work study programs that are being part of the 25 feasibility study processes in phase one. And those are</p>	<p style="text-align: right;">Page 36</p> <p>1 did someone? We have a question in the chat, okay. 2 Let me look here. What is meant by high-level economic 3 analysis? So Jill, do you want to answer that? Or 4 Neil? Speak into the microphone. 5 MR. NAVIN: So one of the things that you 6 often do when you propose a project like this an 7 infrastructure project is, you look at the some of the 8 costs and benefits at a very high level, with the 9 information you know at the time. So, um, typically, 10 during the development phase of a project, you will 11 refine that answer, but one of the things we tend to do 12 today, amongst all the other studies is to look at the 13 project economics. So how much does the project cost to 14 build? How much does it cost to operate? And then what 15 are the associated benefits that would accrue from the 16 project is built. So and we will have the details of 17 how we are going to undertake those studies, and that's 18 going to be one of the things that you will get access 19 to and will be able to provide comment on. But 20 essentially, it's a high-level economic screening of the 21 various options including, the project or project 22 alternative. 23 MR. BRITT: All right. 24 Thanks, Neil. 25 For your reference, again, in your packet is a</p>
<p style="text-align: right;">Page 35</p> <p>1 divided into three main categories, so we are going to 2 take each category one at a time. And we are going to 3 have you rank the ones that are the most interesting to 4 you. So you don't have to chose all of them. You could 5 put them in order, if you'd like. You can just chose 6 one or two or you can also chose the last selection 7 which is I'm not interested in any of these topics. 8 Again, we have a lot of work study programs to go 9 through with you guys as group, and we want to know what 10 is the most interesting to you. So if you could just go 11 ahead and rank them, it should be very straight forward 12 on your phone how to do that. Make sure you scroll up 13 and down to see all of the choices, but it should be 14 very, very, straight forward. And then the results are 15 going to pop up automatically on the screen here, so you 16 can see after you're done making your choices how the 17 collective group is making their choices. 18 So we will just give everyone a second to do 19 that, and then we will move on to the next question. 20 Again, there's no right or wrong answer here. This is 21 based on your level of interest, what you think is 22 important to focus on. And we will be providing, by the 23 way, information regarding all of the work study 24 programs we're really talking about how to orient our 25 future meetings in July that Jill is discussing. Yes,</p>	<p style="text-align: right;">Page 37</p> <p>1 handout that has a description of the purpose, and the 2 focus, and objective of each of the 16 work studies that 3 are being voted on. So you can look at that later if 4 you'd like, it would be a good reference point to 5 describe each of the individual work streams, okay? So 6 we will go to the next ranking exercise, which is the 7 second category which is focused on policy and 8 environmental. There is a eight choices, and this one 9 water resource, evaluation, nitrogen oxide and other air 10 mission assessment, hydrogen leakage assessment, re-cal 11 gas assessment, evaluation, environmental, and 12 environmental social justice analysis, high-level 13 feasibility assessment, and pertaining to analysis, and 14 land rights, and I am not interested in any of these 15 topics, which is hard to believe that would be true. So 16 go ahead, and again, you don't have to select all eight, 17 you can if you would like, but we're asking you to rank 18 them so start with what you're most interested in and 19 progress down. Let me see, someone online has their 20 hand up. All right. 21 So it looks like, um, I think is it Anne 22 online has your hand up. We're going to un-mute your 23 microphone and we should be able to hear you Anne. I 24 see you speaking, but it looks like your microphone 25 muted on your end, still.</p>

<p style="text-align: right;">Page 38</p> <p>1 MS. CRACIUN: Thank you, yes. I just wondered 2 if in terms of the economic analysis, um, whether that 3 will include analysis of rate payer impacts and the 4 costs for folks that are going to be paying for the 5 builds for these projects? I don't see it in the 6 description of the 16 feasibility studies. 7 MR. BRITT: I'm going to turn that question 8 over to Neil, again? 9 MR. NAVIN: So ultimately, um, this work will 10 look at the impact to, um, all of the impacted 11 communities. At this phase, we're really currently 12 concentrating at looking at the total cost of the 13 project. The way those costs are ultimately allocated 14 and paid for is not part of phase one, but will be work 15 that will ultimately take place. 16 MR. BRITT: Great. Did someone else have 17 their hand raised here or? Okay. Okay. We will go the 18 third question, third ranking exercise this one is for 19 engineering design. So if you could make your 20 selection, there is four opportunities. Preliminary 21 routing, configuration analysis, pipeline sizing, and 22 design criteria plan for applicable safety requirements, 23 workforce planning and training, and I am not interested 24 in any of these topics. You guys are getting good at 25 your voting. I appreciate you just making your</p>	<p style="text-align: right;">Page 40</p> <p>1 having today hybrid meetings, and those would be four- 2 to-six hours each. The third option would be to have 3 these all be virtual so that we wouldn't have to have any 4 in-person meetings. And the last option is that you 5 have no additional meetings, you guys can provide all of 6 your input by just providing feedback in writing and not 7 having any meetings related to it at all. I see the 8 numbers going up and down it's always fun to see them 9 happen in real time. 10 All right. Give it a couple of more seconds 11 to make sure everyone has voted. All right. We're 12 going to go ahead and close the voting. And is anyone 13 not done? Just making sure. All right. So let's go 14 ahead and jump into now, if you could read, go back to 15 our PowerPoint presentation. Go ahead and have a 16 discussion now on the topics that Jill was just 17 presenting and that we just voted on. Um, we want to 18 ask that you please announce your name and speak 19 directly into the microphone. We are having a little 20 trouble picking up your voices online. So if you could 21 just be really diligent on that. So we ask that you be 22 concise and focused on the topics that we are 23 discussing. Um, verbal comments are not the only way to 24 provide input. Um, outside of this meeting, we're still 25 taking input, so if you would like us to send us</p>
<p style="text-align: right;">Page 39</p> <p>1 selection. These will be pictured, by the way, and 2 compiled along with the PAG results which we will be 3 having our meeting with the PAG at the planning advisory 4 group next week and we will be able to compile 5 everyone's results together. 6 All right. And we're going to go now to the 7 final, um, question. If you can get us to the final 8 question. 9 How would you prefer to review the work study 10 descriptions occur with you as community-based 11 organization members? Um, you heard Jill reference the 12 fact that we're going to be sending you these 13 preliminary descriptions and information at the 14 beginning of July. You'll have to the end of July to 15 provide your input, but we would like to have some kind 16 of opportunity to get together with you to discuss those 17 things in detail in the middle of July. And you have 18 four different options of how you would like to do that. 19 One option, the first option, is the hybrid meeting 20 in-person, or if you would have a four-to-six-hour 21 meeting and you could cover all of these topics. That's 22 actually, um, selection number two. The first option is 23 one hybrid meeting and one virtual meeting. 24 So that would be like split between the two. 25 The second one, is two in-person meetings, like, we're</p>	<p style="text-align: right;">Page 41</p> <p>1 E-mails, a phone call, you know again, this is one 2 opportunity to collect your feedback collectively. But 3 we also are available at any time after the meeting for 4 to you do that. You can also type a chat online, we are 5 recording those chats and collecting those as well as 6 part of the input for the meeting. And we're available, 7 like I mentioned, after this meeting in-person as well 8 if you guys would like to discuss anything after the 9 meeting. So with that, I want to open it up to the 10 members for you guys to discuss what you understood 11 about Jill's presentation. So-Cal Gas has an ambitious 12 schedule that they have shown you to initiate these 16 13 work streams in July. And again, you'll be getting a 14 lot the data at the beginning of July and you have 15 through the end of the month to give us feedback 16 directly about that. I want to know what your thoughts 17 are or the input about this schedule. Do you guys feel 18 comfortable with this schedule? Is there any concerns 19 about the schedule? And so I want to start with that 20 thought process. 21 Does anyone have anything that they would like 22 to offer about the schedule that was presented? And I 23 can go back, actually, to that slide that I showed you, 24 the schedule for July, and here it is. Does anyone have 25 any thoughts about that? Yes, Marcia.</p>

<p style="text-align: right;">Page 42</p> <p>1 MS. MYHRA: Marcia Myhra, with Wetlands 2 Institute. I participated in a workshop of maybe a week 3 or two or ago that, um, somehow i was some relate to 4 hydrogen/methane and how it was called joint utilities 5 something or other and some kind of a, um, a permitting 6 thing that's in front of the CPUS right now. And I'm a 7 little confused about how this, this -- this schedule 8 works with that? Because it sounded to me like, there 9 are going to be three years worth once they permit, 10 three years of worth of a big experiment determining 11 whether it's going to be safe to have more than 20 12 percent hydrogen and in any sort of pipeline or any 13 other facility. So how can this go faster than those 14 experiments to make sure there is safety involved? 15 MR. BRITT: Right. Great question. I don't 16 know. Jill or Neil? 17 MR. NAVIN: Yeah. Thanks for the question, 18 Marcia. 19 So that, the workshop that you participated in 20 is a very separate effort from Angeles Link. So the 21 joint utilities workshop was looking at the possibility 22 of blending hydrogen into the existing natural gas 23 system. So that's a separate application. It's a 24 separate effort, and that does have a two-to-three-year 25 timeframe around them. This project is contemplated as</p>	<p style="text-align: right;">Page 44</p> <p>1 could be accomplished in that month of collecting 2 feedback. 3 MR. BRITT: Yeah. So a couple of thoughts. 4 I'm going to turn it over to Jill Tracy to give you more 5 detail. The first process that we are going to go 6 through is a really scoping process, where a lot of 7 these technical studies have not been launched. 8 SoCalGas is -- we're just getting SoCalGas is getting 9 their act together with all of their contracts, making 10 sure that they line up everything and with their scopes 11 of work. Um, and make sure that we have some input from 12 you guys so that the work that is being done is 13 reflective of the things you guys are concerned about. 14 There with be other bites of the apple as the work 15 process goes along. So the time is important and it is 16 something that we need to look at for sure, in terms of 17 you know, if you do need to go to your members to get 18 collective input on the scoping process, that would be 19 something to discuss. But I don't want to make it sound 20 as if this is your only chance, by the end of July, that 21 you're never going to get another chance to talk about 22 these topic again. Because if you look at the 23 subsequent slide, which I can go through really quickly 24 here that Jill presented, we are, am I good? There we 25 go, yeah.</p>
<p style="text-align: right;">Page 43</p> <p>1 a new purpose build dedicated hydrogen pipeline so it's 2 different. And it does not, at the moment, contemplate 3 reusing the existing natural gas system. So this 4 project would be a hundred percent hydrogen. And we 5 will talk a little bit about why. But those are two 6 different efforts. So thanks for the question though. 7 MR. BRITT: Yeah. Great question. Anyone 8 else have any thoughts on the schedule? Are we 9 comfortable with the idea that you will have a month to 10 process all of this information and give us feedback? 11 Yes? 12 UNKNOWNWN SPEAKER: Hi, community action 13 committee. One of the things I see missing in the 14 schedule and potentially just to answer your question a 15 month may be a good amount of time to be able to 16 process. I do think though there is organizations here 17 are member-based organizations will need to bring this 18 is memberships and their stakeholder. And to figure out 19 you know what a joint response would look like from 20 communities impacted by these new technologies. I would 21 like to see some support from you all, and having these 22 conversations possibly helping to create some focus 23 groups, and bring the information back to our community 24 organizations to our members, I'm sorry. That is one 25 thing I see kind of missing in this. And I think it</p>	<p style="text-align: right;">Page 45</p> <p>1 So we are going to have additional 2 opportunities you can see in August, September, and 3 October, also the presenting some of the results later 4 in the end of the year going into early next year. So 5 there will be that process, and knowing what you just 6 mentioned, we will definitely build that in to your 7 process so that there will be sone subsequent 8 opportunities for you to do that. I don't know, Jill 9 Tracy, if you want to add anything? 10 MS. TRACY: Chester, you put that very, very, 11 well. We really like the idea of focus groups. We have 12 regular touch points in our proposed schedule. And so 13 if we need to focus on particular studies, or areas of 14 interest, um, to each of your groups, we're happy to 15 host those, and we will just work with you. We don't 16 want to overload you with information or meetings. I 17 know all of have you full time jobs and work to balance 18 and it's a lot of work, but we also want to be able to 19 focus and provide you the information and opportunity 20 for you to you provide us our feedback so I really think 21 that's a great idea, thank you. 22 MR. BRITT: I want to go ahead -- Marcia, 23 again, wait for the microphone, but. Yeah. 24 MS. MYHRA: Marcia, with Bio Wetland Institute 25 again, um, your answer was great, but now I don't</p>

<p style="text-align: right;">Page 46</p> <p>1 understand. Because you said one hundred -- this is 2 going to be one hundred percent hydrogen. And I heard 3 the experts from the universities during that workshop 4 say, that anything more than 20 percent hydrogen is 5 not -- has not been proven to be safe yet. 6 Did I misunderstand that? Or is there, or maybe this is 7 to far in the future that it's supposed to work out by 8 then? Or what?</p> <p>9 MR. NAVIN: Yeah, good question, very good 10 question. So I did listen to part of that workshop as 11 well. So what the scientist said was that for the 12 existing natural gas system, so the materials that are 13 in the existing natural gas system, that somewhere 14 between five to 20 percent is what we believe can be 15 accommodated using the current equipment in the existing 16 natural gas system. That's something you would actually 17 see in Hawaii for instance. Hawaii has a about 12 to 15 18 percent hydrogen in their natural gas system for 19 hydrogen, but what the scientists didn't say that, um, 20 purposes build hydrogen pipelines of which there are 21 about a little less than 2,000 miles in those pipelines 22 in the U.S. already. Those are actually, -- a very 23 specific kind of metal for the pipeline itself, and the, 24 equipment, purpose build have hydrogen pipelines in 25 California already, A few of them within Los Angeles.</p>	<p style="text-align: right;">Page 48</p> <p>1 well, thank you. Next to Robert?</p> <p>2 MR. BRITT: Can you just introduce your name?</p> <p>3 MR. ARANDA: This question is for Neil, I am 4 Enrique, financial, in the previous convening via Zoom, 5 I raised the question, and really you speak about high 6 level economic analysis and I want to speak about my own 7 self-interest, and the folks I represent, in the sense 8 of when you speak about how economic analysis, we want 9 to hear about the pipeline, real pipeline being 10 benefits, and the pipeline to career pathways, job 11 creation procurement, and others things we have 12 factored. And I haven't heard any of that being noted. 13 And I just want -- I feel kind of comfort and 14 later to be heard to be honest about where really-- some 15 of us came to really hear about, and we're very familiar 16 with yeah. Our process and scoping sessions, and a lot 17 of times we get lost in the jargon, like I said, 18 earlier. But, we, I -- I definitely feel a sense of 19 urgency in hearing that. So I don't know how you 20 impacted in your report, but I think just maybe laying 21 that out and moving forward will be very beneficial to a 22 lot of us, thank you.</p> <p>23 MR. BRITT: Thank you, Enrique.</p> <p>24 MS. MARQUEZ: Chester, you have a question in 25 the chat.</p>
<p style="text-align: right;">Page 47</p> <p>1 So the scientist on that call were talking 2 about the natural gas system, as it existed today, not 3 newly built hydrogen pipelines.</p> <p>4 MS. MYHRA: So you can't have combustible 5 hydrogen for energy by itself if it's a hundred percent 6 hydrogen?</p> <p>7 MR. NAVIN: Yes, we will talk about a little bit 8 later, but the idea is actually to take a hydrogen in 9 this system, and we will talk about the purpose of the 10 project. And use it to displace traditional fossil 11 fuels for things like, heavy duty transportation, 12 manufacturing, and other applications. But again, 13 should be really clear, for Angeles Link, this project 14 we're talking about today, is a very separate effort 15 than that workshop you attended the other week.</p> <p>16 UNKONWN SPEAKER: Just, um, that kind of clarity 17 actually really helpful and I don't know the maybe 18 people in the room are more experts than me. I feel I'm 19 coming in and understanding it sounds a lot of foreign 20 language and so that type of everyone's no, I don't, 21 okay.</p> <p>22 So basically, that type of question wouldn't 23 even have come to mind, and so I would like to advocate 24 for perhaps a little bit of on boarding for us, as we 25 move forward, so that we have more intelligent input as</p>	<p style="text-align: right;">Page 49</p> <p>1 MR. BRITT: Okay. Okay, the question is from 2 Anne, will the economic analysis include cost impacts on 3 rate payers? I don't see that in the summary of 4 feasibility studies. Low income communities pay a dis 5 appropriate percent of income on energy and we know 6 hydrogen is incredibly expensive and this an equity 7 issue. Yeah. Again.</p> <p>8 MR. NAVIN: So this is a phase one, we will be 9 undertaking high level economics and I think I mentioned 10 high level economics. To Enrique's point, we will be 11 looking at job creation. And we also be looking at the 12 opportunity to understand how the benefits will accrue 13 to the communities that have traditionally been impacted 14 by energy infrastructure. What we are likely to do in 15 phase two though, is talk about those costs and 16 understand how they might be allocated to the various 17 groups that would take service from this infrastructure.</p> <p>18 And that is likely something that we may start 19 to discuss and look at during phase one, that really 20 detail in our phase two application. This work -- and 21 I'll talk a little bit about my part in the 22 presentation, is at least initially focused on 23 establishing what the demand might be. Where the simply 24 of hydrogen may come from, and what are those users of 25 hydrogen, that may need it in the future. And,</p>

<p style="text-align: right;">Page 50</p> <p>1 therefore, how big is the infrastructure? What does it 2 look like? Who does it serve? And what are the 3 benefits that the accrue to it? So we will talk a 4 little bit about it today, but as a Jill mentioned in 5 her work, a lot of those details will be discussed, and 6 addressed, and assessed during the studies in the 7 individual studies that these undertake for phase one.</p> <p>8 MR. BRITT: I think that is a great segue, 9 Neil, to introduce you into your presentation. Because 10 you seem to be a popular guy who has been answering a 11 lot of the questions. And Neil, is our chief clean 12 fuels officer for SoCalGas. He is going to make a 13 presentation now on the purpose and need of the project 14 which will start to address some of the issues you guys 15 were discussing about kind of getting a big picture. 16 And while Neil is coming up, we will take one more 17 comment from Kenta, I didn't realize that you had your 18 hand up. Sorry about that.</p> <p>19 MR. ESTRADA: So Kenta Estrada, with Coalition 20 for Responsible Community Development. I just wanted to 21 clarify with the feasibility study for workforce 22 planning and training, um, related to career pathways 23 and jobs, will that include an analysis of the actual 24 construction of the pipeline project, as well as the 25 maintenance, and then what any type of PLA Agreement or</p>	<p style="text-align: right;">Page 52</p> <p>1 from disadvantage and small business owners. So those 2 are things that we will look at.</p> <p>3 Typically, if phase one of those studies 4 usually high level and they go into more detail as we 5 understand the project. I will pass the rest on to Jill 6 Tracy.</p> <p>7 MS. TRACY: Hi, thank you for your question on 8 the environmental justice, yes, we are not only going to 9 be looking at the potential community impact, but also 10 addressing strategies to mitigate those impacts. And 11 then, um, I also expect to have recommendations for 12 doing further analysis in phase two. And phase one is a 13 really high level, we have brief time to undergo all of 14 these, pretty important studies and environmental 15 justice is obviously a very important component. But 16 what I think we are going to see is something of a very 17 high level and recommendations in further assessment in 18 phase two.</p> <p>19 What's important though is that we get your 20 feedback in the beginning, and throughout the entire 21 process so that we're looking at the right Metrix and 22 information. So, thank you.</p> <p>23 UNKNOWN SPEAKER: So I just want to go back, 24 again, to bring this on Board, I would like to building 25 a house. And for us, as a consumer, we're looking at</p>
<p style="text-align: right;">Page 51</p> <p>1 community benefit or set up would like? So that is one 2 question.</p> <p>3 And then on the environmental and 4 environmental social justice analysis, this, um, 5 outlines what the impact would be, but will it include 6 strategies or ways to mitigate the impact for 7 communities that are disadvantaged communities that are 8 impacted? So both the construction piece and what would 9 the communicate benefit look like on the labor pipeline, 10 and the environmental justice impact.</p> <p>11 MR. NAVIN: So let me start with the labor 12 side and I will pass the remaining to Jill Tracy. So on 13 the labor side, you know we are a, as you likely know, a 14 represented union workforce as SoCalGas, roughly 4,000 15 of our 8,000 staff members are part of the unions. We 16 do believe in a strong middle class and a strong 17 representative workforce. Our training, what we are 18 going to look at the need for training for this work, 19 and the labor impacts will include looking at the 20 potential for construction. But then we always look at 21 the -- at the opportunity to understand how this 22 facility to be operated. Permit jobs would be created 23 as part of this process, and I also note that roughly 43 24 percent of our hour SoCalGas annual spend on things, 25 like, support for our work, comes from the community,</p>	<p style="text-align: right;">Page 53</p> <p>1 what knobs, and you know, whatever glitchy stuff. But 2 if you can guide us to say the piping is going to impact 3 the health of, you know, family, and how you know, the 4 water comes out, whatever so that type of relevancy 5 would up us to give more helpful feedback, thank you.</p> <p>6 MR. NAVIN: Great, well, thank you for that.</p> <p>7 Again, my name is Neil Navin and, um, I do 8 want to just thank Andrea for reminding us about a land 9 acknowledgment so we will make sure for the next session 10 that we remember that we're on the ancestral land on the 11 of the people as part of the process. Again, my name is 12 Neil Navin, I'm the chief cleaning fuels officer for 13 SoCalGas and, again, my point, my job is to work the 14 team of 50 or 60 people on projects like Angeles Link to 15 decarbonize and to look at the value of a company like 16 SoCalGas and mid-century.</p> <p>17 So we appreciate you being here, we appreciate 18 your feedback, we have already started the dialogue on 19 this. And my presentation today is really going to 20 look at one of the -- one of the facets, one only one of 21 the facets of the things we're assessing. And that is 22 the purpose of the project. And why are we here. Our 23 next sessions, as Jill Tracy mentioned, we will look at 24 the other various elements so things like the 25 environmental challenge, um, the engineering studies on</p>

<p style="text-align: right;">Page 54</p> <p>1 the economics. But one of the things to concentrate on 2 is to Marcia's point, this project is really a pipeline 3 that's looking at pure hundred percent hydrogen 4 specifically, focused on the hard to electrified parts 5 of the economy. Those areas that are not likely not to 6 be easy to electrify, and those include things like 7 heavy duty transportation, so big rig trucks. There's 8 20 thousand diesel trucks that go in and out of the Port 9 of L.A. and long beach 120 mill container/AES out L.A. 10 and Long Beach. Today, all of those are on diesel and 11 sometime in the future, they all need to be battery or 12 electric-using hydrogen.</p> <p>13 And the other things that we're looking at is 14 things like manufacturing, more manufacturing jobs, 15 middle class jobs supported for manufacturing in 16 Southern California than there is, for instance, 17 Hollywood. And they all need access to clean electrons 18 need access to clean fuels like, hydrogen, to support 19 their work.</p> <p>20 The other benefit for hydrogen and part of the 21 reason why we're here and one of our studies actually, 22 is to look at the ability to clean the air in 23 Southern California. Some of you may be familiar with 24 things like fuel cell or hydrogen cars, there are also 25 hydrogen trucks, and those trucks, unlike diesel trucks,</p>	<p style="text-align: right;">Page 56</p> <p>1 system, from solar. At the end of the day, it will be 2 wind, and this evening it will be a combination of 3 batteries and likely natural gas. So we need to find a 4 way in a decarbonize future where we decarbonize all of 5 the inputs to the electric system. And do it in way 6 that's reliable and resilient. And reliability is 7 really a measure of how the system works when things are 8 normal. Resiliency is a measure of what happens when 9 one or two things go wrong, so a wildfire or what have 10 you. We need a resilient and a reliable energy system 11 and that is something that hydrogen could and can play a 12 part of.</p> <p>13 You know, within the other principles of this 14 project is that we need to provide ultimately, an 15 effective, cost effective, and affordable clean energy 16 health solution for transportations, especially for 17 heavy duty, transportation. Today, hydrogen is quite 18 expensive. Um, and ultimately, much like solar, we 19 believe in over time, those costs will come down and be 20 important. We also need to deliver our energy 21 efficiently and effectively. So we, State of 22 California, the Federal Government today, believes that 23 things like hydrogen will be extremely important to the 24 energy mix. And we seek to do, to provide a connection 25 between those that want to produce hydrogen, and those</p>
<p style="text-align: right;">Page 55</p> <p>1 did not produce Knox and so they or particular 2 pollution. And so those are the things that this 3 project is trying to address. And to really help the 4 State accelerate decarbonization of the hard to 5 electrify parts of the economy.</p> <p>6 All right. So as I mentioned, um, and we in 7 Southern California, we have really vibrant economy. We 8 are accelerating decarbonization, but there are things 9 that are harder to decarbonize. This project is really 10 focused in on those parts of the economy. Things like 11 heavy duty trucks, um, ultimately decarbonizing the 12 Ports, we sit in the Ports of L.A. and Long Beach and so 13 we, the equipment in the Ports, improving the air around 14 the communities around the 710 and I live within the 15 earshot of the 710, and I can hear it as I go to sleep 16 every single night, and I can hear the trucks going up 17 and down. So the idea that we could actually improve 18 the air quality within those traditionally impacted 19 communities in that case, is something that project like 20 Angeles Link seeks to achieve.</p> <p>21 We also need to consider that enhancing the 22 reliability, the resiancy, and flexibility of our energy 23 system as we decarbonize is important. And so on a day 24 like today, in the middle of the day, we are very 25 fortunately getting much of our energy from the electric</p>	<p style="text-align: right;">Page 57</p> <p>1 that want to use hydrogen and do it in a efficient and 2 safe manner.</p> <p>3 Once we get to mid century, we believe and 4 many others believe, that hydrogen will be a major part 5 of this and the State will ultimately need something 6 like the Angeles Link to support that. And the last 7 principal that we undertook when we started this work, 8 is really ultimately to reduce and ultimately overtime, 9 illuminate the need like Aliso Canyon. Today, Aliso 10 Canyon is an important part of the energy mix, it 11 provides resiliency in the energy system, especially in 12 those really the hottest of hot days and the coldest of 13 cold nights.</p> <p>14 This project is really designed to displace that 15 need by using hydrogen, especially for those hard city 16 carbonized parts of the economy. Those are likely to 17 need something like natural gas for longer. So this 18 project, if constructed, could ultimately facilitate the 19 reduction or eliminate some of the need of Aliso Canyon. 20 So again, how would this work? You likely heard some 21 version of this before. The idea of the project is 22 really to take our existing renewable. And renewable to 23 produce hydrogen and use that hydrogen as a means to 24 displace traditional follows fuels. So we do that using 25 electrolysis primarily, that was our application. So</p>

<p style="text-align: right;">Page 58</p> <p>1 electrolysis is the principle that you can take water, 2 so water is H2O, and you can actually use electricity or 3 remove electricity in this case, to separate the 4 hydrogen from the oxygen.</p> <p>5 The Angeles Link project, again, which is the 6 area within that red box, that is the part that we, at 7 SoCalGas, proposed to operate as a common carrier open 8 access pipeline. What does that mean? That means that 9 we would provide access to the pipeline for producers of 10 hydrogen and those might be traditional hydrogen 11 producers, who were moving to a greener methods, or the 12 traditional renewable's folks are the folks who put 13 together wind and solar projects today. To allow them 14 to connect to a system that has a public purpose, and 15 that public purpose is to, essentially to move hydrogen 16 to the heart to the electrified parts of the economy in 17 a non-discriminatory manner.</p> <p>18 That would be the only part that SoCalGas, who 19 would ultimately operate, but our effort for phase one 20 is actually to look at the impacts and the benefits of 21 all of this process. So the production of hydrogen, the 22 transport of hydrogen and, ultimately, it indicus for 23 things like trucking or for other purposes.</p> <p>24 So I want to make sure we have a lot of time 25 for comments, questions, I heard lot of good ones</p>	<p style="text-align: right;">Page 60</p> <p>1 So if we could start by focusing on what we 2 just heard from Neil about the purpose and need, what do 3 we think of that?</p> <p>4 MR. FISHER: Michael Fisher, and I want to 5 first say that I had the opportunity of sitting on a 6 council like this for Metro a couple of years back where 7 it was getting ready to do some pivot and other changes. 8 I think that this is great because there was some things 9 that we were able to add to their planning process that 10 made things a lot easier for the inner City community. 11 And the second thing that I want to say is, that I think 12 it is awesome that we are talking about this kind of a 13 shift. We do know it a fact within our communities, 14 that a lot of our kids to this date, statistically have 15 been found to have been more lung issues, asthma, things 16 of that nature. My family, as a result because where we 17 have come up, a lot of people have asthma. So I think 18 this is awesome. And so the plan, I would really love 19 to dig into, you know, how this could really help our 20 communities. I know a lot of times it's a numbers game, 21 but for us, that are really living there, it is a matter 22 of life and death. So I am loving to hear this.</p> <p>23 My question would be, if it is possible to 24 kind of provide data I think Neil, um, who I love Neil, 25 yes. Hi, Neil, great job today. I would like to see</p>
<p style="text-align: right;">Page 59</p> <p>1 already. Again, the purpose and need, um, sort of sets 2 the basis for why we're doing this. Um, there was a 3 handout I think you were all e-mailed and I think it was 4 also in your package. And that sort of frames the 5 benefits that we hope to achieve with the project. And 6 later on talk about the alternative analysis. So we 7 will pause for questions and bring Chester back up, 8 thank you.</p> <p>9 MR. BRITT: Thank you, Neil.</p> <p>10 He kind of just took a little bit of what I 11 was going to say to get us started in the discussion. 12 You know, the whole idea of purpose and need is really 13 critically important to the success of the 16 work 14 studies because it sets the focus of the analysis, it 15 helps us determine the feasibility of a project like, 16 Angeles Link. All of those work studies need to be 17 shooting at something or are looking at the something as 18 the objective of what they're trying to accomplish.</p> <p>19 Neil's presentation not only highlights the 20 purpose and need for clean renewable hydrogen 21 transportation system, but also the potential for 22 reducing GHG by cutting emissions in the mobility 23 transportation sector. And I want to know what are your 24 thoughts about this stated purpose and need in the 25 potential of a project like Angeles Link to do that?</p>	<p style="text-align: right;">Page 61</p> <p>1 because he mentioned that there's other regions in the 2 country that have already laid this kind of work. So I 3 would love to get the data on the before and after of 4 those regions and how the communities were affected in a 5 better way, right, and how the people benefitted from 6 it?</p> <p>7 Where did they lay the pipeline? How did that affect 8 that region? Um, I think that would help us to be able 9 to be even more on board moving forward. But glad to be 10 here.</p> <p>11 MR. BRITT: Yeah. Thank you, for that. Who 12 else? It looks, is it Faith?</p> <p>13 MS. MYHRA: Yes.</p> <p>14 MR. BRITT: Yes.</p> <p>15 MS. MYHRA: Of course --</p> <p>16 MR. BRITT: Can you just state your name, I'm 17 sorry.</p> <p>18 MS. MYHRA: Faith Myhra, I'm curious for the 19 part before Angeles, the production of clean renewable 20 H2 and SoCalGas are going to have other projects that 21 are involved in that process in that part of 22 transportation as well? Is it just Angeles Link, or 23 will there be another project for the production that 24 SoCalGas will have a part in?</p> <p>25 MR. NAVIN: Yeah. Great question.</p>

<p style="text-align: right;">Page 62</p> <p>1 So I think much as what Marcia said, there are 2 a number of hydrogen-related activities happening at the 3 SoCalGas, Angeles Link as it's currently envisioned 4 would not have SoCalGas producing hydrogen. For 5 completeness, I would say, as part of our transition of 6 our fleet vehicles, we are transitioning to battery 7 electric and hydrogen vehicles for our fleet of cars 8 that come to our house and check on facilities. Some of 9 them are hydrogen already, so we will have, likely or 10 potentially, a small amount of hydrogen production 11 focused on those vehicles and, likely, those vehicles 12 only. But that production of hydrogen would not, um, be 13 part of our Angeles Link, and wouldn't really contribute 14 significantly. We're really focusing on being the 15 connection to others who want to produce hydrogen. 16 Much like say, um, the electric utilities, 17 typically don't produce the electricity, they move it, 18 the wires, somebody else would have generally own the 19 solar field for instance. 20 MS. MYHRA: Thank you. 21 MR. BRITT: We're going to take one online and 22 come back to you, so Anne has her hand raised. So if 23 Ayn, you can un-mute your microphone, we should be able 24 to hear you. 25 MS. CRACIUN: Thank you, yes. I appreciate</p>	<p style="text-align: right;">Page 64</p> <p>1 issues as far as, and storage, and whether the intention 2 to store the hydrogen as a nitrate, which we know is 3 also credibly explosive, thank you. 4 MR. BRITT: Thank you. Go ahead, Neil. 5 MR. NAVIN: That was lot. So let me grab a 6 few of those at once. 7 So when I said we were agnostic to moving 8 hydrogen, I should be really clear that our application 9 to the CPUC, was for a green hydrogen pipeline. So the 10 intention is to not move what is today sometimes called 11 gray hydrogen, which is hydrogen produced from fossil 12 fuels or methane, so again, I'd encourage you to 13 continue a dialogue with us. And also look at our 14 application, we were very specific to say we wanted to 15 support the State of California, and start its 16 decarbonization policies. And also, the entities that 17 expressed a significant desire to use clean, renewable, 18 and green hydrogen. So you mentioned the IRA, which is 19 the, Inflation Reduction Act. Inflation Reduction Act 20 has some signification Federal support for decarbonized 21 hydrogen. So hydrogen that'll is either green hydrogen, 22 or low carb hydrogen, I would note that we submitted our 23 application for this work prior to the IRA bill passing 24 well before that. But the intention, in fact, would be 25 to help the State decarbonize it's energy system.</p>
<p style="text-align: right;">Page 63</p> <p>1 the explanation. I wanted to raise a concern regarding 2 the open source nature of the pipeline system that's 3 proposed or that I heard, Mr. Navin mention, it sounded 4 like he was saying that the system would be sort of 5 agnostic to the sourcing of the hydrogen. We know that 6 the sourcing of hydrogen is very important, it must be 7 renewably sourced, otherwise it's credibly fossil fueled 8 intensive to create. And so of course, asking to spend 9 millions or even billions of dollars of public money, to 10 do what would be substantially raising carbon emissions 11 would really be a perverse outcome of the IRA and other 12 public funding sources of the outcome of the PCG 13 proceedings. 14 Also, in terms of -- I would like to just get 15 clarity again, and hear whether there was potentially be 16 fossil fuel sourced hydrogen in this system, and then 17 also insurance terms of air pollution and the great 18 point that the was made regarding asthma and not 19 particularly I just wanted to point out that burning 20 hydrogen creates more lung-harming Knox and methane gas. 21 And then also, the safety issue, we know that safety is 22 critically important, hydrogen is credibly explosive. 23 Which is why we don't use it in you know birthday 24 balloons, even though it's lighter than helium, so I 25 think it will be important to have a discussion of those</p>	<p style="text-align: right;">Page 65</p> <p>1 On the issue of Knox I think we can certainly 2 talk about that as one of the main studies we will be 3 doing in phase one. So I would point out that fuel 4 cells like the fuel cells that would be used in heavy 5 duty transportation do not combust. It is a chemical 6 process, and they produce no Knox, and that for 7 combustion process is especially the ones that we're 8 talking about for Angeles Link, there are controlled 9 technologies and a lot of emerging technologies that can 10 address Knox. 11 And the last item I would just mention, is 12 that hydrogen safety is, in fact, one of the studies 13 that we will have as part of this work of study, that 14 you will be able to have comment on as well, and we will 15 be working with parties within SoCalGas and experts 16 within the industry to look at that. 17 MR. BRITT: All right. 18 And I think it was Andrea, had your hand 19 raised? Do you have the microphone? Yeah. Okay. Just 20 state your name and go ahead. 21 MS. LEON-GROSSMANN: Andrea Leon-Grossmann 22 with solar, in terms of safety, what kind of detections 23 can we have with hydrogen? I know that with methane we 24 have for captain. I don't know how it can with be with 25 hydrogen. And also, where would the water be sourced</p>

<p style="text-align: right;">Page 66</p> <p>1 for the electrifiers?</p> <p>2 MR. NAVIN: Yeah. I will talk about the issue</p> <p>3 of odor. That one of the part of the safety setting we</p> <p>4 will certainly be commenting on the need to provide</p> <p>5 ordnance or things to allow you to detect the hydrogen.</p> <p>6 The Federal Government, the DOE, themselves, are looking</p> <p>7 at the things like order or illuminance, things that</p> <p>8 allow you to see the hydrogen gas. Those are both two</p> <p>9 significant research programs that are going on at the</p> <p>10 moment. And I apologize, I didn't get what was the</p> <p>11 second question? Water. Oh, yes, water. Thank you.</p> <p>12 Thank you.</p> <p>13 So, um, one of our major studies for this work</p> <p>14 will be, in fact, water. So where will it come up from?</p> <p>15 What will it be used? And you know, what other water</p> <p>16 are resources? What's the opportunity to reuse waste</p> <p>17 water, other sources non-potable water. The other thing</p> <p>18 I would mention is that as hydrogen is produced, it will</p> <p>19 illuminate the need for traditional fossil fuels like</p> <p>20 diesel. And producing diesel fuel today, actually takes</p> <p>21 a lot of water. And so we will be looking at the</p> <p>22 viability of the water sources for this work. And</p> <p>23 then also, those things that we could either recycle or</p> <p>24 reuse, and we can also point out that water is</p> <p>25 produced from the use of hydrogen, so it's an</p>	<p style="text-align: right;">Page 68</p> <p>1 things like renewable development is you need to go</p> <p>2 where the renewable's are best. So many of you have</p> <p>3 lived through our June gloom and/or May gray and I'm not</p> <p>4 sure what it is for April, but it's been cloudy a lot</p> <p>5 near the coast. So part of the work is to actually look</p> <p>6 at where the others cause as I mentioned, SoCalGas would</p> <p>7 not intend to produce hydrogen, just move it, where are</p> <p>8 those producers likely to locate? Some of it may be</p> <p>9 within the City limits of Los Angeles so it may not be.</p> <p>10 So it's really talking to those entities who want to</p> <p>11 produce hydrogen. Where do they think they're going to</p> <p>12 locate their facilities and the sunniest best place to</p> <p>13 produce solar technology is probably also going to be</p> <p>14 the best place to produce hydrogen.</p> <p>15 MR. BRITT: And was it Andrea, yes?</p> <p>16 MS. VEGA: Andrea Vega, with Food and Water</p> <p>17 Watch. So I see that you highlighted the Aliso Canyon</p> <p>18 gas storage facility. I am from the San Fernando Valley</p> <p>19 and I am very familiar with Aliso Canyon and the fact</p> <p>20 that the community there is still recovering from the</p> <p>21 gas blowout. And considering that SoCalGas recently</p> <p>22 requested that the CPUC increased the gas storage limits</p> <p>23 at Aliso Canyon, are you still planning to follow</p> <p>24 through with that storage increase? Or would you be</p> <p>25 shutting down that facility by the timeline given by the</p>
<p style="text-align: right;">Page 67</p> <p>1 opportunity to recapture water in some cases.</p> <p>2 MS. TRACY: And Neil, I would like to clarify</p> <p>3 we will not be producing hydrogen and we -- so we are</p> <p>4 speaking with third parties about their production. And</p> <p>5 a lot of green hydrogen or clean renewable hydrogen</p> <p>6 producers have already secured water rights by water use</p> <p>7 that's been displaced and then also, they have already</p> <p>8 established relationships with waste water treatment</p> <p>9 facilities and locating a lot of the production</p> <p>10 facilities in areas adjacent to those facilities.</p> <p>11 MR. BRITT: Okay, Kenta?</p> <p>12 MR. ESTRADA: So taking a step back, in</p> <p>13 layman's terms, why does the pipeline need to be from</p> <p>14 outside Los Angeles basin into Los Angeles? That part I</p> <p>15 didn't fully understand. Just like a simple</p> <p>16 explanation, not technical. That would be great.</p> <p>17 MR. NAVIN. Yeah, great question.</p> <p>18 One of the things that I should say that we</p> <p>19 look at the opportunities, where does the best</p> <p>20 opportunity to produce a hydrogen?</p> <p>21 We're going to look at a number of different</p> <p>22 options and whether or not it makes sense to first start</p> <p>23 at L.A. itself. So have a smaller version or a local</p> <p>24 version of Angeles Link and then build it out over time.</p> <p>25 So it's a very good question. One of the principles of</p>	<p style="text-align: right;">Page 69</p> <p>1 CPUC of Governor Newsom?</p> <p>2 MR. NAVIN: Thank you, great question.</p> <p>3 I'll probably give you a short form answer of</p> <p>4 that, which is this project is actually intended to</p> <p>5 reduce or eliminate ultimately over time the need for</p> <p>6 Aliso Canyon, but it is the intent to look at where the</p> <p>7 hydrogen can play a part in that. So today, where we</p> <p>8 sit today, um, Aliso Canyon still provides an essential</p> <p>9 service, reliability service, the intention of this</p> <p>10 project at least in part, is to actually displace that</p> <p>11 need by using hydrogen for those hard to electrified</p> <p>12 parts of the economy. So ultimately, infrastructure</p> <p>13 like Angeles Link will take time to work with community</p> <p>14 organizations to scope. To make sure that we get your</p> <p>15 voice in the development of the work. Ultimately,</p> <p>16 permit the work around get approval to build and in the</p> <p>17 intervening period, we will likely need Aliso Canyon for</p> <p>18 some purpose.</p> <p>19 This project is intended ultimately to help</p> <p>20 facilitate the reducing or eliminating the need for</p> <p>21 Aliso Canyon.</p> <p>22 MR. BRITT: All right.</p> <p>23 So I see a lot of hands.</p> <p>24 So can I just do a quick time check? So it is</p> <p>25 about 10 to 12:00, this meeting was scheduled to 12:00.</p>


<p style="text-align: right;">Page 70</p> <p>1 So this is great. I mean, this is why we're here to 2 have these robust conversations. We had another agenda 3 item to talk about the alternative analysis process. I 4 think we're kind of at a point now where we need to make 5 a decision. Either we continue with the agenda and 6 Neil makes his last presentation and we continue having 7 a conversation that can go past 12:00. If some you want 8 to stay or potentially, it's just a thought because, I 9 mean, because I am not in control, but we are going to 10 be having these meetings for all of these work studies 11 in July. And the alternative analysis is one of those. 12 We were intending to go over that today. We could lump 13 that in with those other work studies and have a robust 14 conversation. Some of you are already asking questions 15 along the lines of some of the details of some those 16 work study programs that Neil Navin is eluding to. This 17 is a fantastic conversation. This is why we're here. 18 All raising your hand, have something to say. It's why 19 we're doing this. So I want to hear your comments and 20 maybe I'll give these guys a second to think about it, 21 but just maybe we continue the dialogue until 12:00, we 22 have lunch for you.</p> <p>23 We will have the opportunity to do an optional 24 tour, if you would like to do that. We are going to be 25 picking this conversation back up again in two weeks. It</p>	<p style="text-align: right;">Page 72</p> <p>1 we keep hearing questions such as say it in layman's 2 terms things of nature, that our communities our going 3 to have those same exact same questions and concerns, 4 and I think it would be vital to add to this timeline 5 extra focus groups in regions that can benefit from 6 learning on what you are all trying to do. Because when 7 it comes forth, if they don't have the education, it's 8 very easy to deter them and turn them in another 9 direction; right? And use it to fight against you.</p> <p>10 And second thing is that, oh, can we jump way ahead 11 of starting to also have meetings with these groups, 12 these communities, that eventually these job 13 opportunities will emerge. So start now and being able 14 to do what you need to do to fit that criteria. Because 15 like, with Metro, and they did with the Clippers 16 Stadium, by the time they came offering the jobs, people 17 were kind of behind the ball with that.</p> <p>18 So those are the two suggestions I would have 19 really more community-oriented and already preparing 20 those communities and getting ready today do.</p> <p>21 MS. MARQUEZ: And on that note, we're going to 22 take a break. I'm going to pass it back to you, a 23 five-minute break or 10-minute break? We are behind on 24 our agenda and we want to respect your time as well. So 25 if everyone just wanted to suggest five-or-ten-minute</p>
<p style="text-align: right;">Page 71</p> <p>1 seems like or three weeks, into the middle of July. So 2 this is not our last chance to talk; right.</p> <p>3 We're going to be seeing a lot of you guys, 4 but I don't want to stop what's going on here. I feel 5 like it's really positive and you guys have a lot to 6 say, and I think we should hear what you guys have 7 to say.</p> <p>8 MR. FISHER: Michael Fisher, before we leave, 9 I do want to bring to light two things because listening 10 to the conversation and someone that is a advocate for 11 the community, and going back to the question about the 12 timeline, and I think it was Thelma, that brought about 13 focus groups? I think that is very vital. When we talk 14 about the push back that we have already heard about 15 people's misconceptions about asthma and things of that 16 nature, and one thing to advocate for the community that 17 you do not reside in versus those that do reside in 18 those communities, and us being able to speak truth from 19 our realty; right?</p> <p>20 I think that it is important to maybe to 21 consider there are some communities gatekeepers here, 22 that maybe we can think about hosting some focus groups 23 along the way, which unfortunately, it is going to add 24 some more work to you all. But really it add more work 25 to us because we have to be there. I think it is vital</p>	<p style="text-align: right;">Page 73</p> <p>1 break. Our lunch has already been set up and we 2 encourage you to grab something to eat that way eat 3 finishing up today's meeting. And also the restrooms 4 are outside to your left. Keep going straight, pass the 5 register table, to your left. So if anyone wants to 6 suggest five-, ten-minute to take a break. I know it's 7 been quite a bit of information that's has been shared 8 this morning. Let's take a five-minute break and then 9 we are coming back at five to 12:00. Thank you, 10 everybody.</p> <p>11 MR. BRITT: Then as I mentioned, previously, 12 how much this would cost to build. How much this will 13 cost to operate, and then what are the interactions with 14 the current of Federal and State support. To the 15 Federal level, some of you may be aware of the 16 bi-partisan infrastructure build and, it is sometimes 17 called the IIJA. So that has a very specific specific 18 support for clean energy transition, both 19 electrification of hydrogen. And then the Inflation 20 Reduction Act, the IRA, also has things like tax credit 21 that support clean and green hydrogen. And so those 22 will all need to be assessed to look at the what the 23 impact is essentially producing, storing, um, 24 delivering hydrogen, what is the cost of to permit it.</p> <p>25 To look at ultimately, what is the cost of the</p>

<p style="text-align: right;">Page 74</p> <p>1 hydrogen that's produced how many dollars per kilogram, 2 and a kilogram of hydrogen for people is essentially the 3 equivalent of a gallon of gasoline. So it is a term 4 that's used a lot, and it's a dollars per kilogram so 5 about two and a half pounds of hydrogen. And for point 6 of reference, a the Toyota fuel cell car, I think it 7 takes about six kilograms of hydrogen, so that's a 8 measure that would neurologically use to measure the 9 effectiveness of the work and how much it's going to 10 cost to deliver it.</p> <p>11 And then other the work that we are going to 12 do is to look at the environmental impacts of the work 13 that it takes place. So both the construction work and 14 the operations. What are the biological resources? 15 Cultural resources? Tribal resources? And noise? What 16 are those impacts likely to be? Look at the, you know, 17 what permitting will be required to do this work? And 18 there's an acronym there, GIS, which is I think is 19 Geographic Information Service systems, thank you. 20 Basically, what sort of map do you have to look at to 21 understand where the impact are likely to be, who's 22 impacted what communities, and what have you.</p> <p>23 We will be very focused on EJ and disadvantage 24 community impacts. It was central to our application, 25 and it was actually central to the designation by the</p>	<p style="text-align: right;">Page 76</p> <p>1 MR. VAN DE HOEK: I'm Robert Van de Hoek, a 2 Bio Wetlands, professor, all of that.</p> <p>3 So under alternatives, I guess kind of a 4 question about I think from a transparency and safety 5 and security after with our pipelines, if we are going 6 to have hydrogen pipelines, I think it is provocative, 7 but the pipelines be above ground, not below ground. 8 That old way of doing things below ground has lots of 9 cost implications to dig through it. It does not allow 10 the public to see what we're doing to and the pipelines 11 are visible that does allow them to be vandalized or 12 problems but allows faster repair, fixing, management 13 maintenance ad the cost-benefitted analysis would be, 14 you would have to have security and jobs and people who 15 are watching by cameras, but in-person to see or hear 16 that you don't run the risk. If there's an earthquake, 17 if there's a break, if people will know things more 18 about those questions, about you know, this impact this 19 way, I think the transparency and visibility is more 20 honest than not hide it. It's more open for us to be 21 aware.</p> <p>22 Similarly, with where we put the facilities, 23 like I'm imagining the local L.A. area is not a real, it 24 is a mandate or a little project to do in urban areas 25 but there is a danger to do it amongst our Cities. And</p>
<p style="text-align: right;">Page 75</p> <p>1 CPUC so that is something that the first phase will 2 directly address. And then we will be looking at those 3 various options, put together a matrix, um, of what the 4 impacts are likely to be and assessing each one of those 5 alternatives against both the benefits and the impacts. 6 And that the intent is really to minimize those impacts 7 and understand what they are and what the mitigation 8 likely needs to be.</p> <p>9 So I know that we want as much time as 10 questions for possible. I'll cut my remarks short of 11 that, and look forward to your questions.</p> <p>12 MR. BRITT: All right. Thank you Neil, I 13 wanted to go back to one of the slides that Neil covered 14 and open up conversations. So Neil covered project 15 options and alternatives and he covered these for and 16 potential project options, collectivization energy, 17 effeminacy, renewable, and natural gas, and carbon, I 18 was wondering, does anyone have any thoughts on this 19 particular slide? Of other options that should be 20 considered or are we comfortable with these options? Or 21 it is kind of a loaded question, but I think if we can 22 get input on the alternative analysis study on Niel's 23 presented it, that is what we are intending to try to 24 try to get from you guys today. Does anyone? Yes? 25 Okay. And again, remember to state your name.</p>	<p style="text-align: right;">Page 77</p> <p>1 so it's cost effectiveness in the desert where you have 2 solar power being made, and you now have you a pipeline 3 that's going to cause earthquake faults. And so another 4 reason to be above ground so we can kind of that wide 5 open kind of thinking about in a way of thinking of 6 pipelines, reasons hydrogen pipelines and right-of-way 7 on our lest of things. Are we going to use -- have them 8 following existing hydrogen electric lines? Or existing 9 natural gas pipelines? Or are we going to have two 10 pipelines? Three pipelines running along the same 11 fingerprint?</p> <p>12 And since we are going to have all of this 13 open today, in quarters why don't plant millions of 14 trees along those corners that also can make help 15 taking carbon out of the atmosphere.</p> <p>16 MR. BRITT: Thank you, for your input.</p> <p>17 MR. VAN DE HOEK: I try to popularize it and 18 make it simple.</p> <p>19 MR. BRITT: I think you did a good job. 20 Did you have your hand up as well?</p> <p>21 MS. ANDREW: Shawna Andrews with Reimagine LA, to 22 your question about the alternatives, it would be nice 23 if we can see the pros and cons of each in comparison to 24 the Angeles Link systems with their pros and cons to see 25 if maybe those are great alternatives or are they not.</p>

<p style="text-align: right;">Page 78</p> <p>1 So just a have it here and risk it does not give the 2 opportunity to be more well-informed about those 3 alternatives.</p> <p>4 MR. BRITT: Yeah. Just to -- because that is 5 a great question. I just to remind us that these 6 studies haven't even started. So we don't have the 7 results. We are going to get the results that are going 8 to show exactly what you're asking for. So this kind of 9 like a scoping process, where we're talking about the 10 project description, what we're going to be doing in 11 this studies and making sure we're not forgetting 12 something or missing something. So that when the 13 studies do take place, that they are addressing all of 14 your concerns. So as I mentioned a few minutes ago when 15 I think I was answering a question over here, you're 16 going to get two or three bites of the same apple and 17 you're going to see the progress of the studies and the 18 results of the studies are going to inform you exactly 19 what you're talking about. Yeah.</p> <p>20 MR. NAVIN: Can I just add on for a second. 21 So Jill Tracy earlier in the day, talked about the 22 various times that we are very intentionally coming to 23 you to talk about the scope of the work. Um, get your 24 input, um, we'll have results, so we want to show you 25 the primary results and also get your input, and then</p>	<p style="text-align: right;">Page 80</p> <p>1 batteries because obviously, you need the batteries in 2 storage for the times when we don't have the sunshine 3 all the time.</p> <p>4 MR. BRITT: Thank you, Marcia.</p> <p>5 MR. FISHER: Michael Fisher, does that work, 6 great. First of all, the cookies are great. I wanted 7 to add to this because I know all of this to help people 8 be able to kind of understand the significance of us you 9 know bringing hydrogen fuels and those alternatives, 10 what about doing a study and I always lead in with more 11 work for all as a pastor, I know how it is to have a 12 congregation telling you all of the things to do and 13 then go home. But so a little bit more work for ya'll, 14 it can be beneficial if you add to the study, how 15 this pivot can add of course more jobs; right? I think 16 an in depth study showing us exactly how many more 17 employment opportunities can be birthed out of this with 18 the added segment. But the other part is, the educating 19 piece; right?</p> <p>20 So when we start talking about hydrogen, start 21 talking about moving from methane and all of that, it 22 creates an opportunity for a whole other generation to 23 be intrigued; right? So how many more opportunities can 24 be birthed for L.A. Unified School District, after 25 school programs, the State programs, all of that stuff,</p>
<p style="text-align: right;">Page 79</p> <p>1 headed towards the end preliminary findings at the end, 2 also get your input. So this is the beginning of the 3 journey and really intended to show you what we're 4 likely to look at when we started talking about the 5 method of analysis. And the results themselves, you're 6 going to see all of that.</p> <p>7 MR. BRITT: Yeah. Marcia?</p> <p>8 MS. MYHRA: Hi, my name is Marcia with Bio 9 Wetlands Institute. I have an alternative that I think 10 is kind of about out of the box since we're looking at 11 really making a big change, maybe, could be considered 12 as an alternative. I learned from my new friend Edith, 13 back here this morning, and it was great, a great, um, 14 learning that SoCalGas does want to get completely off 15 of methane and that's great because it is a huge 16 contributor to climate impact, big gas much more than we 17 thought. And so clearly, this is an effort towards that 18 to change SoCalGas into something else. Like, and I'd 19 like to think maybe a new name could be 20 Southern California rooftop solar for all. And in other 21 words, why aren't we putting solar on every single 22 rooftop in L.A. County? And why are we not doing that? 23 And couldn't that be a great project business for you 24 all? So that's an alternative I'd like to see explored. 25 Is, you know, rooftop solar everywhere, and can run with</p>	<p style="text-align: right;">Page 81</p> <p>1 so that might be a good study to add with this as well 2 kind of helps the boost all of that.</p> <p>3 MR. BRITT: Excellent point. Yes, we have 4 some hands over here. All right. We have hands 5 everywhere, we are just going go to go around and go 6 ahead, Enrique, you have the mic, go ahead.</p> <p>7 MR. ARANDA: I am very pleased to see the 8 beginning of a cool design process. It really makes me 9 feel as a partner, and I think a lot of us around this 10 table really want to be active partners and going 11 forward and with the hydrogen. Because we don't know 12 it, and we don't know it, we can't go back to our 13 respective organizations and memberships and being able 14 to do that. I agree with what Michael Fisher was 15 saying, is the whole education thing. Being mindful is 16 just a framework that's the beginning, we want do not 17 want to be subjects and we want to be co-authors. And 18 just like you, recognize on unoccupied territory, and as 19 Andrea points out, we need to recognize -- and we're 20 also, and as we look at the some of these communities as 21 possible sightings, that the fact that just recognizing 22 the stationary and mobile source pollution and that 23 first impact has on the community as color, the 24 environmental justice reality, that many of us are 25 living in. I grew up along the 710 and, the 105, and</p>

<p style="text-align: right;">Page 82</p> <p>1 Lynwood, so I can tell you stories a lot of us can tell 2 you stories.</p> <p>3 Yesterday, on the news, we saw the horrible 4 aftermath of litigation now suing high school because of 5 the stationary looter that has gone away. For years and 6 years we have had children with asthma, children with 7 cancer, dying so I think just seeing that in the 8 framework will just do a lot of justice and I think it 9 will illuminate a lot of the naysayers, who are 10 naysayers because they really, we just don't understand 11 hydrogen.</p> <p>12 MR. BRITT: Thank you, so much. That's so 13 true Enrique. We really appreciate that comment. 14 Kenta, well, we will go around and bounce around, sure.</p> <p>15 MS. TOVAR: Roselyn Tovar, from looking at the 16 these alternative, I am curious to know what percentage 17 of it is going to be focused on electrification 18 specifically, um, from looking at the descriptions, for 19 example, the project option alternatives one seems to 20 focus a lot on the localized hydrogen hub, I'm worried 21 that it won't focus enough on electrodesiccation. So I 22 think it would be good for electrification to 23 potentially be it's own study. Um, that make sure that 24 the options are separated from hydrogen, so really 25 considering solar and wind and options that we already</p>	<p style="text-align: right;">Page 84</p> <p>1 we believe are likely to be parts of the economy that 2 are hard to electrify. So things like, heavy duty 3 trucks and a high heat manufacturing. And so that's a 4 very specific intention to look at those things at 5 today's are likely and this is not SoCalGassing, this is 6 many others that it will likely be hard to electrify. 7 But in our study, we will look at whether or not and how 8 those applications might be electrified.</p> <p>9 So the intention really is to look at the 10 areas where, um, batteries may not be the entirety of 11 the answer or wind and solar and may need something 12 more. Some of you likely know, we have an abundance of 13 wind and solar, so much so, that we actually can't use 14 all of the wind and solar we have today. On an average, 15 March, April, May, day because we load is not high 16 enough, but on an August day, when it's very hot, it's 17 very hard to keep the electricity flowing sometimes. So 18 we will be looking at those types of elements and 19 measuring them against the Valium of what hydrogen could 20 bring. And also, things like energy efficiency, which 21 we all know is very important. So making homes, 22 businesses, the entirety of the economy, most commercial 23 elements, more efficient. How do all it all play?</p> <p>24 Again, I just want to go back to what Jill 25 said earlier, the intention is really to lay out the</p>
<p style="text-align: right;">Page 83</p> <p>1 have renewable energy, that don't need combustion, like 2 hydrogen, for example.</p> <p>3 So I'm just curious to know, looking at the 4 study now, do we have like an estimate of what 5 percentage we will focus on electrification?</p> <p>6 MR. NAVIN: What I would say is, we will take 7 your input, electrification is certainly one of the 8 elements that we're going to look at and as an 9 alternative. And I think maybe to Marcia's 10 standpoint, that is looking at all sorts of solar, and 11 whether or not they can meet the need that is emerging 12 for clean solutions for not just residential and home 13 applications, but also things like trucking industry, 14 aviation, other elements in the economy. But we will 15 get an answer to your question.</p> <p>16 MR. BRITT: Neil, correct me if I'm wrong, but 17 hydrogen is closing the gap that exists between existing 18 things that are already electrifying and things that are 19 already happening. Hydrogen is closing the gap and the 20 options are looking at the ways that could be closing 21 the gap besides hydrogen, is that a fair way of saying 22 that?</p> <p>23 MR. NAVIN: So Angeles Link, again, the 24 project Angeles Link, the one that we're here talking 25 about today, is really intended to focus on what today,</p>	<p style="text-align: right;">Page 85</p> <p>1 facets of the study, how it gets studied, you will see 2 as part of the work you're going to see over the coming 3 months.</p> <p>4 MR. BRITT: Yup. Yes?</p> <p>5 UNKNOWN SPEAKER: In terms of electrification 6 and all of the alternative, first of all, who will be 7 conducting this study? Will time factor in here? 8 Because I know for instance, in terms of 9 electrification, we already have, um, a lot of what we 10 need to electrify homes, we just don't have enough 11 workers to Michael's point. And I mean, we even have 12 rebates for a lot of low income households to do this 13 work for free. I mean, in terms of subsidies, we just 14 don't have the work force to it. And stop voicing the 15 people where they live and I think that will be I think 16 an immediate concern, like, how fast can all this be 17 done, especially since given in a fact we are in a 18 climate crisis? Also, in terms of storage, I do agree 19 that we have a lot of clean power that we need to store. 20 But we do have a lot of solutions that we already know 21 about, like pump hydro, well, air compressed air storage 22 that don't really require any kind of combustion. So 23 what will be also analyzed.</p> <p>24 And over all, where will equity play a role in 25 all of these. And also, will there be and I shouldn't</p>

<p style="text-align: right;">Page 86</p> <p>1 apologize, any kind of consultation and some kind of 2 tribal folk?</p> <p>3 MR. NAVIN: I'll start and if Jill wants to jump 4 in, she's welcome to. I will take your comment onto 5 consultation and I think we will probably have to 6 address that later, but a great comment.</p> <p>7 On the alternatives around electrification, I 8 think the intent is to really to look at the full suit 9 of electrification options, but I should note, that 10 Angeles Link really isn't intended to not serve as 11 homes. So as you mentioned homes, Angeles Link is 12 really trying to focus in on the hard to electrified 13 parts of the economy, so heavy duty commercial and 14 industrial, heavy duty transportation, dispatch 15 degeneration, those things where today, it appears that 16 those will be harder to electrify. So again I encourage 17 you to go back and look at our application and talk to 18 us more about that. The idea is that, likely, those 19 will need some solution maybe on top of electrification 20 that are more appropriate that actually allows more like 21 inter-seasonal storage of energy. And so all of those 22 will be in some fashion, assessed either in phase one in 23 the studies we have to embark on or in phase two in more 24 detail.</p> <p>25 I don't know if we have picked a consultant</p>	<p style="text-align: right;">Page 88</p> <p>1 somewhere or cue somewhere? They will be under the 2 dome, okay. So if you would like to go, you should 3 probably start walking over there fairly soon. Because 4 12:45 is only five minutes away. We are going to take a 5 couple more questions. I don't want shut it down until 6 everyone has an answer to their questions.</p> <p>7 Again, reminding you, will be back. This is 8 not your last chance. And we are really excited that 9 you guys have a lot to say, and we want to keep that 10 going so go ahead, Kenta.</p> <p>11 MR. ESTRADA: Okay, thank you.</p> <p>12 One more question. From that I understood, 13 SoCalGas is not going to be producing the hydrogen, 14 right, but these alternative will have to production or 15 combustion. What we're -- the link is the way it's 16 going be transported; right? So just -- we're thinking 17 about this, how do we think -- how do we process that 18 this as far as like the alternatives analysis because 19 it's not apples to apples; right?</p> <p>20 MR. NAVIN: Yeah. I should be clear, that the 21 work that we would do to assess the impact of Angeles 22 Link would include, work that -- actually, performed 23 assets that would be owned by other entities to say 24 produce hydrogen. So you could imagine a solar field 25 that'll produces electricity, but also produces</p>
<p style="text-align: right;">Page 87</p> <p>1 yet, but when we do, we will let you know who it is. 2 Yeah.</p> <p>3 MR. BRITT: Jill, did you want to add to that? 4 MS. TRACY: Yes, thank you.</p> <p>5 The final decision requires environmental 6 analysis including environmental justice issues 7 associated with the alternatives, so that is described 8 in the study description, that's in your materials. And 9 so if you have further impact, further input that you 10 would like to give us, please do. And so part of the 11 overall alternative study, there's two different 12 components that are, like, kind of beyond a regular 13 alternatives assessment, and that is the environmental 14 justice and the environmental assessment then also, the 15 cost of effectiveness portion. The environmental 16 assessment work is being performed by Insignia by the 17 same consultant that is doing our overall environmental 18 assessments in phase one. And so they have a group 19 that's specializes in environmental justice issues. And 20 then also tribal-base sources will be part of that 21 analysis as well.</p> <p>22 MR. BRITT: All right.</p> <p>23 It is 12:40, the last tour available is at 24 12:45. I was just told. So if people do want to go on 25 that tour, Stevie, I don't know if the AltaSea person go</p>	<p style="text-align: right;">Page 89</p> <p>1 hydrogen. The intention as we look at the costs, but 2 also the impacts, as to actually assess what those 3 impacts are likely to be, even though we wouldn't own or 4 operate any of those facilities, ultimately. But the 5 idea is, one of the principles in these kind of reviews 6 is to try to look at the whole project, overall.</p> <p>7 Again, even though we wouldn't seek a SoCalGas 8 to produce hydrogen we really feel that we are the 9 connection between the traditional gas producers who 10 would want to shift to hydrogen, and green hydrogen, and 11 clean hydrogen, and then new entities like wind and 12 solar developers who want to do that as well, so great 13 question.</p> <p>14 MR. BRITT: I am going to bring up Alma to go 15 over a couple of last second slides and then transition 16 into ending the meeting.</p> <p>17 MS. MARQUEZ: All right.</p> <p>18 So thank you, first and foremost for all of your 19 feedback and I think it was rich dialogue, and that is 20 exactly what the whole goal of today's meeting was so 21 you so much for that. I'm going to you walk through to 22 our next steps and future topics. We will be sending 23 you debrief e-mail after our previous two meetings that 24 we have had that includes disc by desk and an executive 25 summary report and similar to you what we have sent you</p>

<p style="text-align: right;">Page 90</p> <p>1 in the past. And by early, July, we will also send out 2 the remaining study descriptions as Jill, Niel, and 3 Emily mentioned, and by that it helps to provide a 4 calendar of our collaborative approach to reviewing 5 these studies together. So this will all be in the 6 first week of July.</p> <p>7 And also, we want to remind you that we do 8 have a QR code for today's meeting. We want to learn 9 how to make this process easier, and more fluent so that 10 we make sure that we receive everyone's feedback and 11 everyone understands the content that we have going. 12 And so we do have the QR code in the back so it will be 13 very helpful for us in future meetings. And lastly, but 14 not least, I want to remind everyone that, again we are 15 accepting feedback. And if you want to submit them you 16 can send them to me directly, to Emily, to Niel, to 17 Jill, or anyone else here. And also, final is that our 18 SoCalGas staff will be around, so if you have any more 19 questions, they will be to here to answer those 20 questions. And with that, we do have the optional tour 21 as Chester had mentioned for those folks that are trying 22 to make that. So we want to make sure, be respectful of 23 what you requested and they will be out there as well. 24 And I believe Jill has one more comment and we will wrap 25 up today's meeting.</p>	<p style="text-align: right;">Page 92</p> <p style="text-align: center;">REPORTER'S CERTIFICATION</p> <p>1 2 3 I, Alyssa Fulmer, a Shorthand Reporter, do 4 hereby certify: 5 That the foregoing proceedings were taken 6 before me at the time and place herein set forth; that 7 any witnesses in the foregoing proceedings, prior to 8 testifying, were duly sworn; that a record of the 9 proceedings was made by me using machine shorthand, 10 which was thereafter transcribed under my direction; 11 that the foregoing transcript is a true record of the 12 testimony given. 13 Further, that if the foregoing pertains to the 14 original transcript of a deposition in a federal case, 15 before completion of the proceedings, review of the 16 transcript was requested. 17 I further certify I am neither financially 18 interested in the action nor a relative or employee of 19 any attorney or party to this action. 20 IN WITNESS WHEREOF, I have this date subscribed 21 my name. 22 Dated: July 3, 2023 23 24  25</p>
<p style="text-align: right;">Page 91</p> <p>1 MS. TRACY: Yeah. Real quickly, I wanted to 2 mention thank you, again for coming and then I think 3 there might be some extra food in the back. And we 4 would love to see a few folks take it home with you or 5 give to anybody, we don't to see anything go to waste, 6 so please feel free to bring any of the food home with 7 you, thank you.</p> <p>8 MS. MARQUEZ: All right. That'll be part of 9 the debrief materials, absolutely, Marcia.</p> <p>10 MS. TRACY: And the polling results as well 11 will be published in that.</p> <p>12 MS. MARQUEZ: Okay, and so with that, I just 13 want to again, thank you all for your time and your 14 commitment to the Angeles Link, CBO stakeholder first 15 in-person meeting and for this entire process. So 16 thanks again, drive safely. 17 (proceedings concluded at 12:45p.m.) 18 19 20 21 22 23 24 25</p>	

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In the Matter Of:

Community Based Organization Stakeholder Meeting

SOCAL GAS ANGELES LINK PROJECT

May 18, 2023

Case No:

CERTIFIED COPY

Community Based Organization Stakeholder Meeting
SoCal Gas Angeles Link Project

Thursday, May 18, 2023

10:00 a.m. - 11:00 a.m.

Reported by:

Elaina Ruiz
CSR No. 14450

CERTIFIED COPY

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Community Based Organization Stakeholder Meeting
SoCal Gas Angeles Link Project

Thursday, May 18, 2023

10:00 a.m. - 11:00 a.m.

MR. BRITT: Good morning I want to welcome all of our community based organization stakeholder group members who are joining our meeting this morning. We're going to start momentarily. We'll give everyone a chance to get settled and get to their desks and turn all of their links on, make sure your microphone is muted. We'll go over some of the rules of the Zoom call in just a moment, but we'll be starting momentarily. Thank you so much.

MR. BRITT: All right. Good morning. I want to welcome everyone to the Angeles Link stakeholder engagement plan webinar. This meeting this morning is for community based organization stakeholder group. I want to thank you for joining the webinar this morning and taking time out of your busy schedule. We have a full agenda which we're going to go ahead and get started with, but before we do that we'll go over a couple of the Zoom call pointers. This meeting will be recorded both video and audio and a court reporter

1 will be transcribing the meeting. Translation will be
2 available for this meeting and upon request for the next
3 meeting that we're going to have with our planning advisory
4 group. And I'll let Alma make an announcement in Spanish for
5 anyone who needs interpretation or translation.

6 (Welcome intro interpreted.)

7 MR. BRITT: All right. If you do need
8 interpretation, you should see a globe looking icon at the
9 bottom of your Zoom call. You can just click on that and
10 that will put you into an audio room where you will hear the
11 presentation translated into Spanish, and you should be able
12 to also communicate with the translator if you need to. So
13 thank you, Alma for that. The microphones are muted by our
14 host to eliminate background noise during the call. We will
15 be giving you an opportunity to speak, and at that point
16 you'll need to unmute yourself after we unmute you as well.

17 We encourage you to turn on your cameras so we can
18 better engage with you. It's always nice to see friendly
19 faces so we would encourage you to do that. Please feel free
20 to use the Zoom Chat to provide any input and ask questions
21 throughout the agenda. The Chat function will remain
22 available during the meeting. So as we're going through the
23 presentation, if you think about a comment or a question or a
24 thought, you are encouraged to go ahead and put that in the
25 Chat.

1 If you'd like to notify us that you would like to
2 speak, you will just need to press the raise your hand button
3 at the bottom of the screen, and that will notify us that you
4 are requesting to speak. Zoom actually organizes those in
5 the order that we receive them. So once we have a collection
6 of people who would like to speak, we'll be able to read off
7 those who raise their hand first, and we'll give you notice
8 that we're going to be calling on you to do that and then you
9 can unmute yourself, and we'll be able to hear what you have
10 to say.

11 We have built into the agenda, if we can go to the
12 next slide, an opportunity for you to give us input.
13 Obviously we're here to hear from you as well as give
14 information about the process. This is our agenda. We'll
15 have a brief welcome and introduction. Today's meeting is
16 really focused on the stakeholder engagement plan. Hopefully
17 you've received that. We sent it out earlier this week as a
18 draft document for you to look at and review. This meeting
19 is focused on that and the organization of the agenda follows
20 that. So if you've made notes in the document we sent you,
21 you should be able to track along with today's presentation
22 and everything should make sense.

23 We'll also cover some other engagement options that
24 we're considering between meetings, and we'll also talk about
25 the CPUC quarterly report status, and finally we'll have a

1 group discussion and then we'll have a single slide talking
2 about next steps. Today's agenda should be an hour-long
3 meeting. So we'll try to keep you on track, and if you could
4 do the same with us, and we'll try to get you out on time.

5 A brief look ahead slide before we get into the SEP
6 is our June quarterly meetings which are coming up in a month
7 from now, a little over a month. The possible agenda topics
8 include an overview of the scopes of work for the various
9 studies to be presented by subject matter experts. So we're
10 going to hopefully be able to give you an opportunity to look
11 at the scopes of work for some of our technical studies that
12 are coming up and be able to weigh in on those so that we
13 have the opportunity to get the benefit of your input before
14 those are solidified and the work begins on some of those
15 technical studies.

16 We'll also cover some hydrogen safety issues, talk
17 about collaboration on systemic approach to submit comments
18 on the quarterly report. Those are going to continue to go
19 out. We'll want to make sure that everyone understands how
20 you participate in that process. And we'll also talk about
21 additional ideas, and we're welcoming obviously your input on
22 all of that. Today's meeting is not about any of these
23 things. It's specifically about the SEP, which is the
24 Stakeholder Engagement Plan. But just giving you kind of a
25 fair warning that these topics are coming up at our next

1 meeting, which is our regularly scheduled quarterly meeting
2 in June.

3 So with that I'm going to turn it over to Emily.

4 MS. GRANT: Thanks, Chester.

5 Good morning everybody. I'm Emily Grant, I'm the
6 Senior Public Affairs manager with Angeles Link. It's so
7 nice to see all of you again in this format. Welcome to
8 those of you who are joining us for the first time. We're
9 really excited to have you. I wanted to take a quick second
10 to introduce your core team for stakeholder engagement. I
11 have what I like to call my two right hands in Chester Britt
12 our PAG Lead, he's with Arrellano Associates, and also the
13 wonderful Alma Marquez with the Andrew's group who is our
14 CBOSG Lead. You've probably received emails from all three
15 of us by now. But we just wanted to take a quick second to
16 say hello and reintroduce ourselves. And again, we are your
17 core team for everything stakeholder engagement related for
18 Angeles Link. So we're just here to help if you need
19 anything at all. I also wanted to say to you, like Chester
20 alluded to, we've got a pretty robust agenda today and only
21 an hour to get through it. So in the interest of time, we
22 are not going to do self-introductions for this meeting, but
23 that doesn't mean we don't want to hear from you. So please
24 take a moment to say hello in the Chat. The Chat feature is
25 active and ready to go. So we'd love for you to say hi.

1 Remind us what organization you are with, and maybe add what
2 you'd love to get out of today's meeting. Just thanks again,
3 and welcome.

4 MR. BRITT: Thanks, Emily.

5 And then I'll just add at our June meeting we're
6 going to be meeting in person. So we're going to have an
7 opportunity to break bread together, and have an opportunity
8 to network and talk amongst ourselves, and to introduce
9 ourselves in a more direct way. So that will be a tremendous
10 opportunity. We're looking forward to that.

11 So as I mentioned today's meeting is up on the
12 Stakeholder Engagement Plan. You should have received it
13 earlier. The Power Point slides today, they basically track
14 that Stakeholder Engagement Plan of organization. So the
15 first section is on introduction. So we'll go ahead and get
16 started on that. If you're taking notes this should all look
17 familiar. We want to make it very clear that we're in Phase
18 1 Activities right now.

19 So Phase 1 Activities have been approved by the
20 final decision. If we were to ever consider going into Phase
21 2 or Phase 3, that is subject to California Public Utilities
22 approval. So everything that we're talking about today the
23 Stakeholder Engagement Plan is focused only specifically on
24 Phase 1 Activities.

25 So what is the Stakeholder Engagement Plan, and why

1 are we doing it? Well, it's essentially a blueprint for how
2 we're going to do our stakeholder engagement process.
3 Essentially a road map on how things are going to be
4 conducted for Phase 1 Activities.

5 It also outlines the communication tools and
6 techniques that will be needed, and we're going to use those
7 to both educate, inform, and also garner input and support of
8 the technical study process.

9 Essentially what we're going to try to do is build a
10 bridge between the technical study process and the
11 stakeholders, and on that bridge you have education and
12 information going one direction, you have input coming back
13 from the other direction. So we want to build that bridge so
14 that both sides are getting informed as to what the needs are
15 on the other side.

16 We're also going to make this document flexible, you
17 know, it's a good document, it outlines what we're going to
18 be doing. But we understand that there could be unforeseen
19 things and challenges and needs that arise on the project
20 throughout the process as the technical studies are revealing
21 what they're revealing, and we're going to try our best to
22 accommodate those unforeseen changes and modify our approach
23 to address those things.

24 We also want to make sure that the document is
25 consistent with the final decision. It does comply with the

1 product specific standards and engagement activities
2 described therein. It also identifies how SoCal Gas plans to
3 process and gather and address all the stakeholder input, and
4 also facilitates meaningful participation. Again, the
5 purpose of this engagement process is to get input from you
6 and to make sure that that's relevant for our Phase 1
7 Activities.

8 And then finally, to facilitate a transparent
9 process by sharing the data and being proactive in doing that
10 and making sure we're giving you information as we're getting
11 it so that you can participate in reviewing it, and giving us
12 valuable input back.

13 Section 2 is really focused on the stakeholder
14 governments and the roles of each of the participating groups
15 in the stakeholder engagement process. So the first group is
16 the SoCal Gas role. So what is their role? SoCal Gas's role
17 is really to identify potential members for the PAG and the
18 CBOSG. So it took us a couple months to really constitute
19 both of these groups. We're still adding people, and people
20 are still engaging us as to their opportunity to join these
21 groups.

22 So that's what we've been working on for the last
23 few months as well as other things. Their role's also to
24 convene and facilitate content for these quarterly meetings.
25 These meetings are going to require a lot of technical input,

1 which the consultants that they've hired as well as their own
2 internal staff will be providing that information. Also make
3 available technical studies and get them to you as it becomes
4 available. Again we talked about being proactive. That's
5 what we're going to be doing, and SoCal gas will be leading
6 the way in doing that.

7 We'll also facilitate transparent proactive outreach
8 at all levels of stakeholders. This is a very important
9 point. Our understanding is that the stakeholder groups are
10 wide and vary, and they should be. There's all levels from
11 Grassroots to Grasstops, and so we want to make sure that
12 we're providing a process that allows us to communicate and
13 engage with all levels of stakeholders. SoCal Gas's role is
14 also to coordinate with the energy division of the CPUC, and
15 then finally to comply with the final decision.

16 So what is your role? Well, we have two primary
17 groups, The planning advisory group, which we'll have a
18 meeting later today as well to talk to them. Their role is
19 to provide technical input on an advisory basis, and also to
20 collaborate on project design and development. They are also
21 a representative group covering a broad array of interests
22 and expertise. The community base organization stakeholder
23 group, which is today's meeting right now that we're having
24 is really representative of community base organizations,
25 environmental social justice groups, disadvantaged

1 communities, church and school groups.

2 And one of your roles is also to advance the needs
3 of local communities including access to resources, education
4 and community news. So you can see there is some overlap
5 between the two groups. There is some CBOSG membership on
6 the PAG as well, and we'll be covering basically the same
7 information as we go through this process. So the guiding
8 principals for our time together is really important. We
9 want to make sure that the participation will be founded on
10 openness, transparency, communication, and accountability to
11 all its members. That's the foundational principal for us
12 getting together and making this productive.

13 It also requires transparency. We want to make sure
14 again, that we're being transparent, that we're being
15 proactive, and that requires dialog and participation. So
16 it's not just us talking at you, it's you giving us
17 information back.

18 We want to have a dialogue between the two of us.
19 That's my role to facilitate that, to hopefully help both
20 sides achieve that. We want to recognize that it's an
21 equitable process and it's integral to having an equitable
22 energy solution. So if we're going to have a process that
23 results in an equitable solution for all of Southern
24 California, then it has to be an equitable process that we're
25 going through together as part of the PAG and the CBOSG.

1 And then finally the CBOSG is an advisory body, and
2 some of these are maybe commonsensical, but the engagement
3 guidelines that we want to just make sure that we all
4 understand going into this is that actively participating in
5 the review of materials and discussion, we're going to have
6 very full agendas going forward. We're going to always try
7 to provide you information before the meetings. We would
8 encourage you to spend time looking at the materials we send
9 you, to be ready for the meetings as much as you can be so
10 that we can have a really productive time session together.
11 We want to make sure that we communicate openly and are
12 courteous and are good listeners of others' opinions.

13 We've mentioned over and over again that these are
14 representative groups, and therefore they are very diverse in
15 their opinions and their positions and how they look at this.
16 And so we want to make sure that we're hearing from everyone.
17 That's the whole point. We want everyone to communicate, and
18 we want to hear everyone's opinion, and to do that we all
19 need to be good listeners. We also need to refrain from any
20 form of personal tax and use of profanity.

21 I would personally like for you to respect the role
22 of my job as being the facilitator. My job is to hear from
23 you. Literally that's my job is to make sure it's not just
24 one person speaking, but we have a lot of people speaking.
25 So I'm going to do my best to do that, and I would just ask

1 you to respect that.

2 Going forward we'll also need to prioritize your
3 involvement to maximize the benefit of all the participants.
4 We know that everyone is busy, and we know that when you come
5 to these meetings you take time out of your busy schedule to
6 be here. So again, we would ask that you come focused and
7 ready to participate.

8 Respect the time limits for the agenda items. We
9 have a lot to cover. There might be times where we get off
10 topic or we start to slide into other things. We can always
11 pick those things up at future meetings. The good news is,
12 is that we're not just going to have one meeting with you,
13 we're going to have realms and series of meetings, and so
14 you'll have opportunities to continue those conversations.
15 And then finally designate an alternate to cover you if you
16 are unavailable. So if you find yourself not being able to
17 attend a meeting, we'd encourage you to recommend an
18 alternate and let us know about that.

19 SoCal Gas's additional commitments are to actively
20 listen and report feedback, to address questions, comments,
21 and concerns, and to review, consider, and learn from the
22 advice that we get from you. So we're doing these meetings
23 not just to to hear from you, but actually take your input
24 and to do something with it.

25 Here's our tentative schedule of meetings. We had

1 our meeting in March, which was a good series of meetings.
2 Both for the PAG and CBOSG. We have our meetings scheduled
3 on June 22nd with the CBOSG, which we'll talk a little bit
4 about later in the agenda. That meeting is going to be
5 in-person. We'll give you a little bit of information about
6 that. And then we're going to alternate between in-person
7 and virtual meetings. At least that's our tentative schedule
8 of how we're going to lay these out. And then you can see
9 the asterisk at the bottom.

10 There will be the option to have additional special
11 meetings, which may be needed, which today is an example.
12 We're having this meeting because we felt it was important to
13 have a discussion about the SEP, and so that's why we
14 scheduled this in between our normal quarterly meetings.

15 With that I'll turn it over to Alma.

16 MS. MARQUEZ: Thank you, Chester.

17 So there is an application that we're asking CBOs to
18 submit to join the CBO Stakeholder Group. I want to thank
19 the CBOs that have already submitted their applications. You
20 should have received an email from me on Monday that
21 officially welcomed you as a member of the CBO Stakeholder
22 Group. I'm excited to share that as of today on behalf of
23 our project team we have 22 Stakeholder Group members to
24 date. So thank you for your interests and submissions, and I
25 see quite a bit of you are joining us here this morning. So

1 thank you again for being here and for your interest in this
2 project.

3 As we take a look at this slide I would like to note
4 that in the Quarter-1 report we did receive some feedback
5 from the PAG and other CBOs on the application process, which
6 we did incorporate into our updated application form. I just
7 wanted to note that one of those changes was removing the
8 criteria that required CBOs to have five years of community
9 organizing experience, and we're also accepting applications
10 on an ongoing basis until we get to about 35 organizations.

11 Just as a reminder that this application is purely
12 administrative in nature and serves as a tool for us to know
13 who you are, and allows us to process payment. So as we all
14 know that's very important. We need to collect W-9s and so
15 forth and invoices. So that is just part of that
16 administrative procedure that here at the Lee Andrews Group
17 where we've done quite a bit of. And we truly want to make
18 this an inclusive process for all stakeholders to learn about
19 Angeles Link and provide feedback.

20 Next slide, please.

21 So SoCal Gas has been coordinating with the CPUC
22 Energy division and PAG members to develop a plan and a set
23 of procedures to compensate CBO Stakeholder Group members.
24 CBO Stakeholder Group members will receive \$500 for the
25 quarterly meeting and \$150 for optional meetings.

1 Next slide.

2 And we do have a payment timeline where we are going
3 to track and process all payments, and this will be done by
4 Lee Andrews Group. Only for today's optional meeting will
5 your check be processed after the June 22nd quarterly meeting
6 because we're waiting final approval from the CPUC to include
7 PAG feedback. Feel free to reach out to me directly for any
8 questions you may have on this process.

9 Back to you, Chester.

10 MR. BRITT: Thank you, Alma. All right. We're
11 going to now go into Section 3 of the Stakeholder Engagement
12 Plan, it's the key audiences. So this slide might look
13 familiar. We used it at our last meeting in March, but we
14 wanted to just reiterate that this is a representative group,
15 the Planning Advisory Group.

16 Over 40 members have been invited to participate,
17 they're given one seat, and an alternate per organization,
18 and we're open to new members. One of the things I wanted to
19 point out in the slide is if you look at the wheel diagram it
20 is the representative nature of the group. It covers a lot
21 of different industry groups, and we look for different
22 categorical groups that are important to hear from. I won't
23 cover all of them, but you can see the diversity of those
24 groups.

25 Everything from academic institutions to

1 environmental groups, the labor unions to Arches to
2 manufacturing government agencies, heavy duty trucks.
3 There's a lot of different categorical groups we that we need
4 to hear from. So that's one of main takeaways for the
5 Planning Advisory Group is that it is representative, it is
6 diverse, it does have a lot of interest, and we want to make
7 sure that those are part of the process.

8 Go ahead, Alma.

9 MS. MARQUEZ: So similar to what Chester mentioned,
10 the CBO Stakeholder Group is also a diverse group of sectors
11 that include Social Justice Organization of our Mental
12 Organization faith based groups, and as you could see from
13 today's meeting, we have that diversity here today, and that
14 is very crucial in our process because as we're gearing
15 towards completing our group, we are engaging about 35
16 organizations where, in my experience it'll, be a good number
17 for us to give everyone an opportunity to express themselves
18 in an adequate and meaningful engagement.

19 So we want to encourage folks to continue to submit
20 your applications until we meet this number and we're able to
21 have this engagement throughout this process. Some of us
22 have been in these kind of forums before, and so as you know,
23 we really need to get a group that we're able to make sure
24 we're giving everyone an equal opportunity to speak, and so
25 we feel that this is a comparable number that we can move

1 forward on this process.

2 Thank you, Chester.

3 MR. BRITT: You're welcome.

4 All right. Now, we're in Section 4, which is
5 communication methods. So in order for us to be effective at
6 communicating with you throughout this process, we'll need to
7 use a variety of tools and techniques as well as materials.

8 We can go to the next slide. There we go.

9 So here's the kind of the materials that are in our
10 tool chest that we could be using to communicate with you.
11 We'll be using fact sheets, frequently asked questions,
12 glossary of terms, other topical fact sheets as needed,
13 infographics, presentation materials, videos illustrations,
14 photos. Again, we don't know exactly what we're going to
15 need to communicate with you, but we know we have a lot of
16 opportunities and options to do whatever it is that we need
17 to do to effectively communicate with you.

18 If you have certain things that you think would be
19 helpful for the group to have, we would welcome any input
20 that you have. We are working on these right now. Our goal
21 is to have most of these things in place and updated on our
22 website in June, which we'll talk to you a little bit about
23 as well. But again, we will have collateral materials that
24 will support both the findings of the technical process as
25 well as the Angeles Link process in general.

1 Some of the tools and techniques for us to both
2 disseminate information as well as the garner input included
3 in our website, which again, as I mentioned, is being updated
4 now. It also has good information on it already as it
5 exists, but it's going to be updated and continued to be
6 refined as we go along. We also will be having our quarterly
7 meetings, interactive tools and digital engagement, you know,
8 we're going to have surveys and interactive tools as part of
9 our meetings. Again, one of the challenges of having
10 facilitated groups as big as 30 to 40 members is that it's
11 hard to hear from every single person and to go around the
12 horn and everyone say something. So sometimes it will be
13 helpful to have digital engagement tools which allow us to
14 get quick responses from everyone and real responses
15 displayed as bar charts or pie charts, and that helps me as a
16 facilitator to have a floor conversation about specific
17 things that we can see that are interesting by the group and
18 as far as how you reply to those things. So we'll bring
19 forward a lot of engagement tools in our meetings to make
20 sure that they're interactive. You can reach out to Emily
21 directly, and I know some of you already have. I know she
22 welcomes that.

23 Having that one on one conversation is always
24 important, project emails, and then also surveys, as I
25 mentioned. Sometimes we might even do surveys in between

1 mid-cycle between our quarterly meetings. Maybe there's
2 things that come up that we just want to hear from you on,
3 and rather than having a special meeting and going through
4 all the energy of doing that, we might decide to just package
5 a set of questions we could shoot out to you and then you can
6 respond back and help us move the process forward. So we'll
7 do whatever is necessary, but we have a lot of tools in our
8 toolbox.

9 Section 5 is Stakeholder Engagement Program. So the
10 program that we're going to be going through with you is
11 pretty well defined.

12 Go to the next slide.

13 We're going to be having quarterly meetings through
14 the middle of next year. The agendas and supporting
15 materials, we're going to try to send those out at least one
16 week prior to the meetings and in the case of special
17 optional meetings, like today's meeting, 72 hours in advance
18 so that you have an opportunity to look through those
19 materials and be ready and be prepared for the meetings
20 themselves. The meetings will involve presentations by
21 subject matter experts as well as roundtable discussions and
22 interactive exercises. Again, all these things are designed
23 to both educate and inform you, like we talked about before,
24 and then garner your input back. The meetings are
25 tentatively planned to alternate between in-person and

1 virtual, but all of our in-person meetings will have the
2 webcast option. So if for some reason you cannot attend
3 in-person, you will have the ability to still participate.

4 The topics for discussion are wide and varied, and
5 we've gone over this again at our March meeting, but we
6 wanted to present it here again today. We're going to cover
7 all this ground. We're not going to cover all this ground in
8 every single meeting because that would be crazy and it would
9 really be impossible and it wouldn't be good for anyone
10 because it's too much information to digest across too many
11 different disciplines. But we are going to cover all this
12 ground, and we're going to do it throughout the series of
13 meetings that we're going to have in the next year and a
14 half. We asked for your input at our March meeting.

15 Supplier diversity was one of the things that you brought up.
16 This is an example where we are listening to what you have to
17 say, we want to encourage you to continue to think through.
18 If there is something on this list that's missing in your
19 opinion, we would want to know what that is and we'll
20 consider that for future meetings. So some of these things
21 we'll cover in packages, some of them one-on-one, but we are
22 going to cover all this ground, and it will be a very robust
23 conversation.

24 The stakeholder input, what are we going to do with
25 it, how are we going to collect it? Well, all of the

1 meetings will be transcribed by a court reporter to document
2 all the input. The surveys and interactive exercises,
3 they're qualitative exercises, it's not scientific surveys.
4 We're not doing anything like that to say, oh, this is what
5 everyone thinks. But it helps to facilitate the meetings and
6 that's why we do it. It helps to get input going and
7 discussion topics going about certain things that people care
8 about. You're also able to submit letters or emails or phone
9 calls to Emily as we already discussed, that is the contact
10 information for her.

11 So if you don't have that, take your phone out and
12 take a quick snap of that, but it should be readily available
13 to you in all of our materials of communication on how to
14 reach out to us. Both the PAG and the CBOSG input and all
15 other meeting documentation will be incorporated into the
16 quarterly progress reports that are going to be submitted by
17 SoCal Gas to the CPUC and submitted to the technical
18 consultants for consideration. So again, we're not just
19 listening, we're taking that input and giving it to the right
20 people that can apply it in their work. And then all
21 stakeholder input will be documented and maintained and
22 cataloged and categorized.

23 Finally our last section is documentation, which we
24 were just briefly talking about. We'll segue into this
25 section which really just reiterates a lot of what we have

1 already talked about, but go ahead and go to the next slide.

2 It's focused on really taking all the input and
3 making sure it's documented. All of our meeting logs and our
4 calendar of events as they unfold will be put into a
5 calendar-based system that we can track. The stakeholder
6 comment log, as I mentioned, will be kept throughout process
7 and be turned in as a deliverable at the end of the process.
8 Our meeting summary reports coming out of all of our meetings
9 will have information related to the topics that we
10 discussed, photos and screenshots of our meetings just to
11 have representation of what those look like, the attendance
12 sheets, project collateral tools that were used in the
13 meetings, input and question that you brought up, the
14 transcript of the court reporter transcribing the meeting,
15 and then Zoom recordings. So as we mentioned earlier, our
16 meetings are being recorded on Zoom, and we have access to
17 those. And then all input given to SoCal Gas and its
18 technical consultants for consideration in their work, that's
19 part of the documentation process.

20 So now, we're going to talk briefly about other
21 engagement options. So hopefully you guys received this
22 thematic eblast that was sent out a week or two ago, and I'm
23 going to give Emily a lot of credit for this. She really did
24 a great job of taking one-on-one inputs that we were getting
25 from many members of both the PAG and the CBSOG coming out of

1 the March meetings, and rather than just responding back
2 individually one-on-one which would benefit that member
3 individually but not really help the benefit of the whole
4 group, it was determined that we should think about creating
5 a thematic response document, almost like a bulletin that
6 maybe could come out mid-cycle between our meetings, so as
7 we're collecting a lot of inputs and questions and comments
8 from various members, we can benefit the whole group by
9 sending something out that's a thematic response that
10 addresses all those things.

11 I think this document does that very effectively,
12 and I think you should anticipate that you'll be seeing more
13 of these coming out between our meetings as needed and as we
14 have the content to do that. We also have the option of
15 having virtual meetings like we're doing today, a special
16 meeting. This wasn't a scheduled meeting, it was a part of
17 our quarterly meeting cycle, but again, it came up that we
18 should have a meeting about the SEP, and so that's why we're
19 having today's meeting.

20 So those are always options going forward as well.
21 We mentioned the website and collateral materials, those are
22 going to be updated. And so we also want to know any other
23 ideas that you have. Do you have any other ideas of how we
24 can engage with you between meetings and keep the discussion
25 going. We're looking at some digital options, maybe some

1 group discussion Chatroom-type things. We're not sure how
2 that would work. We also are looking at how we're going to
3 be able to provide some of these technical reports to you in
4 data sets so that you can have access to those and be able to
5 review those. So we're exploring a lot of that.

6 And so again, we welcome as part of today's meeting
7 or if you have ideas after today about how we can do a better
8 job of that, we would encourage you to keep thinking of that
9 and type things in the Chatroom right now if you have any,
10 and then at the end of today's meeting as we have our
11 discussion, you can bring up so some of those ideas as well.

12 And with that I'll turn it over to Emily.

13 MS. GRANT: Thank you, Chester. We can go to the
14 next slide, please.

15 So I wanted to take a minute to touch on the
16 quarterly report. As you'll see last week's SoCal Gas
17 submitted its first Angeles Link quarterly report to the CPUC
18 and we posted it on our website as well, and you have a QR
19 code here if you'd like to see it in realtime, that QR code
20 is active, so it will take you straight to the quarterly
21 report. So this report included all feedback we received in
22 Q-1 as well as our response document that I sent a couple
23 weeks ago and that Chester spoke of briefly as well. As we
24 move forward and we're approaching our June meeting, you can
25 expect to see a proposal at our June meeting. And it's just

1 a proposal, it's by no means done, it'll be ready for your
2 input, and we'd like to systemize how and when stakeholders
3 can submit comments to be included in the quarterly report.

4 We think the clear communication on that is going to
5 be really vital, so we'd love to work together with you to
6 make sure we have a system that works really well and it's
7 collaborative and does right by everyone. So we're very very
8 committed to that. So we're developing this proposal now.

9 If you have any ideas for me, I'm all ears. Please feel free
10 to reach out now as we're working through the best way to do
11 that, and I'd be happy to take that feedback and present
12 something to you in June.

13 Thanks Chester.

14 MR. BRITT: All right. Thank you, Emily.

15 All right. So that's our presentation. Again, if
16 you have the Stakeholder Engagement Plan and you read through
17 it, well, hopefully you had a chance to do that. Our
18 presentation today should have been very familiar to you.
19 There shouldn't be any surprises in our presentation today,
20 but this is the opportunity now for us to hear from you. So,
21 again, we welcome any thoughts that you have about the SEP
22 document, if there's anything that you think we should
23 consider that's not in there or anything that we need to
24 modify that is in there, now would be your opportunity to
25 bring those things up. I also want to just while you're

1 thinking about it and raising your hand or typing things in
2 the Chatbox, I also just want to mention, I want to give, I
3 think Emily did that already, but Alma a lot of credit for
4 reaching out to the CBOSG individually. I know that we're
5 two consulting firms working together on this process.

6 I'm really focusing on facilitating the PAG group
7 and also supporting the CBOSG through this SEP document which
8 was a holistic document for the whole process that we're
9 going through. But I know that Alma's reached out to each of
10 you individually and had conversations with you as well as
11 about the compensation. So if there are any follow-up
12 questions about the compensation process as part of this
13 meeting, that will be welcomed as well. So, again, we'll
14 look for your comments in the Chat, but if anyone has any
15 desire to speak, please raise your hand and then we can call
16 on those that are wanting to offer it. I see someone typed
17 in the Chat:

18 Can you share the website address?

19 So we'll put that into the Chat. It is in the
20 Powerpoint. It is also, I think, the website address should
21 be in the invite for this meeting as well, but we'll share it
22 in the Chat as well. So that was someone that typed
23 something in. It said:

24 Not sure if it was just me, but the QR code did not
25 work.

1 MS. GRANT: Hey, Chester, I found the link. We put
2 the link to the quarterly report and the appendices in the
3 Chat. So it's in there ready to go.

4 MR. BRITT: Okay. Got it.

5 MS. GRANT: I think we do have a couple of hands
6 raised.

7 MR. BRITT: All right. Great. Let's see. All
8 right. I have, the first person I see whose hand is raised,
9 is, it looks like Ayn.

10 MS. CRACIUN: Yes, that's me. It's Ayn Craciun with
11 Climate Action Campaign. Hello. Thank you for the --

12 MR. BRITT: Nice to meet you.

13 MS. CRACIUN: Nice to meet you, too. Thanks for the
14 presentation. I had a question about the Planning Advisory
15 Group slide. I don't know what number slide it is, but maybe
16 it was like halfway through the deck. I noticed that there
17 are a number, and I don't know if it's possible for you to
18 bring that one back up, but it's the one that sort of shows a
19 wheel and smoke --

20 MR. BRITT: Yes, the wheel diagram.

21 MS. CRACIUN: -- you know, with all the
22 representation of the different groups. So I notice a lot of
23 industry organizations and interest on there, and I also
24 notice just graphically how the different groups are
25 depicted, you know there are different colors, there's

1 different sizes to the different types of groups. I wonder
2 if there's any significance to how those are demonstrated if,
3 and maybe you could, I assume that the folks in this group,
4 and I apologize if this was already explained, are part of
5 the CBO, ESJ, DAC group, and if you could explain that,
6 explain the environmental groups and who's involved there and
7 any decision-making processes for these different groups and
8 how their input is going to be weighted as you go through
9 this process.

10 MR. BRITT: Okay. So can we go back to that wheel
11 diagram discussion slide, or the PAG? I'm not in control of
12 the presentation. There we go. So the, first of all the
13 graphic is just the graphic. So you shouldn't read into
14 anything, the size of the bubbles or the colors or anything
15 like that. It's just literally a graphic that's branded to
16 look like the rest of the Powerpoint slide deck. The take
17 away is the diversity of the groups. And if you go around
18 the wheel and you look at every single one, it is very
19 diverse, it covers a lot of different grounds, and you can
20 see here that the CVO, ESJ, and DAC groups are also
21 represented here on the Planning Advisory Group. There are,
22 I don't know the exact numbers, and I obviously haven't
23 memorized every single member because there's over 40 that
24 are on here, but we have the list.

25 We can get you a copy of that, if you would like it

1 and make sure that that's available to you, but the whole
2 notion here is that there would be opportunity for all groups
3 to be represented and to provide input into the process.
4 What was your other question at the end about, oh, the
5 weighted. So there isn't any weighting to the members in
6 terms of like their input versus someone else's input. All
7 of the inputs are the same and equal. So there's no
8 weighting in terms of representation. It's a representative
9 group. We mentioned before they're not voting boards,
10 they're advisory groups. So again, in the final decision it
11 was clear that their role was to provide technical advice as
12 well as to collaborate in the process that we're going
13 through, and as such, that's the purpose of the group, and
14 that's how we're going to be using them as a group.

15 I think I answered all of the question.

16 MS. CRACIUN: So just to clarify my understanding,
17 so it sounds like, for example, like the heavy duty trucking
18 group is equally weighted then to the community based
19 organization DAC, ESJ group; is that right?

20 MR. BRITT: Yes, but when you say "equally
21 weighted," again, I don't know exactly what you mean by that
22 question other than numbers or like their input, is it the
23 same? And in terms of their input being the same, yes. I
24 don't know if the exact, if like every single one of these
25 groups has exactly three people in it, I don't know. That, I

1 would have to look, but I'd say it's pretty close. I know
2 there was a lot of discussion about making sure that it was
3 very balanced and not weighted towards one side or the other.

4 We can look through the list, and again, the list is
5 not final. One of the big takeaways here is that as we go
6 through the process if we feel like one is underrepresented
7 or overrepresented, or we need to add additional groups to
8 balance things out, or to add diverse opinions that are not
9 represented as part of this wheel diagram, we're open to
10 hearing those recommendations from you. So we can get you a
11 copy of the planning advisory list, and you can provide any
12 input that you would like.

13 MS. CRACIUN: Okay. Thank you. I want to let
14 others speak, but I just wanted to raise a flag that, as we,
15 you know, we know that certain communities have always paid
16 the price for these moneyed interests and have been
17 sacrificed really in the name of profits for the fossil fuel
18 industry. So we just wanted to flag that concern and make
19 sure those communities' voices are given greater weight as we
20 consider these decisions.

21 MR. BRITT: Yeah, and I would just add one thing
22 before I turn it over to maybe to Emily or Alma to also chime
23 in, the whole purpose of having a CBOSG is to do exactly what
24 you just said. We're literally having a separate group
25 that's going to basically mirror and parallel what we're

1 doing with the PAG, and one of the basic reasons for doing
2 that is to make sure that the local community issues are
3 addressed, that they're heard from, that we know what's going
4 on in those local communities, and that we have the ability
5 to have a specific meeting just about those things, and then
6 maybe some of that input could then be folded into the PAG
7 meetings a little bit more; right? So it's like, in a way
8 it's overrepresented in the sense that it has its own
9 separate group. None of these other groups have that; right?
10 So the PAG is a representative group that has some CBO, ESJ,
11 and DAC members in it to represent what we hear from those
12 communities. But this group today that we're meeting with
13 right now is the CBOSG and they were designed to do
14 specifically to do exactly what you just said. So Emily, or
15 Alma if you guys have anything else to add?

16 MS. MARQUEZ: Yeah, sure, I'd like to add. So thank
17 you for that question, and welcome to our CBO Stakeholder
18 Group optional meeting. As a former executive director to a
19 couple of social justice organizations, and I've spent half
20 of my life working in the CBO sector, I truly understand the
21 importance of having the frontline like community members be
22 part of this process. And that was extremely important to me
23 as a former executive director and having spent over 15 years
24 of my life working in disadvantage communities. So I don't
25 know how much to express myself of how important this process

1 is to me to make sure that we are hearing from all the
2 stakeholders that have been identified including faith based
3 groups, educational organizations, social justice
4 organizations, strictly environmental justice groups.

5 Another few stakeholder groups that are heavily engaged in
6 the LA basin area where this project is focused in. So that
7 was extremely important to us as we began our outreach
8 efforts, and as we mentioned earlier, that's why we have an
9 open ongoing process of accepting applications because we
10 don't want to limit organizations that don't have the
11 resources like others to have folks to attend immediately
12 because I know how extremely difficult it is for nonprofit,
13 and your priorities are raising money and keeping your staff
14 working on the different issue areas that you're working on.
15 So I just want to make sure that you see that we really are
16 truly trying to engage all of the stakeholder groups that we
17 feel should be part of this process, and we're open. And if
18 you know of any other organization that you think should be
19 at the table, we welcome that name and organization from you
20 because we truly want this to be a transparent process.

21 MR. BRITT: She said it better than me.

22 MS. GRANT: I just want to echo both Chester and
23 Alma's comments, really well said, and thank you very much.
24 The only other thing that I would add is that we did put the
25 quarterly report links into the Chat. I think that would be

1 great first start to understanding who is participating.
2 We're still very very early on in this process, and so you'll
3 be able to see who attended the first set of meetings we had.
4 And like Alma and Chester both said, that's going to be an
5 ongoing, on growing list. So if you think that we're missing
6 somebody, we are absolutely open to hearing who else we
7 should be engaging. It's going to be an ever-evolving
8 process, but I think a great starting place is to see who's
9 already active, who's engaged, and then we can kind of take a
10 look at that and see where we're missing someone, and we're
11 happy to have that conversation.

12 MR. BRITT: All right. The next person, thank you
13 for your comment by the way. The next question I saw, Faith,
14 that you had your hand raised, Faith Myhra.

15 MS. MYHRA: Hi, yeah, Faith Myhra, she/her, and I'm
16 with Protect Playa Now. Thank you for hearing our questions.
17 I wanted to ask about this thematic quarterly eblast. I
18 guess I have a couple of questions about it. One, is this
19 going to be documented and also sent forward to the CPUC?
20 Is, does this include everyone's comments or are they hand
21 selected comments, and also what kind of guarantees do we
22 have that all of our thoughts and comments will be passed on
23 to the CPUC through this process?

24 MR. BRITT: Okay. So the thematic response is kind
25 of a brainchild of Emily that really came out of having these

1 one-on-one inputs that were coming after our March meeting,
2 and it was really an idea that, again, as I mentioned in the
3 presentation, we don't want to just have the one-on-ones,
4 which are great, we don't have a problem doing that, but we
5 lose the benefit of everyone kind of seeing and understanding
6 those questions and/or getting the benefit of hearing what
7 the answers are to those things. So the thought process was,
8 is that as we collect input from members between meetings,
9 there's going to be a lot of overlap in those. It's very
10 common for us to get two or three people asking the same
11 question. So again, rather than having us individually
12 respond one-on-one to all of these things, the idea is to
13 create a thematic document that captures all of it. Now, you
14 know, I would say that Emily and us as a group, we're going
15 to be sensitive to not exposing people to things that they
16 don't want to be exposed to. That's not the point of the
17 document. So we're going to try to put everything in the
18 thematic document that makes sense for the benefit of the
19 group. And we're going to do that, and we're going to
20 categorize things. If there's like, like-minded comments,
21 we'll package those into sections. So it will be like a
22 bulletin, like an informational bulletin that comes out of
23 what it is that you're telling us you're interested in
24 talking about, and hearing about, or things that you want to
25 know about, or questions that you have, or comments that

1 you're making. And so that's the theme of it. That is going
2 to definitely be part of our quarterly report process. It
3 will definitely be part of our summation as we document the
4 whole program. It will go into all of the folds up into the
5 quarterly reports for sure. The second part of your question
6 was, what? What did you ask about, the second part was?

7 MS. MYHRA: Just, I want to know as far as when
8 things get submitted, what are our guarantees that all the
9 comments and thoughts from these organizations are being
10 brought forward to the CPUC?

11 MR. BRITT: Well, I would say that in terms of the
12 meetings, that's pretty straightforward. We have a court
13 reporter for that exact purpose, to transcribe our meetings
14 from beginning to end. So they not just transcribe what you
15 have to say, but they transcribe the presentation, what we've
16 said in front of you, and it captures all of that. So that's
17 one mechanism. The second one is all the Zoom calls are
18 going to be recorded, which means that our in-person meetings
19 are going to be recorded as well because we are going to have
20 a webcast version of our in-person meetings. So all of those
21 will be recorded as well. We also are keeping a comment log
22 of all of the emails that we get. So we'll have that as
23 something we can turn in as well. So we're doing our best to
24 make this as very, like, documented transparent as we can.
25 Other than that, I don't know how we can guarantee it other

1 than that you have the same information that we have. Like,
2 if you've sent us an email, your expectation is that we have
3 your email and that we've documented it. If you don't see
4 that, I would encourage you to let us know that you don't see
5 that it's being documented, but it should be. Both
6 consulting firms have comment logs that are being tracked,
7 tracking all comments throughout the process.

8 MS. GRANT: And Chester, I just want to add to say
9 if you'll see, if you click on the appendices portion of the
10 quarterly report, you'll see that in this first one,
11 everything they're asking for has been turned in and
12 documented. So that's one of the things I was touching on in
13 the presentation with the quarterly report. At the June
14 meeting we want to have a really systematic approach to how
15 and when comments can be received for inclusion in that
16 report. So we'll have a timeline is my hope. To me that
17 makes the most sense on how to do it. Then we'll say two
18 weeks before we're planning on submitting the report we'll
19 receive comments up until this date. You'll be made well
20 aware of that. So that's what we're planning to roll out in
21 June for your input. So everybody's on the same page, and
22 again we want to make that a really collaborative process for
23 how we best do that. But I would encourage you to check out
24 those appendices because you'll see that we have all the
25 correspondence to the letters that were submitted to us for

1 comments, those are in that quarterly report. So you'll get
2 a good idea of how we did that. The thematic document, like
3 Chester said, I had several questions that were the same that
4 came in so I kind of grouped those together and then tried to
5 address those as best as I could. We also thought that was a
6 great way to share it with the entirety of the group. If you
7 have any recommendations on how we can do that better, I'm
8 happy to take them. But, again, I would encourage you to
9 look at the quarterly report in the appendices because that's
10 going to give you a good idea of our approach moving forward.
11 And it has all that information you're asking for in there.
12 So that will be your guarantee that we're turning it into the
13 CPUC. I hope you can see that we did that. I hope that's
14 helpful to you.

15 MR. BRITT: Thank you, Faith. Lydia, you have your
16 hand raised. If you can turn your microphone on, we should
17 be able to hear you.

18 MS. PONCE: Good morning. Lydia Ponce with Society
19 Native Nations calling from the unseated territories of the
20 Tongva People known as Sagna infamously known as Venice
21 Beach. Wanted to know which of the local tribes you are in
22 contact with, in good relations with, and good communications
23 with because a lot of our elders do not respond to emails.
24 It's more relationship building and it's definitely
25 developing trust, which is a big word in these arenas and in

1 these circles. So in order to establish that, I'd like to
2 know what's basically for transparency? What has been your
3 communication with the local tribal people, especially the
4 most likely descendants to oversee and advise consultation
5 and consent, two different things for environmental justice
6 purposes? Thank you.

7 MR. BRITT: Thank you. I'm going to turn that
8 question over to Alma. I know, as I mentioned, she's been
9 doing a terrific job of reaching out to the CBOSG, and I'll
10 let her answer that question.

11 MS. MARQUEZ: Hi, yes. Good morning, Lydia, and
12 thank you for joining us this morning. We have reached out
13 to different tribal organizations throughout L.A. Mostly in
14 the metropolitan area the Indian commission we reached out to
15 as well, and we have received some applications from them. I
16 believe one of them was in the Oaxacan community as well,
17 which is more of a Mexican tribe. So I would like to
18 continue this conversation with you offline, Lydia, if
19 there's particular organizations that you'd like, travel
20 nations that you'd like for us to reach out to, I'd be more
21 than happy to do so.

22 MS. PONCE: I'd be happy to be the liaison, however
23 consulting with me does not check off the box that you're
24 consulting with indigenous tribal people because I am not of
25 this land. My land is in Sinaloa and in Peru, so being a

1 guest on their land, I do my best to be a good relative. And
2 I'll help you build a bridge to those communications,
3 however, it's up to you to establish that responsible
4 transparent accountable relationship. So it would be, you
5 have Tongva, Tataviam, Acjachemen, you have the Oaxacan, of
6 course we always honor, society always honors the eagle and
7 the condor relationships with the indigenous people in the
8 four directions. So I'll drop my email in the Chat. I'm
9 sure you have it already, but just for references. Thank
10 you.

11 MS. MARQUEZ: And just for your knowledge, Lydia, we
12 do have Sinaloa, part of our, one of our CBO members. So I
13 know the CBO director there is very engaged with other
14 nations. So thank you for that comment.

15 MS. GRANT: Yes, thank you, Lydia. I would just add
16 too that we're really early in the process, so we haven't
17 started communicating yet directly with constituencies at
18 this level. So that's a huge purpose and point of this group
19 is helping us find the best ways to do that. And so you
20 sound like a wealth of knowledge in this area, one we would
21 definitely want to tap into. So thank you for your offer to
22 help. And we're going to be certain to connect with you
23 offline to make sure that we're doing all the right things.
24 Thank you very much.

25 MR. BRITT: All right. Thank you for your comment.

1 The next one is Robert. Robert, I think you have your hand
2 raised. If you can turn your microphone on?

3 MR. VANDEHOEK: Yes, and I just unmuted myself.
4 Hello. Thank you very much. Looking forward to this year,
5 doing these meetings. I'm a scientist as well as community
6 member citizen, so I would be glad to --

7 MR. BRITT: You just froze.

8 MR. VANDEHOEK: -- be of interest to you to be in
9 both --

10 MR. BRITT: Your microphone is cutting in and out,
11 Robert. I heard you say you were a scientist. It sounded
12 like you were offering your ability to participate. Is that
13 what you were saying?

14 MR. VANDEHOEK: Not quite that. Can you hear me
15 better? I moved closer to the microphone.

16 MR. BRITT: That's a little bit better. Try it
17 again?

18 MR. VANDEHOEK: Does that help?

19 MR. BRITT: Yeah.

20 Okay. well, basically are there any people who are
21 in both PAG and the CBOSG group and that's one question. And
22 the other is an idea for you creatively, maybe a virtual
23 walking tour at the SoCal Gas facilities in the greater Los
24 Angeles region that might be led by environmental scientists
25 and tell us what things are already starting with green

1 energy, with green hydrogen on the facilities of up ground
2 facilities.

3 MR. BRITT: So, Emily, can you answer that?

4 MS. GRANT: Yeah. Sure. I can start with that
5 second question.

6 So Robert, that's a great idea, so as it make sense,
7 we'll certainly look into it. Angeles Link is a
8 transportation system, so we're not proposing to produce any
9 hydrogen. This is purely just for the movement of it and
10 transportation of it. But we'll definitely keep that in
11 mind. Chester and Alma know I love the idea of a good tour
12 and a good opportunity for all of us to have some education
13 together. So that top of mind as that makes sense for the
14 topics we're discussing, we will certainly consider that.
15 Thank you.

16 MR. BRITT: And then your other question about is
17 there representation on the PAG from the CBOSG, there is.
18 And I can have Stevie, one of our staff, put that in the Chat
19 who those members are, but there are for sure. This is a
20 time check. It is one minute after 11:00. We were scheduled
21 for an hour. We do have one more Next Steps Slide that we
22 would like to cover. I don't see anyone else with their hand
23 raised, so we're going to go ahead and move forward into this
24 final slide.

25 Today's meeting will be submitted to SoCal Gas and

1 to the PAG and the CBOSG members for review. We will
2 incorporate this meeting Quarter-2. The next meeting will
3 take place in-person, and there will be a webcast, as
4 mentioned, for convenience. You can see the dates there.
5 The CBOSG June meeting is scheduled for June 22nd and the PAG
6 meeting is scheduled for June 28th. We are confirming the
7 locations of these two meetings to make sure that they have
8 the appropriate webcast technology to support that.

9 You should be getting notices of those as a save the
10 date soon so you that you can have an idea of where those
11 meetings will be located. They will include continental
12 breakfast and a boxed lunch as well. So they should be great
13 meetings to attend in person, as I mentioned. But if you
14 can't, you will have the option to participate via webcast.
15 And then finally, I'll turn the last bullet over to Alma and
16 let her make a final pitch related to applications.

17 MS. MARQUEZ: Yes. Thank you for that, Chester. I
18 do believe we have a question from him.

19 MR. BRITT: Okay.

20 MS. MARQUEZ: How long is the meeting, and where is
21 the location?

22 We will be confirming that information by next week.
23 We're confident that we'll be able to get that information
24 out to you, and we'll be following up with you via email as
25 well as phone call. So we'll make sure we get that

1 information out to you as soon as possible. So thank you for
2 that. And as I mentioned earlier we do have 22 applications
3 so far that we've received confirmations, as I also stated
4 we're looking at about a group of 35 organizations and CBOs.
5 So we do have some space available, and we are taking them on
6 an ongoing basis.

7 So if you could please send those out to me
8 directly, I'll drop my email in the Chat and I'll be happy to
9 continue to have that conversation with you. Or if you know
10 of someone who is not here in today's meeting, feel free to
11 send them my information as well.

12 Thank you all again for joining us this morning.

13 MR. BRITT: All right. Thank you, Alma.

14 So I think that concludes our presentation. Again,
15 I want to just extend my appreciation for the consultant team
16 as well as SoCal Gas and the CPUC for your participation this
17 morning, taking time out of your busy schedules. We really
18 value your input as hopefully you can tell by our
19 presentation today. We want to hear from you. This is the
20 beginning of a process with you and the PAG, and we look
21 forward to it. So again, feel free to reach out to us after
22 these meetings, and continue your communication with us.

23 So, thank you very much, and that concludes our
24 meeting for today.

25 (Whereupon, the meeting ended.)

CERTIFICATE

OF

CERTIFIED SHORTHAND REPORTER

* * * * *

The undersigned Certified Shorthand Reporter of the
State of California does hereby certify:

That the foregoing Proceeding was taken before me
at the time and place therein set forth.

That the testimony and all objections made at the
time of the Proceeding were recorded stenographically by me
and were thereafter transcribed, said transcript, being true
and correct copy of the proceedings thereof.

In witness whereof, I have subscribed my name, this
date: May 18, 2023.

Elaina R. Ruiz

Elaina Ruiz

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In the Matter Of:

OPTIONAL PLANNING ADVISORY GROUP (PAG) MEETING

TRANSCRIPT OF PROCEEDINGS

June 28, 2023

Case No:

CERTIFIED COPY

OPTIONAL PLANNING ADVISORY GROUP (PAG) MEETING
Wednesday, June 28, 2023

CERTIFIED COPY

Reported by:

Stephanie Leslie
CSR No. 12893

1 The Optional Planning Advisory Group (PAG)
2 Meeting taken before Stephanie Leslie, Certified
3 Shorthand Reporter 12893, for the State of California,
4 commencing at 9:00 a.m., Wednesday, June 28, 2023, at
5 Alta Sea at the Port of Los Angeles, 2451 Signal
6 Street, Berth 59, Los Angeles, California.

7
8
9 **APPEARANCES:**

10
11 Chester Britt
12 Alma Marquez
13 Emily Grant
14 Rodney Cobos
15 Robin Downs
16 Ernest Shaw
17 Sal DiCostanzo
18 Tim Demoss
19 Russell Lowery
20 Charles Wilson
21 Mike Galvin
22 Norman Pedersen
23 Brian Goldstein
24 Nathaniel Skinner
25 Theo Caretto

1 APPEARANCES (CONTINUED) :

2
3 Lorraine Paskett

4 Jack Brouwer

5 Aaron Katzenstein

6 Marybel Batjer

7 Karla Sanchez

8 Robin Downs

9 Andy Carrasco

10 Alisa Lykens

11 Nicholas Connell

12 Nikki Buffa

13 Tyson Siegele

14 Hope Fasching

15 Sara Gersen

16 Rizaldo Aldas

17 Nick Zanjani

18 Rina Padula

19 Michael Boccadoro

20 Seth Hilton

21 Jan Smutny-Jones

22 Rick Garcia

23 H. Moreno

24 Trey Grogan

25 Sohrab Mikanik

1 APPEARANCES (CONTINUED):

2
3 Ricardo Cucalon

4 Erik Holguin

5 Christopher Arroyo

6 Arun Raju

7 Chris Myers

8 Katrina Fritz

9 Maddie Munson

10 Robert Spiegel

11 Eric Hofmann

12 Marna Paintsil Anning

13 Chris Gilbride

14 Alan Rodriguez

1 Wednesday, June 28, 2023, 9:00 a.m.

2 Los Angeles, California

3
4 MR. BRITT: All right. Good morning. I want
5 to thank everybody for taking time out this morning to
6 be with us in person, and there are also people joining
7 us online.

8 Today's meeting is the Planning Advisory
9 Group. This is our second quarterly meeting, so thank
10 you again for being here.

11 We're going to go ahead and get started with
12 some housekeeping items.

13 If you can first go to the first slide, Trey.

14 Let me just start off by introducing myself.
15 My name is Chester Britt and I am the executive vice
16 president of Arellano Associates. I will be serving as
17 the facilitator for the Planning Advisory Group today.

18 And I also want to introduce my counterpart,
19 Alma Marquez, who is with Lee Andrews Group, and she is
20 overseeing the community-based organization stakeholder
21 group, and she'll say a little bit about our meeting
22 that we had last week.

23 MS. MARQUEZ: Good morning, everyone, and
24 welcome to this morning's meeting. My name is
25 Alma Marquez, and I am the CBO facilitator, also with

1 Lee Andrews Group and VP of government relations there.
2 And thank you all for being here this morning.

3 We had the same exact convening last week here
4 at AltaSea where we had 21 CBOs attend throughout the
5 L.A. basin for this project, and we had a very rich
6 dialogue with them where we heard their feedback, which
7 was mostly a recurring theme of workforce development
8 that they would like to know more about should the
9 project continue in this phase.

10 And that was a very important theme that came
11 out from last week's meeting as one of the community
12 benefits, and also to learn a little bit more about the
13 technical aspects of this project.

14 And SoCalGas was willing to partner with some
15 of the CBOs to be able to give that resource to them.

16 And so we are also very much looking forward
17 to next convening and continuing engagement with them
18 as well as with you all this morning, and I look
19 forward to speaking to you more throughout this
20 meeting.

21 MR. BRITT: Thank you, Alma.

22 So we're going to go ahead and just go through
23 a couple housekeeping meters. This is a hybrid
24 meeting, so we do have people in person, obviously, and
25 people online, so we want to make sure that the people

1 online can hear and see what's going on.

2 So as you speak into the microphone -- we have
3 a number of wireless microphones being passed around.
4 We would ask that you speak directly into the
5 microphone and state your name.

6 We do have a court reporter. Stephanie, if
7 you could please raise your hand. If she cannot hear
8 or needs to intervene and slow down the meeting, we'll
9 make the ability to do that, but we would ask that you
10 would speak directly into the microphone.

11 This meeting is being recorded, both video and
12 audio, and we'll be transcribing the meeting. As I
13 mentioned, the court reporter's here.

14 The Zoom microphones, if you're online, are
15 muted, and you will also need to unmute yourself when
16 we unmute you when it's your turn to talk, so you can
17 do that.

18 And we would also encourage you to turn your
19 camera on so we can have the benefit of better engaging
20 with you.

21 Please feel free to use the Zoom chat to
22 provide input and ask questions throughout the meeting.
23 Obviously we're going to take as much verbal input as
24 we can, but it's a large group, and we have a limited
25 amount of time, so we want to make sure that we're also

1 documenting anyone who has chats. So if you chat
2 something into the meeting, we will be documenting that
3 just like we are the verbal information that we're
4 receiving.

5 If you would like to speak, we would ask that
6 you would raise your hand on the Zoom feature. We'll
7 be able to see that, and then we'll be able to call on
8 you, and you'll be able to be heard here in person.
9 And we'll also be able to see you here on the screen
10 over here on our left.

11 Wireless microphones will be passed to the
12 speakers in person, so if you do want to speak in
13 person, we would ask that you just raise your hand, and
14 then we'll pass you the wireless microphone, and we
15 should be able to hear you.

16 So with that, I'm going to just go over the
17 agenda for today. We started with our continental
18 breakfast. We're doing our welcome right now. We'll
19 have our safety message from Emily Grant in a moment.
20 We'll do some self-introductions, go around the room,
21 to make sure everyone is familiar with each other.

22 Then we'll also have a message from
23 Terry Tamminen with AltaSea, and then we'll have a
24 thank you message from president Maryam Brown, and then
25 we'll also get into our detailed discussion today about

1 three main areas.

2 First is going to be the schedule and approach
3 to the Phase 1 studies. Then we'll have a discussion
4 with the member group. And then we'll also do a
5 purpose and need discussion. And then we'll have
6 another member group discussion about that. And
7 finally we'll go over the project alternatives, and
8 then we'll have a schedule about that. And with that,
9 we'll convene our meeting.

10 So with that, I'm going to introduce
11 Emily Grant. She's a senior public affairs manager
12 with SoCalGas for our safety message.

13 MS. GRANT: Thank you, Chester, for that
14 introduction.

15 Hi, everyone. I'm Emily Grant, senior public
16 affairs manager for Angeles Link, and I'm pleased to
17 offer our safety message for this meeting.

18 As I've mentioned before, at SoCalGas, we
19 start our meetings off with a safety moment. Today
20 ours is planned, which is sometimes how we do it.
21 Other times we have a safety message on the agenda, and
22 we leave it open.

23 And I really like those the best sometimes
24 because it offers us an opportunity to share something
25 about our families or our communities or just really

1 what's important to us as people.

2 So maybe that's my long-winded way of saying
3 someone here might be next for a safety message for our
4 future meetings.

5 But for today, I have two things for you.
6 First, you're going to learn more in a moment about
7 this fun and fascinating venue, AltaSea. But for those
8 of you joining us here in person, I do want to point
9 out a couple of things.

10 We literally rolled out the green carpet for
11 you, and we were really excited to do so, but it's not
12 exactly even in all places, so just watch your footing.
13 Watch your footing while you're traveling around the
14 facility as well. It's not even throughout. So just
15 be very, very careful and watch your step. We also
16 have cords and other things out in places, so just
17 watch where you walk.

18 And even though this meeting is special for us
19 today, it's a normal working day for everybody at
20 AltaSea, so if we can stay in our space and respect the
21 really important work that they're doing, that would be
22 great, and we'll have an opportunity for tours after.

23 And second point on safety, since we're
24 heading into Fourth of July weekend, I thought I'd
25 offer a couple of quick reminders.

1 So first the National Safety Council
2 recommends leaving fireworks to the experts, but if
3 you're going to partake, make sure fireworks are legal
4 in your area, wear eye protection, and have a fire
5 extinguisher close at hand.

6 Sparklers, which are considered less harmful,
7 burn at a temperature of 2,000 degrees, so consider
8 alternatives like silly string, bubbles, or glow
9 sticks, especially when it comes to kiddos. And
10 lastly, make sure you have a plan for your furry family
11 members as well.

12 And with that, I'll hand it back to Chester.
13 Thank you all again for being here.

14 MR. BRITT: All right. Thank you, Emily.

15 We're going to go ahead and do
16 self-introductions now. So the people with the
17 wireless microphones, if we could start maybe over here
18 on the right, and we'll just make our way around the
19 room. And then after that, we'll switch over to the
20 people online so they can introduce themselves.

21 So if you can just state your name and the
22 name of your organization, that would be great.

23 MR. COBOS: Good morning, your Honor. My name
24 is Rodney Cobos. I'm with the Southern California Pipe
25 Trades, District Council 16, and we're based in

1 Los Angeles, but have local offices throughout Southern
2 California representing about 18,000 members.

3 MR. DOWNS: My name is Robin Downs, and I'm
4 here representing each of the UA local 483.

5 MR. SHAW: What's up, everybody? Good
6 morning. Good to see you. Wake up.

7 Ernie Shaw, president of Local 483, workers of
8 transmissions and storage. I'm also a pipeliner for
9 SoCalGas working out of Valencia base. We represent
10 about -- yeah, about 350 members as well. So more to
11 come.

12 MR. DICOSTANZO: Good morning, everyone.
13 That's a tough act to follow, but I'll try. My name is
14 Sal DiCostanzo, and I'm with the International
15 Longshore Warehouse Union, Local 13.

16 MR. DEMOSS: Thanks, Sal.

17 Good morning, everybody. Tim Demoss, Port of
18 L.A. air quality manager. Thank you.

19 MR. LOWERY: Russell Lowery, Environmental
20 Justice League.

21 MR. WILSON: Good morning. Charlie Wilson,
22 executive director and CEO of the Southern California
23 Water Coalition.

24 MR. GALVIN: Good morning, everybody. Mike
25 Galvin with the Port of Los Angeles in charge of real

1 estate and the energy markets.

2 MR. PEDERSEN: Good morning. Norman Pedersen
3 for the Southern California Generation Coalition.

4 MR. GOLDSTEIN: Hi. I'm Brian Goldstein,
5 executive director of Energy Independence Now,
6 nonprofit that focuses on hydrogen.

7 MR. SKINNER: Good morning. Nat Skinner with
8 the Public Advocates Office.

9 MR. CARETTO: Good morning, everyone.
10 Theo Caretto for Communities for a Better Environment.
11 We organized Wilmington right over there, Southeast
12 L.A. County, as well as in the Bay Area.

13 MS. PASKETT: Good morning. Lorraine Paskett
14 with Air Products, and I head up our advanced clean
15 hydrogen program.

16 MR. BROUWER: My name is Jack Brouwer. I'm a
17 professor at the University of California, Irvine.
18 I've been doing research on hydrogen for, like, 24
19 years.

20 MR. KATZENSTEIN: Good morning. Aaron
21 Katzenstein, South Coast Air Quality Management
22 District.

23 MS. BATJER: Good morning. I'm Marybel
24 Batjer. I'm a partner at California Strategies, and
25 most recently I was the president of the California

1 Public Utilities Commission. Hi, Terry.

2 MR. BRITT: Everybody knows each other. I
3 love it.

4 All right. We have a number of people online
5 as well. I'm going to just read off the people that I
6 have scheduled to be online, and if you are there, if
7 you can just unmute your microphone, and we'll unmute
8 you as well.

9 I'm going to start off with Nick Zanjani with
10 the CPUC.

11 Nick, are you there? All right.

12 MR. ZANJANI: Hey there. Sorry. I wasn't
13 allowed to unmute my microphone for a while, but it's
14 nice to be out with you. Thank you very much.

15 MR. BRITT: Thank you. All right.

16 Tyson Siegele? Tyson, are you there?

17 MR. SIEGELE: Yes. This is Tyson Siegele. I
18 am here representing the California Utility Consumer
19 Action Network, and I'm looking forward to the
20 discussion.

21 MR. BRITT: All right. Thank you, Tyson.

22 Christopher Arroyo? Christopher, are you
23 there?

24 MR. ARROYO: Good morning. I'm Christopher
25 Arroyo, and I'm a hydrogen analyst at CPUC.

1 MR. BRITT: All right. Thank you,
2 Christopher.

3 Marna Paintsil Anning. Marna, are you there?

4 MS. PAINTSIL ANNING: Hi. Good morning. This
5 is Marna Paintsil Anning with the Utility Reform
6 Network. I am here. Unfortunately, I am dialing in
7 from across the world, so my bandwidth is not what it
8 should be, so I will keep my camera off. I am here.
9 I'm looking forward to this discussion.

10 MR. BRITT: Well, that's just a testament to
11 technology because we could hear you perfectly,
12 honestly.

13 All right. The next one is Katrina Fritz.

14 Katrina, are you there?

15 MS. FRITZ: Hi. I'm Katrina Fritz. I'm the
16 executive (audio distortion) of the Hydrogen Business
17 Council.

18 MR. BRITT: Welcome.

19 MS. FRITZ: Thank you.

20 MR. BRITT: Sara Gersen with the Sierra Club?

21 MS. GERSEN: Hi. Good morning. Sara Gersen
22 with the Sierra Club.

23 MR. BRITT: Okay. Rahsad Trapp?

24 Rahsad, are you there?

25 (No response.)

1 MR. BRITT: All right. He might be still
2 getting set up.

3 I'll go to the next one, which is Rizaldo
4 Aldas.

5 Rizaldo, are you there, with the CEC?

6 MR. ALDAS: Yeah. Good morning, everyone.
7 I'm Rizaldo Aldas with the Energy Research and
8 Development Division. I'm happy to be here.

9 MR. BRITT: Welcome, Rizaldo.

10 Arun Raju.

11 Arun, are you there?

12 MR. BROUWER: Arun.

13 MR. BRITT: Arun.

14 Arun Raju?

15 MR. RAJU: Yes. I had some trouble unmuting
16 myself.

17 MR. BRITT: No worries.

18 MR. RAJU: Good morning, your Honor. Arun
19 Raju with UC Riverside.

20 MR. BRITT: Thank you for joining us.

21 Michael Colvin.

22 Michael, are you there? There are so many
23 names, it's like -- making sure we can see everyone.

24 Okay. We'll get back to Michael. If you can
25 join us, just jump in.

1 Seth Hilton.

2 Seth, are you there?

3 MR. HILTON: Yes. Good morning, everyone.

4 Seth Hilton on behalf of Air Products.

5 MR. BRITT: All right. And the last person I
6 have on my RSVP list is Robert Spiegel.

7 Robert?

8 MR. SPIEGEL: Good morning. Rob Spiegel,
9 senior policy rep for the California Manufacturers &
10 Technology Association.

11 MR. BRITT: Okay. Great. If there's anyone
12 else online that I did not call, you can raise your
13 hand, and we can see that you've raised your hand, and
14 then we can unmute your microphone. If not, we'll just
15 go ahead and keep going.

16 We're going to have a break, and if we need to
17 read -- okay. It looks like a couple people did raise
18 their hand.

19 So Nicholas Connell.

20 Nicholas, if you can unmute your microphone,
21 we should be able to hear you.

22 MR. CONNELL: Good morning, everyone.
23 Nicholas Connell for the Green Hydrogen Coalition.

24 MR. BRITT: Welcome.

25 The next person I see is Jan Smutny-Jones --

1 or Jan.

2 MR. SMUTNY-JONES: Yeah. Jan Smutny-Jones.
3 I'm with the Independent Energy Producers Association,
4 the trade association for utility scale renewable and
5 natural gas generators.

6 MR. BRITT: Welcome. Michael Boccadoro.

7 MR. BOCCADORO: Yes. Michael Boccadoro,
8 executive director of the Agricultural Energy Consumers
9 Association.

10 MR. BRITT: Okay. Great.

11 I do not see anyone else's hand raised, so I'm
12 going to assume that we've covered everyone.

13 So we have a big group. I want to welcome
14 everyone again for being here today, and look forward
15 to the conversation that we're going to have.

16 So with that, I'm going to introduce
17 Terry Tamminen. He's the president and chief executive
18 officer with AltaSea, which is this venue that we're
19 standing in today. And it's really exciting to have
20 him.

21 There. You can see the familiarity; right?

22 MR. BROUWER: Just about.

23 MR. BRITT: Just about; right?

24 MR. TAMMEN: Yeah. Thank you very much.
25 It's like being amongst a lot of old friends.

1 Marybel, it's great to see you. And so many
2 friends that have been on this journey with us for so
3 long.

4 As you've heard, I am the president and CEO of
5 AltaSea here with the Port of Los Angeles for now the
6 last year and a half. Time has flown, but my
7 colleague, Jenny Krusoe, right there, one of our
8 founders, has been here since the very beginning, and
9 coming up now on, I'd say, almost a decade of
10 envisioning this concept of AltaSea and now bringing it
11 to fruition.

12 For those of you who don't know, it was a
13 nonprofit that was put together to take over this
14 35-acre campus that we're sitting on here, especially
15 this west side that has 240,000 square feet of these
16 historic warehouses and we're raising the fundraising
17 to renovate them into a modern blue economy, our future
18 is blue, blue economy education workforce development
19 and business development hub.

20 So what do we mean by that? Well, I think the
21 education speaks for itself: K through 12, to educate
22 young people about the importance of the ocean, why
23 two-thirds of the planet is covered by ocean, what it
24 is we're doing that is helpful and harmful to it, what
25 we need to do to change our ways, but how it can

1 sustain us if we sustained it.

2 And then hopefully inspiring some of those
3 young people to go into careers in the blue economy,
4 and so we work with our community colleges on
5 certificate programs and degree programs and so forth
6 in the blue economy.

7 And then, as I mentioned, businesses that will
8 be here working with our researchers, prototyping their
9 innovations.

10 And when I say "blue economy," what does that
11 really mean?

12 Well, for us, it's aqua culture, both on land
13 and at sea. We have really amazing innovators and
14 researchers, University of Southern California Cal
15 Polan [phonetic] is here and others working on how we
16 can sustainably and regeneratively use the ocean and
17 harvest from it food, fuel, pharmaceuticals, industrial
18 products, all kinds of things that can sustain us,
19 again, if we use the ocean wisely, unprotected.

20 Our second area of focus is renewable energy,
21 and that includes things like wave energy and tidal
22 energy, various other kinds of obvious renewable
23 energy, offshore wind.

24 We have a company here called Arcam
25 [phonetic], and everybody knows about the offshore wind

1 and you can see the big turbines in Europe and other
2 places now coming here to California.

3 What we don't see is all the infrastructure
4 that is needed to manage and hold those things in
5 place. And we've got really exciting new companies
6 here that are figuring out how to do pumped hydro
7 storage underwater to serve those turbines and -- and
8 just a lot of other exciting innovation to make those
9 kinds of installations even more efficient and
10 effective.

11 But also in that renewable energy, the second
12 thing that we focus on, is hydrogen. And UCLA is here.
13 You can see their -- their carbon capture barge out
14 here. We have been working with UCI and all of our
15 great colleagues there on different ways of producing
16 hydrogen in a -- in a sustainable way.

17 But one of them is this project, we've got now
18 three companies, another one on the approach path, with
19 researchers figuring out how to pull carbon out of the
20 ocean and in the process, create green or sustainable
21 hydrogen that can then be put into -- right here in our
22 ports, to help clean up air and help reduce greenhouse
23 gas emissions -- can be put into container handlers,
24 ultimately onto ships and other kinds of goods movement
25 so we can decarbonize shipping and ports very rapidly

1 with these kinds of innovations.

2 And then our last area of focus is blue
3 technologies. So underwater robotics and sensors and
4 mapping so we can understand our planet or ocean better
5 and adapt to our very rapidly changing world.

6 Ballard, who found the Titanic -- he keeps his
7 vessel here when it's not out finding another Titanic,
8 or Cleopatra's tomb, by the way, which is another thing
9 coming up soon on Nat Geo. He keeps it here. He's got
10 a workshop here, where, you know, kind of like
11 Geppetto. He's just this amazing guy. And his team --
12 they put together all these new devices to go out and
13 find the next great piece of -- whether it's hardware
14 or marine biology.

15 So it's an amazing place. We invite you all
16 not only today to see the tour, but sign up for our
17 newsletter so you see what's trending and come to our
18 open houses and learn more directly from our companies
19 and our educators and our researchers. It's a very
20 exciting place.

21 And we've just kicked off our renovation
22 campaign, a brand-new roof on the building that's to
23 our south over there, 180,000 square feet. Two
24 megawatts of solar on that roof, so it will be powering
25 the equivalent of 700 homes.

1 And we're starting the interior renovation to
2 turn these kinds of 100-year-old facilities into modern
3 electrical and plumbing and bathrooms and all those
4 kinds of things, but a place where education, workforce
5 training, and blue businesses can flourish. We welcome
6 you all.

7 And it's great to know that you're all working
8 on sustainable hydrogen and ways to use that, again, to
9 decarbonize power production, but we've also got to,
10 again, use it to decarbonize shipping and heavy goods
11 movement. It has a tremendous amount of potential.

12 So we really welcome you all, and if you have
13 any questions, our team is around and despite the
14 admonition, please interrupt us. Please ask what we
15 can do for you and -- and to make your experience here
16 more pleasant.

17 So thanks so much for coming, and please don't
18 be strangers. Come again.

19 MR. BRITT: Thank you, Terry, for that
20 message. That was really encouraging to hear, and we
21 have are very fortunate to be at AltaSea and have this
22 venue for this -- these meetings that we've been
23 having.

24 I'm also very excited to announce that we're
25 going to have Maryam Brown, the president of SoCalGas,

1 be able to come today and give us some welcome remarks
2 and thank-you remarks.

3 So with that, I'll just bring up Maryam for
4 her remarks. Thank you so much.

5 MS. BROWN: Thank you so much, Chester, and
6 thank you all for being here in person and online,
7 dedicating your time to this important endeavor.

8 I want to start by thanking Emily for starting
9 us off with a safety moment. Everything at SoCalGas
10 starts with safety, and Angeles Link is no different,
11 so thank you very much, Emily.

12 I also want to thank Terry Tamminen for
13 bringing his personal time, but also lending this
14 facility here at AltaSea, which is in the heart of the
15 industrial center of the L.A. basin.

16 And I can think of no better backdrop for this
17 conversation than a facility like this, when what we're
18 talking about is how we can best support decarbonizing
19 our part to electrify the sectors.

20 So the work that we do here today in this
21 session and the sessions that follow truly, truly
22 matters. And while I appreciate and it is very
23 important that this room is filled with people with
24 different perspectives, I always like to start with
25 what I see as the commonality in perspectives that we

1 all share.

2 And I am struck by the importance that we all
3 hold on the clean energy transition being essential,
4 that this is something that we must achieve.

5 And I think another commonality that we all
6 have is how we achieve that clean energy transition is
7 just as important as achieving the clean energy
8 transition itself, because energy has to be a lot of
9 things all at the same time if it's going to support
10 the quality of life that energy needs to support.

11 And in my personal view, the freedom, the
12 freedom to pursue hopes and dreams as individuals and
13 businesses that we're going to pursue, because energy
14 needs to be clean, absolutely. It also needs to be
15 reliable. It needs to be resilient. It needs to be
16 affordable, and it needs to be equitable.

17 And you really can't privilege one of those
18 factors over the other. We have to consider all of
19 those, and I appreciate the shared view on all of those
20 factors.

21 And I think the third commonality that
22 everyone in this room has is the importance of us
23 working together and sharing ideas and looking to find
24 the best of ideas to help us as we move forward.

25 Angeles Link has the potential to be a

1 cornerstone of the Southern California clean energy
2 economy, and there are three points in particular that
3 come to my mind on that that I know that you all are
4 familiar with.

5 One of them is its ability to significantly
6 reduce greenhouse gases and reduce local air pollution,
7 which is so important in the Southern California
8 region, in particular, in the L.A. basin.

9 The second thing that it brings to our
10 economy, though, potentially is to support a thriving
11 economy here in the L.A. basin in good jobs, good union
12 jobs, good jobs across our economy that support a
13 strong middle class, which is really important to our
14 state.

15 And the third potential benefit that
16 Angeles -- that Angeles Link brings to Southern
17 California is I think it provides a real pathway to
18 potentially close Aliso Canyon, and that's very
19 important to several of our stakeholders.

20 But the point that I'd like to make today is
21 that Angeles Link and the clean hydrogen economy that
22 it can support has a potential far bigger than Southern
23 California, and that really is the example that it can
24 set for the rest of the nation, because as America's
25 long-time leader in clean hydrogen, California has the

1 opportunity for our approach on decarbonizing the
2 hard-to-electrify sector to be implemented across the
3 country.

4 And if we don't lead here in California,
5 states that are less attentive to environmental
6 standards, that are less attentive to community
7 concerns, that aren't as interested in prioritized
8 supplier diversity and workplace development or
9 maintaining customer affordability, they could get a
10 jump on us and set a template for others to follow, and
11 that would be a missed opportunity, and if you ask me,
12 a shame.

13 So our efforts on Angeles Link and all of the
14 work that everyone in this room is doing to support the
15 potential for a hydrogen economy here in Southern
16 California, it really is setting the standard for the
17 role that hydrogen can play to provide heat, light, and
18 power as we move forward.

19 And in my view, it is not enough that we do
20 our best individually. I think that as a group, we
21 must do what is required if we're going to accomplish
22 this clean energy transition in a way that provides
23 energy in the way that consumers need to -- need to
24 receive it.

25 So Alma mentioned last week CBO, as did

1 Chester, and it was held right here in AltaSea where
2 there was a lot of outstanding feedback and engagement
3 from our CBO members.

4 And it's my understanding from my team that we
5 got great perspective on the need for workforce
6 development as well as discussions about alternatives
7 to consider in these communities where infrastructure
8 has the potential to be cited.

9 And these concerns, these suggestions and
10 ideas raised by our CBO members, they are helping
11 SoCalGas to develop a better study on this important
12 topic of alternatives and things that we need to
13 consider, and their feedback is helping us engage with
14 all of you in this space today.

15 So we are finding this dialogue very, very
16 helpful, and we hope the same is true from your
17 perspective.

18 In the same way that we value feedback from
19 the CBO, we very much value the feedback that we get
20 from all of you in this PAG. The effort on this PAG is
21 about doing energy projects differently. It's about
22 getting feedback from our stakeholders on the front end
23 as we face -- as we shape Angeles Link to make sure
24 that we get it right.

25 The outgrowth of this effort will be very

1 helpful to RPUC as we and they make decisions on the
2 path forward for Angeles Link and our hydrogen economy
3 here in Southern California, and it is very important
4 to us here at SoCalGas that this is a two-way dialogue
5 in this PAG, and we've made sure to include in the
6 agenda lots of opportunities for that two-way dialogue.

7 We have heard from several of you that you
8 want more time to be able to digest the technical study
9 materials. That is completely understandable, and I
10 hope that you are starting to see that both in
11 presenting materials for today's session in advance, as
12 well as the PAG sessions that we have coming forward.

13 We also appreciate very much the desire to
14 provide input on the agenda itself for these sessions,
15 that we're covering the right subjects in the right
16 order.

17 And we think that the PUC will appreciate
18 materials from PAG members themselves in our quarterly
19 reports, so thank you for the feedback on doing that as
20 we look to move to our second quarterly report to the
21 PUC at the conclusion of this quarter.

22 So with that, let me turn it over to
23 Jill Tracy, our senior director for Angeles Link, so
24 that we can get started on getting that member feedback
25 sooner rather than later, and thank you, again, for

1 your time and commitment in this dialogue. It is very
2 important, and we appreciate it.

3 MS. TRACY: Good morning, everyone, and thank
4 you for attending. I clearly got the short end of the
5 stick in following Maryam Brown. I was so excited to
6 have her here.

7 But I am so happy that all of you were -- or
8 most of you were able to come in person. I think it's
9 been really lovely to meet -- I've seen many of you on
10 Teams or Zoom, and it's really, really nice to see you
11 all in person, even though you did have to go over
12 those two scary bridges, for those folks.

13 My one recommendation is to drive in the
14 center lane, not on the external lane. I think that's
15 very, very helpful.

16 I also didn't realize how tall Chester was.
17 He's 6'5" in case anyone's wondering about that.

18 Before I get started, I would just like to say
19 that I personally am very humbled by all of you here
20 and being here in person, spending time out of your
21 very, very busy schedules to be here with us. Your
22 input and your feedback is absolutely critical for the
23 formation of this project that we're trying to embark
24 upon, and so your feedback and getting to know you,
25 getting to know your interests, your organizations'

1 interests are very, very important to us.

2 And so unfortunately I do have probably the
3 driest part of the presentation today, and that is
4 talking about the study schedule and approach.

5 And before we get started, there are three
6 handouts in your packets that I'd like you to pull out,
7 if you haven't already. And for those folks on the --
8 virtually attending, you had those sent to you
9 yesterday afternoon.

10 So let's start with your document that looks
11 like this (indicating). It is an overview.

12 Good. You're all good students so far.

13 It is a summary of the 16 Phase 1 studies.
14 The descriptions of these studies were pulled from the
15 first quarterly report, so you will have this. You all
16 should be familiar about it, but we gave you this just
17 so you have it in front of you, and I'll probably
18 make -- it will help your understanding as we go
19 through this schedule and approach.

20 The second document that you have in your
21 packet is our Project Options and Alternatives
22 Description. It's a three-page document. It is an
23 example of what you're going to be seeing in the coming
24 weeks -- or week of the remaining 15 study
25 descriptions.

1 I didn't want to freak you out. This is
2 probably one of the longest that you're going to
3 receive. They range between one and three pages each,
4 but I just want to have you manage your expectations of
5 what you're going to be getting next week, and it's
6 kind of -- it will be helpful for you to understand
7 when we go through the process.

8 The third document -- it's got purple and blue
9 on it, and it is an overview of the entire schedule
10 coming, from now until June of 2024, and it goes over
11 all of the -- mostly on a quarterly or monthly basis,
12 about how we're going to be pushing out our study
13 descriptions, getting your feedback, pushing out our
14 technical approach, our preliminary findings and data,
15 our draft report starting in 2024, all leading up to
16 the issuance of our final Phase 1 study report in June
17 of 2024.

18 All right. So -- all right.

19 So before we get into the schedule and
20 approach, I want to talk about the urgency of this
21 project and how we are working together to meet the
22 state's climate goals.

23 As we are all very well familiar, we've got
24 our 2030 goal for reducing GHG emissions by 40 percent
25 to 1990 levels. By 2045, we've got to reduce our

1 levels to 85 percent.

2 And then also we've got more recently our 2022
3 California Air Resources Board scoping plan. That also
4 details the importance of clean hydrogen and helping us
5 meet our climate goals.

6 So we're going to -- this is a preliminary
7 high-level calendar.

8 Hi, Jack.

9 MR. BROUWER: Hi. Can you please clarify on
10 the -- oh. Do I need a mic? Maybe for the people
11 online.

12 So can you please clarify -- this 40 percent
13 reduction by 2030 and 85, are they for not only
14 SoCalGas operations but also delivered product?

15 MS. TRACY: For -- so we have a 2045 net zero
16 goal. That includes all of our Scope 1, 2, and 3
17 emissions.

18 MR. BROUWER: Okay. So these 40 percent and
19 85 percent are for that too?

20 MS. TRACY: These are more governing laws --

21 MR. BROUWER: Okay. Thank you.

22 MS. TRACY: -- more broadly, and then we also
23 have our 2045.

24 MR. BROUWER: Yes, that's helpful. Thank you.

25 MS. TRACY: And thanks, Jack.

1 And if anybody has any questions, just feel
2 free to raise your hand and just jump on it.

3 So here is our high-level calendar. This is
4 from our quarterly report that was issued in April.
5 And it goes through a general calendar of our types of
6 studies that we're going to be focusing on.

7 You've got market demand, production, project
8 economies alternatives. You've got your environmental
9 land use considerations as well as your technical
10 scoping and engineering.

11 We began the contracting process beginning in
12 January and February, drafting scopes of plan, working
13 with our supply management folks.

14 And then just before we get started to do a
15 deeper dive, I would like to introduce really quickly
16 our Angeles Link senior leadership team that is leading
17 up these studies so you have a name to a face.

18 For market demand, we have Yuri Freedman, so
19 Yuri's in the back of the room. And I think many of
20 you know Yuri, and he's such a delight to work with.
21 And I think you'll find him very delightful to work
22 with as well.

23 We've got Amy Kitsen leading up technology and
24 engineering. Many of you know Amy. She's been around
25 the company for almost 17 years, I believe, and she'll

1 be heading up our technology engineering and also our
2 workforce development and our safety program. So thank
3 you, Amy.

4 And then I will introduce Armando a little bit
5 later. Okay. All right. Thanks.

6 So we're going to jump into our study
7 descriptions. You've got one on the alternatives. It
8 was sent out last week. We heard your feedback loud
9 and clear that you wanted more information on our
10 studies, and so we knew that alternatives was very,
11 very important to this group, and so we knew that we
12 were going to be presenting on this topic, and Neil's
13 going to be presenting on this topic very shortly.

14 So we sent out the study descriptions. I hope
15 all of you had the time to review it. And it is an
16 example of what you're going to be seeing next week.
17 We're going to be sending out the other 15 work stream
18 study descriptions so that you'll have an opportunity
19 to review them and provide us your feedback.

20 And so then we're going to be having two
21 interim meetings in mid-July with the PAG members. One
22 will be a virtual meeting, and one will be for -- a
23 hybrid just like this one in Southern California.

24 And it will be a further opportunity for you
25 guys to provide us more feedback on these different

1 work streams. We're going to be taking a poll that
2 will be administered by Chester shortly so that we can
3 get your feedback on what topics you would like us to
4 address so that we can focus on those topics at these
5 two interim meetings.

6 We also are giving you guys till the end of
7 July to provide us your feedback on our 16 Phase 1
8 study work -- study descriptions.

9 We have -- and to assist us in these efforts,
10 we have enlisted Insignia Environmental to provide a
11 transparent and clear process by which we take in your
12 feedback. We will be logging it, as Maryam noted
13 earlier. We will be reflecting that process and the
14 feedback in our upcoming quarterly report.

15 I'd like to introduce you, just so you have a
16 face to a name as well -- we have Anakin and Arman. Hi
17 there. Welcome and thank you for coming. They have
18 decades of experience and in incorporating stakeholder
19 feedback and NEPA and CEQA, major energy infrastructure
20 projects.

21 And so one of our topics for our mid-July
22 meetings will be having Insignia go through what the
23 process is going to be in getting your feedback, how
24 you're going to e-mail it to us, how we're going to log
25 it. It will be transparent, and then it will be

1 reflected not only as an appendix to the quarterly
2 report, but it will also be in the body of that report.

3 So we've just completed our discussions about
4 study descriptions. Our next deliverable to you will
5 be our technical approach to our studies. Many of our
6 studies might not have a really lengthy technical
7 approach, but we do expect some of our other studies to
8 have a more lengthy technical approach that we're going
9 to be providing to you for your input at the end of
10 August.

11 And, like, for example, our GHG emissions
12 studies, our NOx pitch study, and our production demand
13 studies will have more lengthy technical approaches.
14 Those will be sent to you.

15 Again, we will then have -- two weeks later,
16 we'll have our quarterly meetings where we then will
17 have our subject-matter experts present to present and
18 also -- but as Maryam noted, we're changing the way
19 these meetings are set up so that we are presenting
20 briefly, and then we'll be getting your feedback, and
21 that's what these meetings are about, is getting your
22 feedback.

23 After our quarterly meeting, we'll have
24 then -- in another two weeks, we'll have our interim
25 and in-person virtual meetings. Again, our

1 subject-matter experts will be here for you to answer
2 questions and then to get your feedback.

3 And then you'll have an additional two weeks
4 following that time period to provide your comments
5 through the insignia process.

6 The next deliverables to our PAG members will
7 be our data and preliminary findings. We expect that
8 information to be available to the group by the end of
9 November.

10 Again, same process. We will provide you the
11 deliverable for the data, the preliminary findings.
12 You'll have two weeks before our quarterly meeting. At
13 the quarterly meeting, we'll have our subject-matter
14 experts present, and then we'll have additional interim
15 meetings two weeks later, one in person, one virtual.

16 And just so you know, folks on the phone -- or
17 on Zoom, when I say "in-person meeting," I also mean
18 that it will be hybrid, so you'll all -- I know some
19 folks have travel plans, and so we're all going to be
20 able -- all of our meetings will also be hybrid as
21 well.

22 And then in light of the holiday season --
23 this is at the end of the year -- we're going to give
24 everyone an additional two weeks to provide their
25 feedback.

1 And then also, given the fact that we are now
2 finding -- we'll have preliminary findings and data, we
3 also wanted to give you additional time to provide us
4 that feedback, and so you'll have until the end of
5 January of 2024.

6 And so we'll be providing that information to
7 you at the end of November so you'll have a substantial
8 amount of time to really get into our preliminary
9 findings and data.

10 And this is really the first opportunity for
11 you to actually see the outcome of these Phase 1
12 studies. A lot of this has been planning, scoping,
13 talking about what we're going to do, but what's
14 really, really important, I think -- and I think it
15 will be very exciting -- is to see what comes out at
16 the end of November, and our discussions in December
17 will be much more fulsome, and they won't be so
18 schedule-oriented.

19 And then our next deliverable will be our
20 draft reports, which we anticipate in mid-March to come
21 out. Again, two weeks before our next quarterly
22 meeting, we have our deliverables sent out. Then we'll
23 have our quarterly meetings where we'll go over. We'll
24 have our subject-matter experts present to you guys.
25 You'll be able to provide us with input, and then we'll

1 have our virtual and hybrid meetings in the interim.

2 And then you'll have until the end of April to
3 provide us your feedback. And then it is anticipated
4 that we issue our final reports mid-June. So that's
5 our preliminary schedule.

6 And so we're going to pause for a little bit,
7 and we're going to -- Chester's going to come back up,
8 and he's going to have an interactive poll.

9 And so please have your phones out so you're
10 able to actively engage in our poll. And then we'll be
11 able to see the results, and then we'll be able to get
12 your feedback on this schedule.

13 So thank you very much. I really appreciate
14 your time and attention.

15 MR. BRITT: Thank you, Jill.

16 So as she mentioned, we are going to do a
17 quick poll. So if you could get your phone out and
18 point it at the QR code, it should automatically -- if
19 you click on that image, it should take you to
20 menti.com.

21 If, for some reason, it doesn't, you can also
22 go in through your browser and type in www.menti.com,
23 and then you'll need to enter in the Code 89052937.

24 And this should work if you're online as well.
25 It's the same exact process. I'm going to give

1 everyone a few seconds to get their phone out and to
2 link up.

3 We also have hard copies of the poll. If you
4 do not have your phone or it's not working for you,
5 just raise your hand, and we'll have one of our
6 assistants walk over and give you a copy of it.

7 I also will mention that the results that we
8 get today are going to be combined with our CBOSG
9 meeting, so we have a sense of collectively what it is
10 that everyone wants to talk about and the priorities
11 that you have.

12 So with that, we're going to go ahead, Trey,
13 and get started with the first question.

14 So as Jill mentioned, there are 16 work
15 studies that are going to be looked at in the Phase 1
16 process. Those are categorized into three categories.
17 The first one is market assessment and alternative work
18 streams. There are four options: Hydrogen end use,
19 demand study, hydrogen production, planning, and
20 assessment, high-level economic analysis and cost
21 effectiveness and project options and alternatives.

22 And then there is an option to say "I am not
23 interested in any of these topics," which, if that is
24 your selection, you might not be in the right place.

25 So go ahead and just select it. It's going to

1 show up on the screen in real time, the collective
2 input that we're getting from everyone.

3 And, again, if, for some reason, it doesn't
4 work for you, you can fill out the hard copy. And
5 after the meeting, we'll be collaborating with the
6 results and compiling all the hard copies as well.

7 So it looks like the high-level economic
8 analysis and cost effectiveness -- oh. It switched. I
9 told you it was in real time. I wasn't kidding. It's
10 like a horse race, right, one of those games where you
11 see the horses going around the track.

12 All right. We'll give everyone a few more
13 seconds to pick your -- by the way, you don't have to
14 select all four if one or two are really the ones you
15 are interested in. You can only pick two, if you'd
16 like, or if you want to rank all four, you can do that
17 as well.

18 All right. It looks like things have stopped
19 moving.

20 So Number 1 -- it's a close race, but it looks
21 like hydrogen production, planning, and assessment --
22 oh, no. That's still Number 1.

23 MR. BROUWER: That's still Number 1.

24 MR. BRITT: Hydrogen use and demand study is
25 Number 2. Obviously there is a lot of interest in all

1 of them. It's really, really close, which we would
2 expect.

3 Let's go to the next question.

4 MR. PEDERSEN: Chester, can you put up the QR
5 code one more time?

6 MR. BRITT: I'll give our analyst a chance to
7 do that.

8 Did it work?

9 All right. All right, Trey. Can we go back?

10 All right. So the second category is to rank
11 regulatory policy and environmental work streams. So
12 this one has more options.

13 Again, you don't have to pick all eight and
14 rank all eight, but if you would like to, you could.

15 Water resource evaluation is one.

16 Nitrogen oxide and other air emission
17 assessment, hydrogen leakage assessment, greenhouse gas
18 emissions evaluation, environmental and environmental
19 social justice analysis, high-level feasibility
20 assessment and permitting analysis. Land rights.

21 And, again, I am not interested in any of
22 these topics. So we'll give everyone a few minutes to
23 do those. There's a lot more choices on this category.

24 Again, these are things that are related to
25 regulatory policy and environmental work streams.

1 (A discussion was held off the record.)

2 MR. BRITT: Yes, we are. Absolutely. After
3 the poll, we're going to have a member discussion about
4 Jill's presentation. So we'll give everyone just a few
5 more seconds to make those selections.

6 All right. It looks like it stopped moving,
7 so let's go to the third question, which is the final
8 category, and these are work streams related to
9 engineering design.

10 So Trey, if we could go to the next one. And
11 your choices are preliminary routing, configuration
12 analysis, pipeline sizing and design criteria, plan for
13 applicable and safety requirements, workforce planning
14 and training evaluation.

15 I'll give everyone a few minutes -- or seconds
16 to do that.

17 It's still moving a little bit.

18 Does it look like we're done, Trey? Three
19 more? Trey can actually see behind the curtain so he
20 knows who's not voting. There's no cheaters.

21 Okay. When Trey's ready, I'm ready.

22 Okay. We'll go to the final question.

23 So the final question has to do with how you
24 would prefer to review these additional work study
25 descriptions with the PAG.

1 There are four very different choices. One is
2 to have one hybrid meeting in person, like we're having
3 today, which would be for -- to cover the top
4 priorities that you guys selected. And then one
5 virtual meeting as well.

6 The second option would be to have two hybrid
7 meetings. Both of them would be in person, like today,
8 and those would be maybe four to six hours each to
9 cover all the topics.

10 The third option would be to have three
11 virtual meetings that are organized by the categories
12 that we did the ranking on, and those would be -- offer
13 you the option to jump into the parts that you really
14 like to -- want to participate in, and that would be --
15 obviously give you the ability to do that virtually.

16 And then finally there is the option of you
17 telling us that we don't have to have any additional
18 meetings in July. We could just provide your input in
19 writing, if you would like to do that.

20 All right. So we can see -- it looks like
21 most people are choosing to have two hybrid meetings.

22 Yes. You guys just like to get together;
23 right? You like the free breakfast and to rub elbows
24 with each other. It's kind of nice.

25 Okay. So Trey, are we almost done with

1 everyone's input?

2 Okay. All right. So we're going to go ahead
3 now and get into the member discussion.

4 Before we do that, though, I do want to give
5 the opportunity for Andy to introduce himself, as one
6 of the panelists, and then I'll also give Neil the
7 opportunity -- we're going to hear from Neil as well in
8 his presentation, but since we are going to be taking
9 questions and have a discussion, I want to make sure
10 that they introduce themselves.

11 MR. CARRASCO: Yes. Thank you, Chester.

12 Good morning, everyone. I'm Andy Carrasco.
13 I'm the vice president of communications, local
14 government and community affairs. And I do have the
15 distinct pleasure of knowing some of you, but look
16 forward to meeting all of you.

17 And as Alma and both Maryam mentioned, it was
18 very critical last week, when we had our CBO meeting,
19 to hear from them, you know, what's important to them,
20 but more important to really look forward to
21 implementing and taking into account all the input.

22 So as I sit here today, I also look forward to
23 your same input and lean -- and having you folks lean
24 in and have you provide us your comments. So I look
25 forward to the continued communication with all of you.

1 Thank you.

2 MR. BRITT: Thank you, Andy.

3 Go ahead, Neil.

4 MR. NAVIN: Thanks, Chester. Good morning.

5 It's nice to see so many familiar faces. My name is
6 Neil Navin. I'm the chief clean fuels officer for
7 SoCalGas, and I'll have some remarks later on, but,
8 again, really excited that you're here.

9 Thank you for engaging. This is a really
10 exciting opportunity for SoCalGas, but really for the
11 state. I really appreciate your time.

12 MR. BRITT: All right. Thank you, Neil.

13 All right. So a couple items before we get
14 into the discussion. So please announce your name,
15 speak directly into the microphone so the court
16 reporter can record you and the people online can hear
17 you.

18 If you could be concise and focus on the
19 discussion topics -- we have a lot of people that may
20 want to speak. We want to make sure that we provide
21 the opportunity for that to happen for all of them.

22 And just a reminder, verbal comments today are
23 not the only way that you can provide input. You can
24 chat into the Zoom if you're online, and we are
25 documenting all of that. And if we have the

1 opportunity and time to read off those chats, we can do
2 that as well.

3 We also are accepting input after this
4 meeting. So if we run short on time or if you think of
5 things later, you can always e-mail us. You can always
6 send a letter. You can give us a phone call.

7 I know Emily has taken a number of calls from
8 this group as well. And we welcome that, and we are
9 documenting all of that as well.

10 So I'm going to go back to a slide that Jill
11 covered on Slide 12, and it really was focused on the
12 process that we are going to be going through in July
13 that we just voted on.

14 And in that presentation that Jill made,
15 she really covered -- I went too far, so let me go
16 back.

17 She mentioned that SoCalGas has an ambitious
18 schedule to initiate all these 16 work studies, which
19 include providing you with descriptions in early July
20 and getting your feedback by the end of July.

21 I want to know what your thoughts are or what
22 input you have on this schedule.

23 Is everyone comfortable with this schedule, or
24 would anyone like to share anything about this
25 schedule, have any concerns that you might have or

1 questions that you have about this schedule? So we can
2 start off with that.

3 And again, we have people with the wireless
4 microphones, so if you want to speak in person, just
5 raise your hand, and we will give you the microphone.

6 Does anyone have any thoughts about the
7 schedule? We're all comfortable with it?

8 Yes. Theo?

9 MR. CARETTO: Do I need a microphone?

10 MR. BRITT: Yes. It's coming right here.

11 MR. CARETTO: Theo, with the Communities For a
12 Better Environment. I'm wondering if we're going to be
13 getting additional information, for instance, on
14 project alternatives before the end of July feedback
15 deadline. Because while this is a lot more than we've
16 gotten previously, it's still very short and missing a
17 lot of more specific information that would be helpful
18 to know what feedback would be most impactful and
19 helpful to you all.

20 MR. BRITT: All right. Neil or Jill?

21 MR. NAVIN: Yeah. So we do have a
22 presentation here on those topics just coming up
23 briefly. You will actually get an opportunity to look
24 at the work methodology, so you will get more to
25 comment on throughout the process.

1 MR. BRITT: Anyone else have any thoughts
2 about what Theo raised, about the details?

3 MS. TRACY: Jill Tracy.

4 Yeah. Chester?

5 MR. BRITT: Yes. Where am I looking at? Oh.
6 I can hear you, but I can't see you.

7 MS. TRACY: So Theo, we are at the beginning
8 stages of looking at proposals for this work, but if
9 there are specific topics that you would like us to
10 address or that you had questions about, please use the
11 process to ask those questions.

12 But as Neil noted, he's going to be presenting
13 more information on that. And then if there's
14 additional information that we find that you'll need,
15 then we're happy to look at it.

16 But you'll note that the next deliverable is
17 going to be the technical approach, and I think,
18 really, the tech- -- this is more of a scoping document
19 for the study.

20 So if we're missing something in terms of the
21 scope, that's what we're really interested in now, for
22 this work stream.

23 When we get to the technical approach, I think
24 that's when you'll be able to get more into the meat
25 and potatoes, so to speak, on how this study is going

1 to be implemented, what kind of data it's going to look
2 at, is there benchmarking, things like that.

3 So I think this is an interim process as well,
4 I want everyone to understand. So we're starting. We
5 have to start somewhere. And then we'll get your
6 feedback, we'll look at it, and if there's a broader
7 scope -- if there's something in the scope that you
8 would like us to focus more on, that's the kind of
9 feedback that we'd like to hear.

10 MR. CARETTO: Thank you.

11 MR. BRITT: I think there might be someone who
12 raised their hand online, so I want to go to that
13 person. And let me see if I can read their name.

14 I think it's Tyson.

15 Okay. So Tyson, if you can unmute yourself,
16 we should be able to hear you.

17 MR. SIEGELE: Great. Thank you, Chester.

18 Yes. My name is Tyson Siegele. I am with
19 the -- I'm representing today the Utility Consumer
20 Action Network, and in a previous meeting, I had
21 mentioned a concern that -- over the order and the -- I
22 guess the speed, really, of the process.

23 Having overlapping studies going on prior to
24 sort of baseline study information being completed or,
25 for that matter, before the Planning Advisory Group

1 receives a scope of work, for instance, for the demand
2 study -- I think that that's a -- it's a major concern,
3 for instance, because we need to know what the demand
4 is for hydrogen in the Southern California area, before
5 we can determine a lot of these other pieces and parts.

6 And without having a scope of work for the
7 demand study, then the Planning Advisory Group is
8 unable to provide that feedback on -- you know, for
9 instance, additional demand that might be out there,
10 that maybe SoCalGas is taking a look at.

11 Or, for instance, one of the issues that the
12 utility Consumer Action Network raised in comments
13 on -- for the first quarter was a concern related to
14 the -- that has already gone into the demand
15 projections that SoCalGas both within the proceeding
16 itself and also presented in slides for that first
17 Planning Advisory Group meeting.

18 Recently the California Energy Commission just
19 released the latest numbers for medium in heavy-duty
20 trucking -- heavy-duty vehicles within California, and
21 what -- and it was a -- pretty stark results in terms
22 of battery electric vehicles versus hydrogen vehicles.

23 The zero emission vehicle breakdown moved more
24 toward battery electric vehicles than it had
25 previously. And at the end of Q2 2022, the battery

1 electric vehicles represented just under -- I'm sorry.
2 The battery electric vehicles was a market share of
3 approximately 96 percent.

4 At the end of 2022, battery electric vehicles
5 had a market share of just over 99 percent.

6 So there's a significant amount of battery
7 electric vehicles that is taking up demand within that
8 medium of heavy-duty vehicle category, and that does
9 not seem to be in the projections that SoCalGas took a
10 look at during the annual proceeding itself or has
11 incorporated into the projections that it presented in
12 Q1 to the Planning Advisory Group.

13 My guess is that a lot of the industry folks,
14 a lot of the commercial interest in clean energy
15 vehicles, zero emission vehicles, is shifting in the
16 direction of the lowest-cost clean energy vehicles.

17 And so that's -- that's another question,
18 really, on demand, is how does hydrogen -- how does
19 hydrogen gain demand, gain market share within the
20 clean energy industry when it is competing with a more
21 expensive product than other clean energy alternatives.

22 And so I guess the main question there is:
23 Why is SoCalGas ordering the studies in this particular
24 manner prior to doing a rigorous demand analysis that
25 may show, you know, that the rest of the studies aren't

1 needed at all?

2 Or it may show that a particular version of
3 the engine is preferable over others. For instance,
4 the local hub instead of a -- a long pipeline.

5 You know, those types of considerations are, I
6 think, really important to getting the overall process
7 right.

8 And so if SoCalGas was able to speak to that,
9 I would be interested in hearing some thoughts -- some
10 thoughts there.

11 MR. BRITT: Yeah. Thank you so much, Tyson,
12 for your comment and question.

13 Neil?

14 MR. NAVIN: Yeah. Thank you, Tyson. We'll
15 certainly be getting to you in -- one of the next
16 traunches of information, in fact, is the basis for the
17 demand study, so you should be seeing that very
18 shortly.

19 By the nature of this work, we're going to be
20 doing a lot of things in the next 18 months, so we
21 would -- as Jill mentioned, we do have a fairly
22 compressed schedule.

23 I will say that, you know, there are a number
24 of different views on the amount of hydrogen that will
25 ultimately end up especially in heavy-duty

1 transportation.

2 So we'll be trying to take into account all
3 those perspectives, including the national perspective,
4 where the Biden administration has been very clear that
5 somewhere north of 50 million metric tons of hydrogen
6 is likely necessary for the economy.

7 And if you think California is roughly
8 10 percent of the population and more than 10 percent
9 of our economy, national economy, the demand for
10 hydrogen is likely to be high.

11 I would also suggest that as the need for
12 battery electric accelerates, especially in the light
13 duty, there will be a need very likely to look at clean
14 dispatchable power generation that is likely going to
15 require hydrogen.

16 So we'll be taking as many of these inputs as
17 possible, a look in acknowledging within the study both
18 the wide perspective that exists today.

19 But there still is likely -- and as we stated
20 in this project, likely a need to understand how
21 hydrogen will play and it's likely to play a part in
22 the hard-to-electrify parts of our economy.

23 You will be seeing those scopes of work very
24 shortly, and then, as noted earlier in the
25 presentation, the methodology of the analysis that will

1 take place.

2 MR. BRITT: All right. Thank you.

3 We also have Michael online who had your hand
4 raised.

5 Michael, if you could unmute your microphone,
6 we should be able to hear your comment.

7 THE WITNESS: Thank you. Michael Boccadoro on
8 behalf of Equitable Consumer Associations.

9 And in like turn, we've been engaged in the
10 Public Utilities Commission on behalf of rate payers
11 for over 30 years now on behalf of the agricultural
12 sector in California.

13 Maryam Brown mentioned affordability as one of
14 the pillars of this, and that is one of the primary
15 reasons why we're engaged and would like to see much
16 more information about affordability.

17 The fact is SoCalGas rates are rapidly
18 becoming unaffordable, particularly with a 45 percent
19 massive rate increase pending the Public Utilities
20 Commission.

21 We are very deeply concerned about the cost of
22 this project in particular and how that cost is going
23 to be spread potentially to customers who are not going
24 to be directly benefiting from the hydrogen pipeline.

25 So I hope as we go forward, we can gain much

1 more information about that. Affordability is
2 critically important as we go down this path, and
3 unfortunately affordability is more often than not
4 given lip service than the gas company rather than
5 actually addressing those issues. Thank you.

6 MR. BRITT: Thank you.

7 Do we have any response to that or --

8 MR. NAVIN: Yeah. Certainly. I don't know if
9 that was a question, but I will say that certainly the
10 intention of this work is actually to, first and
11 foremost, look at the costs, both the cost of local,
12 more limited hubs, as ordered by the Commission, but
13 then also a broader perspective, again, of this
14 hydrogen backup system. So costs are specifically part
15 of the things that we'll be addressing in this first
16 phase.

17 This is an 18-month effort. Those efforts are
18 likely to continue into the second phase, and certainly
19 cost and the benefits that accrue to the project will
20 be looked at in the studies.

21 MR. BRITT: All right. I think, Jack, you
22 have your hand raised. I like how you tilted your name
23 tag up. That's a good way of indicating.

24 MR. BROUWER: It's easier than holding it up
25 for that long.

1 MR. BRITT: We'll get to you as well, Nathan.
2 Or we can do it either way.

3 Nathan, do you want to go first?

4 MR. SKINNER: Nat Skinner of the public
5 advocate's office.

6 Stylistically, one thing that would help with
7 hitting that feedback approach would be keeping things
8 broken out and descriptive.

9 For example, in the packet with the
10 introduction to second quarterly meeting, when we look
11 at the description of work for electrification, you
12 described mobility sector, and you talked about light
13 duty and heavy duty.

14 When we look at energy efficiency, from
15 ability sector, you described it as it's displacing
16 diesel and gasoline. Having it broken down that way, I
17 think, will make it easier for all the interested
18 people to call on the parts they think they need to.

19 Whereas, if that would have been combined, as
20 some of the parts are -- in the study description
21 sheet, that makes it a bit harder to get through
22 quickly.

23 So kind of a stylistic point is just keeping
24 things broken down as much as possible. I think if
25 everybody can provide shorter and more concise feedback

1 as we go through this process.

2 MR. BRITT: I really appreciate that. That's
3 exactly why we're here, is to hear from you, how we can
4 better assist you in getting information so it's very
5 clear in getting you what we're presenting.

6 Jack, you had a comment as well?

7 MR. BROUWER: Yeah. Jack Brouwer from
8 UC Irvine. I agree with Tyson that we will have
9 increased use of batteries throughout our economy, and
10 including in heavy duty, as the battery technology
11 advances.

12 On the other hand, the California Energy
13 Commission study that is referred to insufficiently
14 analyzed the infrastructure aspects of delivering the
15 primary energy to those battery electric vehicles.

16 And I suggest that the more thorough analysis
17 has been done by the Metropolitan Transit Organization,
18 which two years ago anticipated using mostly battery
19 electric buses.

20 But when adding the infrastructure costs
21 associated with delivering primary energy to those
22 buses has completely flipped to primarily implement
23 buses -- fuel cell buses with hydrogen delivery in
24 their plans.

25 This is because the total cost of ownership,

1 when accounting for infrastructure, is lower with
2 hydrogen. Okay.

3 And hydrogen has features that we need in
4 addition to the batteries. Okay.

5 So I also want to suggest even the title of
6 this first study you have given us this here, it's
7 alternatives. And yet the maximum amount of
8 electrification of almost any use that could possibly
9 use renewable electricity directly is required for us
10 to meet our policy goals, the maximum amount.

11 It's not competing with hydrogen. Hydrogen
12 offers an alternative electrification vector, and
13 that's what Angeles Link mostly is.

14 Angeles Link is going to use primary sun and
15 wind electricity. That -- that's what it's for. It
16 provides a vector that's super important in addition to
17 electrifying all of these end-use applications.

18 I think that we should not have these things
19 competing with one another. We are moving way too
20 slowly on electrification and way too slowly on
21 hydrogen, and we need both.

22 MR. BRITT: Thank you for that input.

23 Aaron, did you have a comment as well?

24 MR. KATZENSTEIN: Yes. Aaron Katzenstein from
25 South Coast AQMD.

1 So we have both the biggest battery electric
2 Class A demonstration projects in the country and --

3 (Reporter requests clarification.)

4 MR. KATZENSTEIN: Aaron Katzenstein, South
5 Coast AQMD. I just get worked up with the
6 infrastructure.

7 We have the biggest battery electric Class A
8 demo project in the country, along with the fuels from
9 Class A projects.

10 And just as what Jack was mentioning, with our
11 battery electric projects, these technologies have to
12 complement each other.

13 So we've got a lot of trucks that are on the
14 battery electric side that cannot get plugged into the
15 grid because the distribution grid was not built for
16 transportation. And we're looking at hydrogen to power
17 these trucks as a drop-in solution until the lines come
18 in to power these trucks.

19 And that's also a good solution here at the
20 ports where you cannot dig up these terminals to log
21 the cargo handling equipment. So I'll just mention
22 that they complement each other, like Jack said.

23 And on the battery electric side, there's
24 troubles there. And on the Class A truck side, those
25 trucks are not yet commercialized, so we'll see that

1 here this next year.

2 MR. BRITT: Thank you for that.

3 Is there anyone else that has any comments
4 before we go to the next section of our agenda?

5 Yes. Ernest.

6 MR. SHAW: You got here pretty fast. I like
7 that.

8 Hey, everybody, again. Can you guys hear me
9 pretty good?

10 MR. BRITT: Pretty good.

11 MR. SHAW: It's kind of soft. Maybe I can do
12 better without this.

13 So I'm hearing all of this stuff. It's good
14 stuff. Some of it's not so good; right? I don't
15 totally understand everything 100 percent. It's kind
16 of why I've got the expert here with me, the big guns.

17 But all in all, for us, for 483, you know,
18 job -- job training, job transitions, more work,
19 everything for my members is great because when I hear
20 Aliso Canyon being on the loom of, you know, perhaps
21 not being there no more in the next, you know, 20
22 years, 30, whatever it may be, right, by 2045, you
23 know, to reduce that redundancy, I mean, that scares me
24 because, man, that's -- I've got about, like, a hundred
25 members up there, along with everybody else,

1 contractors, management that kind of rely on that. And
2 the last thing I want to see is them not going home to
3 feed their families.

4 So, you know, for me, I'm highly -- definitely
5 highly invested in this because not only does it
6 provide a pathway for, like I said, transition,
7 training, better paying jobs, all that, right, to kind
8 of like strive towards, but I also think of
9 disadvantaged, you know, communities maybe perhaps
10 benefiting off of this.

11 Case in point, I grew up in a little tough
12 town in the spec of nowhere called Blythe, California.
13 Anybody here know where that's at? No? Maybe? All
14 right, that's two people. Okay. Cool. Represent.
15 You probably passed it on the way to Arizona.

16 But I grew up there loud and proud; right?
17 And if anybody knows anything about Blythe, it's farms
18 and a prison. That's what the major economic standard
19 is.

20 Now, the prison is shutting down, right, to
21 reduce crowding and all that stuff with letting
22 everybody out. I've got family that works there, my
23 sisters and my brother, the CEO and everything like
24 that. I'm thinking, "What's their future going to look
25 like?"

1 So when I see this and hear about this, I'm
2 like, "Man, that's -- that could be a prime, you know,
3 transition for them, potentially, to feed their
4 families, right, and anybody else there as well."
5 Everybody's grandma, mom, dads and all of that.

6 So -- and it also provides, you know, great
7 opportunities for everybody else at this table, right,
8 not just us, you know? My brothers and sisters with
9 the longshoreman port. I want to fill this warehouse
10 full of people working.

11 So anywho -- and I think to answer TURN's
12 concern -- or I'm not sure if that was you or not, man,
13 but with affordability and stuff like that, this could
14 be another pathway to that as well.

15 So this won't be the end of our talk; right?
16 Let's be the solution, right, not be part of the
17 problem. So thank you.

18 MR. BRITT: Thank you.

19 You created a lot more hands over here.

20 Mike Galvin?

21 MR. GALVIN: Mike Galvin with the Port of L.A.
22 I think it's important for the -- both ports to meet
23 our 2030 goals to be able to go zero emissions on our
24 terminals to find every single pathway that we can to
25 get there.

1 And the reality is that that's seven years
2 away or less than seven years away, and we won't have
3 the time in the Port of L.A. to develop electrical
4 infrastructure that is necessary to get there, both to
5 bring it to the terminals and to be able to distribute
6 it around the terminals.

7 Not to mention the disruption that that will
8 create at our terminals that need to remain resilient.
9 As we've seen in the last couple years with the supply
10 chain, it's a very sensitive operation, and it can be
11 upset very easily with that kind of disruption.

12 So both for resiliency of the ports for our
13 communities that need to see cleaner air, for our
14 workers that need to see cleaner air, our IOW workforce
15 that needs to be able to transition in an equitable way
16 where we do not lose workforce but operate as they do
17 today, we see hydrogen as that solution.

18 Battery electrical have positions in the
19 supply chain as well, but on the heavy-duty side, where
20 most of our equipment lies, hydrogen provides that
21 solution that continues to operate as a diesel parity
22 to what we have today.

23 The economics are the big issue, how do we get
24 there. And that's why we need to continue to explore
25 opportunities like this that provide an open

1 marketplace for many producers to get in and to open up
2 the opportunity to reduce that cost going down.

3 As the cost comes down, the adoption will
4 increase, and the commercialized vehicles will decrease
5 in cost.

6 And so all those things together can make
7 things happen for us here in the ports to benefit our
8 communities, which is the primary concern that we have
9 with our cleaner action plan goals.

10 MR. BRITT: Okay. We're going to take one
11 more in-person, and then we have Sara online.

12 Some of the comments are starting to get into
13 the purpose and need of this project, which is the next
14 presentation that Neil's going to be making.

15 So we do want to hear from you. We're not
16 going to cut you off. But for the sake of keeping on
17 track, we're going to take Norman, your comment, and
18 then Sara online and go to the next presentation.

19 MR. PEDERSEN: Thank you, Chester.

20 I have a comment -- or actually a comment for
21 SoCalGas that picks up on what Mike said and what Aaron
22 said.

23 Well, first, Ernest, you have a lot of people
24 around the table who know some things about the
25 SoCalGas system, and there is a major SoCalGas

1 compressor station in Blythe, California, and so we
2 know Blythe really well.

3 MR. SHAW: I know you now, Norman.

4 MR. PEDERSEN: Mike was just mentioning
5 high-value need for hydrogen. Aaron was mentioning
6 some of the high-value needs for hydrogen.

7 And my question -- I don't know. Maybe this
8 goes to Maryam. Maybe this goes to Neil. It's kind of
9 a high-level question for SoCalGas, one that my folks
10 are asking me. You know, we have Angeles Link, which
11 is focused on high-value end uses for hydrogen, and yet
12 in other PUC proceedings in which we're active,
13 Southern California Generation Coalition, SoCalGas is
14 proposing blending hydrogen maybe up to as high as
15 20 percent in the national gas stream, which seems like
16 a very low-value use for this commodity.

17 Can you explain this two-pronged approach
18 focusing on this high-value end, but then over at the
19 gas company there's a lot of focus on just blending the
20 low-value use.

21 MR. BRITT: Neil?

22 MR. NAVIN: Yeah. Great question, Norm. So I
23 guess two -- at least two things to consider. One is
24 it does seem quite clear that there are hydrogen end
25 uses like heavy-duty transportation which will need

1 pure hydrogen. And depending on whose perspective you
2 believe in California, by 2050 that's somewhere between
3 5 and 15 million metric tons of hydrogen.

4 That is likely to be needed in pure -- its
5 pure form for a few things. One is certainly for fuel
6 cells. So fuel cells, especially fuel cells to be put
7 in cars, like very pure hydrogen, and so there is a
8 place for pure hydrogen for fuel cells, both in
9 mobility, but also in power generation, importantly.
10 And then there is the opportunity to displace
11 traditional fossil fuels for high-heat manufacturing.

12 And then if you look at maybe not some of your
13 members, but some other folks, certainly some power
14 generation entities are first looking at blending and
15 then ultimately looking at 100 percent dispatchable
16 generation through hydrogen turbines ultimately or fuel
17 cells.

18 What we do also see, though, around the world
19 is an opportunity to reuse the natural gas system using
20 blending. That's not just us. That's folks in Europe.
21 If you look at the Baltic states, Germany, UK, other
22 entities in Canada, all of them are looking at the
23 opportunity to actually decarbonize the traditional
24 fossil fuel system, reusing that natural gas
25 infrastructure that we already -- it already exists and

1 is largely paid for.

2 If we look as close as Hawaii, a five-hour
3 flight from here -- if you've ever been to Hawaii and
4 you've ever had a burger in Oahu, it's cooked on
5 hydrogen, and it has been since 1974. So 12 to
6 15 percent -- it essentially is very similar to, you
7 know, in some sense the town gas systems that used to
8 exist prior to natural gas being used even in
9 California.

10 SoCalGas is a 155-year-old company,
11 thereabouts, and we have only moved natural gas for
12 about half of that history. Prior to that we generated
13 town gas. And if you know, town gas is and was
14 primarily a mixture of hydrogen and methane.

15 So we use Angeles Link as a very separate
16 activity from our blending efforts, but we do see the
17 ability of blending as a way to catalyze the immediate
18 demand for hydrogen. And if we think about the
19 numerous ways that hydrogen could be used, one of them
20 may be to decarbonize the current fossil fuel natural
21 gas system with a blend of hydrogen, say maybe up to
22 20 percent, and then renewable natural gas to
23 20 percent.

24 So you've taken a significant dent out of the
25 GHG and back to that system. And it's something that

1 we've been asked by the commission to look at and
2 explore, and we're going to do it.

3 MR. BRITT: All right. We have another person
4 online, Sara, who can unmute yourself, and we should be
5 able to hear your comment.

6 MS. GERSEN: Good morning. Sara Gersen
7 representing Sierra Club today.

8 You've had a couple of other comments about
9 the level of detail and the information you've provided
10 so far and also the sequencing of the studies and
11 opportunities for feedback on them, and I just wanted
12 to flag one especially important issue to get right
13 from the start, because it's going to affect everything
14 else, and I just don't know when we're going to get
15 information on it in any level of meaningful detail.

16 And that is a clear definition of the type of
17 production methods being considered to produce the
18 hydrogen that Angeles Link will deliver.

19 I am concerned that if SoCalGas plans to
20 produce electrolytic hydrogen that is produced with
21 energy that is, like -- you use recs to misclassify it
22 as renewable when it's actually putting additional load
23 on the grid. That would be really important to
24 understand as soon as possible so that all of the other
25 studies about knocks, impacts, and everything else can

1 appropriately consider that information.

2 MR. NAVIN: Yeah. This is again Neil. I'll
3 respond.

4 Thanks for the comment. I do want to make it
5 clear that our application to this CPUC was fairly
6 emphatically for a green hydrogen pipeline. The
7 decision itself came back with a decision that said
8 clean hydrogen, so it is actually defined in the
9 decision, and, Sara, we'll certainly make it clear as
10 we're working on the studies.

11 The assumptions we're making about the
12 hydrogen, that it will be transported -- I should also
13 make it very clear that SoCalGas actually does not
14 intend to produce hydrogen at scale. That was fairly
15 clear in our application, but I'll just reiterate it.
16 Our intention is to really play what is our traditional
17 role, which is a common carrier pipeline that allows
18 others to move the hydrogen to their -- to consumers.

19 And to the point, I think, Maryam mentioned
20 earlier, it really is this issue of providing that
21 connective tissue between those who want to produce
22 hydrogen and those that want to consume it for the
23 purpose of, you know, heat, light, and power.

24 MR. BRITT: All right. We're going to go
25 ahead and get into the next section of our agenda.

1 Neil, that is the perfect segue for you to
2 come up and talk about the purpose and need. We did
3 hear some comments already starting to get into the
4 purpose and need of this project, which is encouraging,
5 because that is a very important part of the process,
6 for all of our technical studies to be focused on how
7 to achieve that.

8 So Neil is going to give a presentation.
9 We'll have further conversation about that. And then
10 we'll take a break after that; all right?

11 By the way, feel free to grab food in the
12 back, if you'd like. There's also restrooms outside if
13 you need to use the restroom. Over by the canopy where
14 you walked in -- it's just past the canopy -- is the
15 restrooms, if you need to use those; okay?

16 MR. NAVIN: All right. Thank you. Thank you,
17 Chester.

18 Again, I appreciate everyone's comments and
19 everyone's time here this morning. We actually did
20 sort of get into the purpose and need already, I think,
21 a little bit, so I will dive in. I'm not surprised.
22 This is an engaged audience.

23 A little click here. Thank you.

24 So what I think is -- we mentioned it earlier
25 on -- we are under the gun here to transition and

1 electrify as many end uses in California and nationally
2 as possible, and if you look at the greenhouse gas
3 emissions for the state of California, you know we're
4 somewhere south of 400 million metric tons per year.

5 Angeles Link is definitively, in our
6 application and the work that we intend to do, really
7 focusing in on delivering solutions to those parts of
8 the economy that are unlikely to be easily electrified,
9 as understood today. So it is looking at these
10 applications like mobility, high -- heavy-duty
11 transportation, electric generation -- and, again, for
12 some that seems counterintuitive.

13 But if you look at the studies for NREL, if
14 you look at the work that LADWP is doing and others,
15 there is a significant need to understand dispatchable
16 generation and what that looks like and whether it's
17 likely to be hydrogen. We believe some part of it is,
18 as do the folks at NREL and LADWP.

19 And then lastly, you know, just to mention,
20 certainly in Southern California -- California is
21 arguably the fourth largest economy in the world, as
22 measured by GDP. Southern California by itself is
23 somewhere around 10 or 11 or 12. You know, we are most
24 of the economic base, industrial base of California,
25 and those processes -- more middle-class jobs come from

1 manufacturing than Hollywood, despite what people
2 outside of California think. So we need those folks to
3 have access to affordable energy in terms of clean
4 molecules and clean electrons, both, and they both need
5 to complement each other.

6 So we talked a little bit about the purpose of
7 the project. Again, the purpose of the project really
8 is to address the opportunity to reduce GHGs using
9 clean renewable and green hydrogen, but also to improve
10 the air quality in Southern California.

11 What I often remark to people is that we do
12 try to measure the health impacts of NOx, and one of
13 the single biggest opportunities I think we have is to
14 reduce diesel-based pollution in Southern California,
15 whether that be NOx or PM2.5.

16 And as many of you know, fuel cells do not
17 burn hydrogen. It's a reaction. And so, therefore, no
18 NOx. No PM2.5. And we have a significant opportunity
19 to both decarbonize and clean the air along the 710
20 corridor.

21 I can hear the 710 corridor trucks go by when
22 I fall asleep from my house, so I have a significant
23 personal vested interest in cleaning that up for my
24 kids and others.

25 The other clear need for a project like

1 Angeles Link and part of our purpose is to maintain
2 energy, reliability, resiliency, and flexibility.

3 I think one of the things we saw last
4 September was some of the challenges that we have in
5 our energy system going forward, and we certainly
6 believe in more renewables, traditional renewables. We
7 believe in more batteries. And we also believe in
8 firm, dispatchable, clean power that is very likely to
9 come from -- from hydrogen and very likely needed to be
10 cited within the L.A. basin for all sorts of reasons of
11 infrastructure.

12 And the other opportunity that we see,
13 certainly, for Angeles Link is this idea of
14 interseasonal energy storage. Right now, as many of
15 you know, on a mild day in April, February, we use
16 roughly half the electrical energy than we do typically
17 on a hot August. So the ability to shift and store
18 energy between seasons is something that we see as a
19 significant opportunity for hydrogen.

20 Batteries will play a significant role in
21 diurnal storage, we think for long-duration storage you
22 need something that looks a lot like hydrogen.

23 We also see, really, the need to provide
24 transportation services for all those who seek to
25 either produce or consume hydrogen. So that's the idea

1 of providing opportunities for traditional renewables
2 producers to produce hydrogen. Our traditional
3 hydrogen producers to also have an open-access system
4 that allows transparency and access to moves of
5 hydrogen to customers, and to do it in a way that
6 provides for the long -- the need for sort of long-term
7 investment that will serve us for decades.

8 As also mentioned, I think, earlier today, we
9 know today, sitting here today, that Aliso Canyon is a
10 significant energy asset for Southern California. It
11 is very likely to be needed much longer if we, in fact,
12 do not transition the hard-to-electrify sectors of the
13 economy toward something like hydrogen. So we see this
14 project at scale really reducing the need for
15 Aliso Canyon and opening up the conversation to
16 ultimately, over time, what does an asset like
17 Aliso Canyon serve, to what end, and are there other
18 alternatives to moving and storing energy and doing it
19 in a clean manner.

20 So, again, I want to mention this at least one
21 more time. This is sort of Angeles Link on one page.
22 The idea really is to leverage, to the far left,
23 renewables, renewable energy. As some of you likely
24 know, we have significant energy curtailment today that
25 takes place, so we don't use or we sell at negative

1 prices electricity to other states because we can't
2 make use of all the renewables we have today, and we're
3 adding more. It's to use that energy with things like
4 electrolysis to produce clean and green hydrogen.

5 The box there that's shaded gray, that's very
6 intentional. That is Angeles Link, the scope that we
7 would seek to build, own, and operate on behalf of
8 Californians.

9 And then on the right is really the idea that
10 there are these hard-to-electrify sectors of the
11 economy that will need access to this energy over time.

12 So I will leave it at that because I think the
13 questions are going to be the most important part, but
14 thank you again. Thank you for engagement. Thanks for
15 the questions, and we really -- we really appreciate
16 your time.

17 MR. BRITT: All right. Stating a clear
18 purpose and need is very important to the success of
19 the 16 work studies. It sets the focus of the analysis
20 in these studies to determine the feasibility of
21 Angeles Link as a project.

22 And in Neil's presentation it highlighted not
23 only the purpose and need for a clean renewable
24 hydrogen transportation system, but also the potential
25 for reducing GHG by cutting emissions in the mobility

1 transportation sector.

2 So I want to know, what are your thoughts
3 about this stated purpose and need and the potential
4 for a project like Angeles Link?

5 So Brian? State your name.

6 MR. GOLDSTEIN: Hi. I'm Brian Goldstein with
7 Energy Independence Now.

8 I think that's a particularly good question
9 about, you know, kind of the stated purpose and need,
10 you know, to build off of Jack's comment and some of
11 Ernie's here as well.

12 We really don't have a lot of alternative
13 technologies for, you know, grid-level decarbonization
14 in California, and I feel like some of the comments
15 that have already come in are more of a referendum for
16 the use of hydrogen in general and where hydrogen is
17 coming from, how it's produced and so forth.

18 But at the end of the day we have very
19 aggressive decarbonization goals, and I think it's
20 really up to the market to determine how to meet these
21 decarbonization goals in terms of hydrogen production
22 means and feedstocks and so forth, whereas, you know,
23 what I understand from the presentation so far and
24 about our past conversations about Angeles Link, this
25 is really about how to get that hydrogen from Point A

1 to Point B, essentially.

2 And I think it speaks volumes that we're
3 actually hosting this meeting here at the port, which
4 is one of the largest use case scenarios for hydrogen,
5 with the most diverse end-use applications that range
6 from heavy-duty trucking in terms of drayage, maritime
7 applications, refineries, power plants around us that,
8 you know, kind of provide great examples of heavy
9 industrial decarbonization, transportation on the
10 drayage side. And then I'm sure we can get into energy
11 storage as well, which is something I'd rather have
12 Jack talk to the group about than me.

13 But my overall point is that I think that the
14 discussion here is probably best suited to discuss how
15 we can most efficiently, you know, transition to this
16 point where we are moving hydrogen from Point A to
17 Point B, how we can enable this project to happen as
18 quickly and as effectively as possible with the maximum
19 benefits to, you know, the underserved communities that
20 we're talking about here, and essentially kind of speak
21 to meet the goals specifically that Mike talked about
22 in terms of the -- both ports, the cleaner action
23 plans, and the state's overall goals in terms of going
24 100 percent renewable by 2045, in terms of, you know,
25 grid-level decarbonization with even much more

1 aggressive targets for mobility.

2 So ultimately I think we would all be best
3 suited here to talk about how we can do this most
4 effectively, in the quickest, you know, way -- fashion,
5 with the maximum benefit to the communities that we're
6 talking about here, in terms of, you know,
7 disadvantaged communities.

8 And so I'm really excited about the project
9 here, and I really, you know, am excited to kind of
10 focus on how to do it most effectively without, right,
11 kind of turning it into a referendum on hydrogen,
12 because at the end of the day we only have really a
13 couple of different options for decarbonization,
14 especially in the transportation sector. So that's it
15 for my comments.

16 MR. BRITT: Thank you so much. Mike?

17 MR. GALVIN: So Mike Galvin, Port of L.A.

18 I just want to highlight something in regards
19 to the purpose. We do understand what we're trying to
20 get to, and that's really important, but it's also
21 really important that in analyzing all this that we do
22 understand that gap period, that we do understand how
23 we're going to meet that gap as we get to, hopefully, a
24 long and strong transmission pipeline.

25 But we don't know exactly how we're going to

1 address demand in the meantime. So hoping that this
2 process can also help with that. Because the purpose
3 is that this energy source proliferates, and then it
4 becomes less and less expensive and drives more
5 adoption. But to get there, we need to understand how
6 we get from today to 2035, right, when the pipeline is
7 coming into play.

8 So I don't want to discount that. We do
9 understand larger purpose, and it's critical to get us
10 to a place where the economics are driving this whole
11 market, but we do need to have that highlighted quite
12 significantly so that we can help make sure that we get
13 there for all the reasons that Brian stated.

14 MR. BRITT: Very well said.

15 We haven't heard from --

16 MR. NAVIN: Let me --

17 MR. BRITT: Okay. Neil wants to say
18 something. Go ahead.

19 MR. NAVIN: Yes. I'll just address Mike's
20 question.

21 So certainly one of our studies is, Mike, to
22 look at the buildup over time of the system like this,
23 so to understand that you may need sections of it
24 faster and earlier, and to understand how that would
25 interact with the ability to produce low-carbon

1 hydrogen in those periods, you know, late 2020s into
2 the early 2030s.

3 So the idea that we need to understand how we
4 phase this work is going to be baked into our study,
5 both on the engineering side and demand-and-supply
6 side.

7 MR. BRITT: All right. Sal?

8 MR. DICOSTANZO: This is Sal DiCostanzo, ILWU
9 Local 13.

10 I did ask a quick question. Can we assume
11 that we will get a copy of the slides from today's
12 presentation?

13 MR. BRITT: Yes.

14 MR. DICOSTANZO: Okay. Awesome.

15 I just want to echo a couple of comments that
16 were made by various speakers today. Number 1 is, you
17 know, California's embarrassing riches that have
18 brought it to the 4 of the 50 states -- we have a
19 beautiful shoreline. We have abundant sources of
20 engineering. It's the golden state, after all.

21 But it's also because of the investments that
22 California has made along the way. We have the envy of
23 the world, perhaps, in our education systems like UC
24 and CSUs. We have investments in our ports. We have a
25 huge manufacturing center here, all of our utilities.

1 And I think that it's important that we
2 recognize that we aren't number 4 -- we aren't the
3 fourth largest economy in the world by accident.

4 And while we're trying to clean our lungs, we
5 don't want to empty our bellies in the process. And I
6 think that's a real threat.

7 I have a quote here from Dr. Tom Boyce, who's
8 a medical doctor at UC San Francisco. It says that
9 socioeconomic status is the most powerful predictor of
10 disease, disorder, injury, and mortality that we have.
11 So let's think about that for a second.

12 Now, we have approximately 17,000 members in
13 our union that's local, like brother Ernie here. We
14 share a lot of the same concerns. That means we have
15 roughly -- let's call it 60,000 people in our
16 households, not counting retirees. Probably more.

17 Local 13 itself did a recent analysis of where
18 our folks live. Approximately 53 percent of our
19 members live within 5 miles of where you're sitting
20 right now, and 74 percent live within 10 miles of where
21 you're sitting right now. And we have a lot of folks
22 who are working very diligently on trying to solve a
23 myriad of problems, greenhouse gas, which is -- you
24 know, it's a closed circuit; right? The whole world
25 has that problem. And then there's local emissions.

1 That's another problem.

2 But we are having a growing resentment, quite
3 honestly, from folks who are coming from not part of
4 this area, coming from outside of this area, saying
5 that they're here to help us. We're here to clean the
6 air for this disadvantaged community.

7 Well, guess what. We are this community. We
8 know where we work. We moved here because of these
9 jobs. So don't tell us that you're helping us if
10 you're going to take our jobs away in the process. We
11 need to have both.

12 We've come up with a term called "enveco
13 justice." You can borrow it if you'd like to. It's
14 E-N-V-E-C-O. It takes environmental justice and
15 economic, the first three letters of both, and pushes
16 them together. And that's the mindset that I think we
17 have to have.

18 I grew up in this town. When I was a kid,
19 there was fishing here, there was canning, there was
20 shipbuilding, ship repair, oil exploration, oil
21 refining, manufacturing of all kinds to support those
22 trades. They're all gone. And if you think that it
23 can't happen to transportation, it can and it will.
24 Through a combination of economic and environmental
25 regulations, all of those industries are gone from

1 here.

2 If transportation leaves too, either through
3 an ISR or through whatever new rule that is coming down
4 telling us how we need to run our business, this can
5 all leave too, as it has been doing for a long time.

6 We're grateful for our partnership with the
7 folks at the Port of L.A. It's a Crack Team
8 [phonetic]. The folks at the Port of Long Beach too.
9 But we have to get there in a way that makes sense.

10 We have a lot of groups that are opposed to
11 anything that isn't electrification. Literally, they
12 see that there's no tail-of-pipe emission, and that's
13 good enough for them. But let's look behind the
14 curtain and see, what's the true cost? What are the
15 hidden costs?

16 We've been pushing for natural gas solutions
17 for a long time. No one wanted to listen to us because
18 nobody knows how hard it is to do the work that we do
19 down here, the weights, the conditions. It is not like
20 driving a Prius around on the freeway. My daughter has
21 a Prius. We get it. We're all trying to get there;
22 right?

23 But we have to get there in a way that makes
24 sense because the cargo that's on those ships is not
25 something that we just, like, have fun moving around.

1 That's your demand. That's what everybody in this room
2 and everyone online expects to come through at a price
3 that they can afford and in a quantity that they feel
4 is sufficient. So let's get real.

5 We need electricity. We need hydrogen. We
6 need nuclear. We need gas. We're going to need
7 everything to move this forward or we're going to have
8 to really change our consumption because there's no
9 free lunches. That's another thing we need to get real
10 about.

11 So I know I didn't really ask much of a
12 question, except for the slides.

13 MR. BRITT: You did a good job.

14 MR. GALVIN: But I feel like I wanted to kind
15 of crystallize some disparate concepts and put them in
16 one place.

17 We're happy to help. We're partnering with
18 our ports. We're partnering with our employers,
19 demonstration projects, partnering with this effort
20 today. I think we're all there to do the right thing,
21 but we want to be listened to as well, and often we
22 feel like we're preached to and told, "This is what's
23 best for you" instead of hearing from us and what is
24 best for ourselves, so thank you.

25 MR. BRITT: Thank you. We'll just go down

1 this row here.

2 MR. SHAW: Now, that's a hard act to follow.
3 What's up, everybody? Ernie Shaw again,
4 president of 483, Transmissions and Storage.

5 And I can't help but echo what my brother Sal
6 here is saying. All good stuff. You know, we're all
7 thinking it -- or most of us. Maybe not everybody.
8 But great, great stuff.

9 And, you know, one thing I just kind of want
10 to -- also kind of echo on, purpose and potential need,
11 like you had mentioned there -- yeah, like I said, we
12 saw it up there. Aliso canyon shut down potentially;
13 right? We get there, this and that. We want to get
14 there and kind of reduce the redundancies and all that.

15 But what if we're just not ready for that? We
16 get there, set it down, turn on the lights. Now what
17 happens? Everybody's affected throughout L.A. It's
18 just the butterfly effect. We can't just get there
19 without having to find that solution. Otherwise, once
20 we get there, who are we going to start blaming and
21 pointing fingers at, you know?

22 We have to have these solutions in place and
23 agenda to get there first, and that's why I'm glad
24 we're here, sitting here, getting through these kind of
25 painful and uncomfortable conversations potentially;

1 right? Because that way we can have a pathway to get
2 there for everybody to have clean air, affordability,
3 you know, all these things that we're talking about
4 right now.

5 The one other thing I want to kind of say is,
6 like I mentioned earlier with disadvantaged
7 communities, you know, like -- my grandma, for example;
8 right? If it went, like, full electric where she's at
9 out in Blythe -- I mean, she lives on a fixed income.
10 Now you have to tell her, "Hey, sorry. You can't have
11 gas anymore, but you're going to have to pay an extra
12 thousand bucks because it's all electric or whatever";
13 right? I just don't see it; right?

14 But that's everybody everywhere else, here in
15 L.A. and all throughout California. That's just it.

16 And then when COVID was around, you know, in
17 the pandemic, I mean, we got just a slight taste of
18 what it would be like if the ports and everything kind
19 of shut down or were delayed because of all that stuff
20 going on and everything was just pandemonium and havoc.
21 We've got to have our deliveries. We've got to have
22 our stuff. We've got to have our consumption.

23 So I guess what I'm trying to say is, yes,
24 let's all get there together with all this. There's no
25 wrong or right answer. There's no enemies or anything

1 like that. We're all here for the same thing, the same
2 goal. Let's get there together. But let's try to
3 behave and, you know, be friendly as we get there. So
4 I'll leave it at that.

5 MR. BRITT: Good thoughts.

6 THE WITNESS: And you're not taller than me,
7 man.

8 MR. BRITT: I know. I wouldn't want to
9 wrestle you or fight you, so I'm glad I'm on your side.

10 So we'll hear from Rodney, and then I think
11 Jan online has also got her hand raised, so we'll go to
12 her.

13 But again, let's kind of keep our comments, as
14 much as we can, focused on the purpose and need. Do we
15 have a clear purpose and need? Did Neil do a good job
16 of explaining what the purpose and need was? Because,
17 again, these 16 work studies that are going to be
18 done -- they really need to have a clear purpose and
19 need for them to achieve those objectives in those
20 individual studies.

21 So Rodney, go ahead.

22 MR. COBOS: Thank you, Chester. First of all,
23 I was just caught off guard by being called on to do
24 the self-introduction by starting off. Usually we go
25 to the left. This time we went to the right.

1 MR. BRITT: I went counterclockwise.

2 MR. COBOS: I just really want to thank -- to
3 start off with what I forgot this morning, to thank
4 Maryam and her team to put these teams together. And
5 we know, as far as the pipe tradings are concerned --
6 we know that Angeles Link will get us there as far as
7 achieving our hydrogen goals.

8 No doubt that we're in full support of it.
9 Just with the pipe trades, what it's done for our
10 members as far as natural gas -- I mean, we talk about
11 end users and what we do to install this, the gas
12 piping. It's really important to us.

13 But I just wanted to go back to what Aaron had
14 mentioned about not being able to use part of his fleet
15 because of electrification. There's not enough supply
16 there.

17 So between Angeles Link and electrification,
18 will it get us quicker there than electrification?

19 MR. NAVIN: Yeah. I'm happy to take a shot at
20 it. At least one of the experts here is Jack, but --
21 so, again, this is Neil.

22 Certainly, we understand that there are a
23 number of things that have to come together for
24 transportation to be electrified. One of them is to
25 use batteries, but batteries need to be charged, so you

1 need to have charging infrastructure, so more wires,
2 more electric transmission, more electric distribution,
3 especially, and then more generation that can support
4 the charging of batteries.

5 That's very likely to be the case for
6 passenger cars, and we see things like Teslas and
7 things that are more affordable likely being the
8 majority of the solution for smaller -- smaller
9 vehicles.

10 But when you get to very, very large vehicles,
11 where the -- either the charging of the battery for a
12 very large vehicle, a Cat 8 truck, a semi-trailer truck
13 or others, the batteries become very large, they become
14 very heavy, and it takes some time to charge them. So
15 we and many others feel that hydrogen will play a
16 significant role in that decarbonization.

17 And the benefit that one gets also is you get
18 to displace diesel over time, and diesel and its burn
19 generates NOx. It also generates particulates, PM2.5.
20 So we actually see that these things -- electrification
21 through batteries or electrification through hydrogen
22 really are complementary and necessary.

23 Angeles Link, if and when it's fully built,
24 could deliver enough hydrogen to displace about a
25 billion gallons of diesel a year. And for those who

1 know the ports much better than I do, there are roughly
2 10 to 20 thousand semi-trailer trucks that come into
3 the ports. All of them are diesel today, and all of
4 them are likely to remain diesel for some time unless
5 you find a solution.

6 There are 20,000 -- 20 million containers that
7 go through the two ports, 40 percent of the nation's
8 trade, and the need to really electrify those vehicles
9 and all the vehicles that get the -- you know, get the
10 containers onto the trucks and, you know, the folks who
11 deliver you packages to your house when you order
12 them -- all of those are likely to have some amount of
13 hydrogen, and really there is no competition. It's
14 really complementary. The electrification through
15 batteries and electrification through hydrogen in
16 transportation complement each other.

17 Okay. We're going to go to Jan online. Jan,
18 if you could unmute your microphone, you should be able
19 to ask your question.

20 MR. SMUTNY-JONES: There we go. Yeah. I'm
21 Jan Smutny-Jones. I'm with the Independent Energy
22 Producers, and we've been around since 1982, and as --
23 we have pretty much one of everything in terms of
24 generating electricity. We're very heavily involved in
25 utility-scale solar, other utilities as well as a

1 significant amount of the gas throughout the state.

2 And the electric sector, electricity sector,
3 has actually made great strides. It's the only sector
4 where there's really a significant decrease in CO2
5 emissions, greenhouse gas emissions.

6 We started, I think, in 2008. We were in the
7 electricity sector, accounting for about 23 percent of
8 that. That is now down. If I looked at the pie chart
9 you put up earlier, we're down to about 16 percent, and
10 I think it may be lower than that.

11 But at any rate, a significant decrease. Part
12 of that was due to displacement of coal through the
13 modernization of the gas facilities, natural gas
14 facilities here in California, as well as a significant
15 increase in the amount of renewable technologies that
16 have come, basically, provide a significant amount of
17 electricity to California consumers.

18 So my members are very actively involved in
19 all of that, and we're also very active in battery
20 storage. We have people who are the leaders,
21 basically, for the consumer companies that were the
22 first to put battery storage in plants and -- hydrogen
23 plants here and some of them here in the basin as well.

24 So we're very much interested in this area.
25 About seven years ago we had these very preliminary

1 discussions with some companies that were interested in
2 using excess solar for electrolysis, and those never
3 quite came to fruition because it was a question of the
4 ability to deliver the hydrogen from where it was going
5 to be located -- produced to the area here in
6 Los Angeles, where it can be utilized.

7 So we were looking at this much the same way
8 we're looking at the electric transmission system.

9 There are obviously existing, you know,
10 networks and facilities that might be utilized, and
11 there may be new facilities, such as the one being
12 proposed here, that need to be looked at as well.

13 So that's our interest in this. And I wanted
14 just to be clear that from an electricity perspective,
15 there are some opportunities here. As both utilizing
16 that excess solar that we do have in California, as
17 well as a fuel, we will continue to need generation in
18 the basin and elsewhere in California that can be
19 dispatched on demand, and we don't really have a
20 replacement other than that fleet that we have out
21 there now. It could be altered in a few ways that
22 perhaps the hydrogen can come into play.

23 And then last on that -- I think someone
24 mentioned this earlier today -- is the -- is how energy
25 is -- electricity is used. And during the winter time

1 we have a winter peak. And what I mean by that is that
2 between 4:00 and 7:00 last December, we had to fire up
3 19,000 -- 19,000 megawatts' worth of ramping capability
4 between 4:00 and 7:00 o'clock in the evening in the
5 winter, because obviously the sun goes down early and
6 we use less electricity.

7 So how do we do that? To get it as clean as
8 we possibly can do it is a major issue. It's a longer
9 term issue, but I think it's one that we need to
10 consider in all this.

11 So this is -- my only point here is to give
12 the group a clear understanding that, you know, this
13 electricity sector is looking seriously at hydrogen.
14 Everybody is convinced that this is the correct path to
15 go, but it's perhaps one of many, and this -- so I look
16 forward to participating in this to basically get a
17 little bit of understanding to put that perspective
18 into the discussion going forward. Thank you.

19 MR. BRITT: Thank you. We're going to go back
20 to some questions in person. Then we'll go back to
21 Tyson online. So Nathan, if you could make your
22 comment.

23 MR. SKINNER: Nat Skinner with the public
24 advocate's office.

25 Looking at the document and the underlying

1 purposes that were laid out, I wanted to provide some
2 specific recommendations to that point.

3 The first one is that I think goals one and
4 two are duplicative of four, six, and seven. A little
5 bit more detail is in one and two, but it's looking at
6 basically the same thing, how do we detransition the
7 hard-to-electrify sectors? And so I think simplifying
8 those out would be a good thing.

9 Looking at goal number 8, I would split it
10 out, have one for efficient energy transportation, have
11 a second goal being safe transportation.

12 And then, too, some of the comments raised by
13 other speakers here, kind of two -- I think they're
14 goals rather than a purpose, but one goal would be how
15 can this be done in a way that provides us with no or
16 least regrets?

17 So, for example, do you start by building some
18 of the infrastructure along the ports, maybe have
19 storage facilities? Because if we're looking at 2030,
20 I don't know how we're going to get a pipeline built
21 across all of L.A. by 2030 in order to meet the
22 deadline of the ports for their goals. So maybe you
23 start on this end, put in some hydrogen storage, and
24 then look at building it out to connect to the system
25 using trucking or something else to get the fuel here

1 that's needed.

2 And I think the second goal would be, how do
3 we have a just transition? Listening to the gentlemen
4 from the unions, we've got the folks from Aliso Canyon,
5 who, if Aliso Canyon shuts down, a lot of jobs -- how
6 can we cross-train? How can we have that just
7 transition, the same thing with different pipe layers,
8 things like that, since hydrogen may or may not be
9 dependent on what the feds decide to do with their
10 rules.

11 Maybe it's a slightly different skill set of
12 things we need. But how do we bring that just
13 transition along as we look at this stuff and process
14 decarbonizing the economy, particularly along the
15 coastal areas.

16 MR. BRITT: Thank you for that input. That's
17 really good to help focus the purpose and need.

18 Jack, you also had your hand raised, and then
19 we'll go to Tyson online.

20 MR. NAVIN: I have something.

21 MR. BRITT: Go ahead. Yes.

22 MR. NAVIN: Maybe just to respond, thank you.
23 We will take your comments on the purpose of the
24 document and look at tweaking that a little bit. I
25 appreciate it.

1 The other thing I would suggest is that, you
2 know, folks like the pipe trades -- they do know how to
3 weld hydrogen pipe today. So the idea that we can take
4 people who understand welding and maintaining pipe
5 systems over long periods of time -- many of those
6 skill sets exist, and the idea that we're going to need
7 to look at a workforce development and training -- it
8 is actually one of our studies within this project for
9 the first phase.

10 All right. Jack?

11 MR. BROUWER: Yeah. Jack Brouwer from
12 UC Irvine.

13 I do want to make just one quick comment about
14 Aliso Canyon and to support Ernie's concern about
15 closing it.

16 It's an incredibly valuable resource that for
17 very, very low cost provides a massive storage and
18 resource. And it is very unfortunate we had the leak
19 incident. On the other hand, we've made investments to
20 prevent that from happening in the future, and we've
21 paid for them. Ratepayers have paid for this.

22 I think we should very seriously consider the
23 alternatives and alternatives that will be safe into
24 perpetuity, like, for example, using compressed air
25 storage in those facilities. You already have electric

1 infrastructure. You already have gas turbines that
2 could be used for this, and it could be again a massive
3 resource that would have only air in it.

4 So instead of a retirement, let's look at the
5 possibility of the alternative options. I think air is
6 the safest one. Hydrogen is another one that could be
7 considered, from my perspective.

8 MR. BRITT: Thank you, Jack. All right.
9 Tyson, we're going to go to you, and then we're going
10 to take a short break. And then we're going to get
11 into the last part of our presentation followed by some
12 more member discussions.

13 So Tyson, if you can unmute yourself, you
14 should be able to speak?

15 MR. SIEGELE: Thank you, Chester. Once again,
16 Tyson Siegele representing the Utility Consumers Action
17 Network today.

18 When I am taking a look at the documentation
19 that's been provided so far, there are a couple things
20 that jump out to me.

21 One is, yes, absolutely, we want to
22 decarbonize as quickly as possible. And then the
23 second biggest question then becomes how do we do that?
24 How do we do that most quickly? How do we do that most
25 cost effectively?

1 And those go hand in hand because if you are
2 able to put in the most cost effective equipment, the
3 most cost effective renewable energy generation, then
4 you're going to get to a point where you're able to put
5 in more of it and reduce the emissions more quickly.

6 A couple of these pieces that Neil, you talked
7 about here in the purpose, I -- you know, I think is --
8 these things are admirable. They definitely should be
9 done. Reducing diesel emissions, as you mentioned,
10 living close to the highway. That's absolutely a need.

11 One of the things, though, that concerns me
12 about the document that's been provided is under
13 electrification and the mobility sector, under
14 "description of work," light-duty vehicles are
15 mentioned there, and that's a concern in that
16 light-duty vehicles basically are not being produced by
17 major manufacturers anymore other than Toyota, and
18 Toyota is quickly transitioning away.

19 Just a short list of the manufacturers who had
20 hydrogen programs and closed them down within the
21 light-duty vehicles: Volkswagen, General Motors,
22 Hyundai, Honda, Mercedes. And these are manufacturers
23 who did have a hydrogen program and said they just
24 don't make sense.

25 So that is an important piece to take a look

1 at. The CEO of Toyota just changed. The new CEO is
2 going very heavily into battery electric vehicles.

3 I think that when we take a look at pieces on,
4 you know, what makes sense or electrification through
5 hydrogen or other means, we need to -- we need to get a
6 very realistic look about what is reasonable to study.

7 And I think the, you know -- there are
8 reasonable arguments to be made. Maybe the heavy-duty
9 sector will shift significantly, as you're proposing,
10 to hydrogen.

11 Within light duty, that -- the jury's no
12 longer out on that one, and so I think that we need to
13 make sure that we are studying the right things and
14 moving forward in a direction that makes sense.

15 A couple of the other pieces: Reliability --
16 there's definitely concerns there with reliability. If
17 we have a long -- if it turns out that Angeles Link is
18 proposed as a long pipeline, is it possible to have the
19 liability without two long pipelines? And how does
20 that work?

21 With two long pipelines -- you know, one long
22 pipeline is very expensive to begin with. Two long
23 pipelines would be double the cost.

24 As someone mentioned earlier, shifting from
25 natural gas to electric in California can sometimes be

1 expensive, and so SoCalGas's sister company, SDG&E
2 charges 2.7 times the amount for electricity now than
3 Sacramento does. So making sure that this isn't a
4 project that benefits shareholders, that it also
5 benefits Californians, is really important.

6 And so, again, just getting back to cost and
7 making sure costs are one of the main pieces that we're
8 taking a look at when we are determining what is the
9 best way to decarbonize.

10 And so along those lines, in the CPC's
11 integrated resource proceeding -- plan proceeding,
12 there is a inputs and assumptions review going on right
13 now where long-range energy storage has been reviewed,
14 and they are -- they're definitely finding interesting
15 outcomes in their cost analysis, and I would encourage
16 to take a look at that and to use some of those and
17 consider that when taking a look at does hydrogen make
18 sense or for long-duration energy storage.

19 And then finally, with Aliso, I appreciate
20 seeing it on the list here. It's something that I know
21 that a lot of community members close to Aliso Canyon
22 have been concerned with for many years, and I wanted
23 to just take a look at that and ask, you know, when
24 Aliso is being evaluated within this process, are you
25 considering the studies that have been done already

1 that show the timeline for shutting down Aliso,
2 shutting down Aliso, maintaining reliability with the
3 gas and the electric system will likely happen.

4 But, you know, assuming that the plan and
5 contracted renewable energy generation is installed,
6 that the shutdown of Aliso Canyon can't happen prior to
7 the very earliest online date for an Angeles Link
8 project if -- again, if Angeles Link is that long
9 pipeline version instead of the local hubs that
10 distribute generation conversion.

11 So that, I guess, wraps up my question.

12 MR. BRITT: All right. Neil, did you have
13 anything to say before we go to break on that?

14 MR. NAVIN: That was a very long question. So
15 there's a lot in there.

16 Well, what I would suggest is certainly -- I
17 drove a hydrogen car to this meeting today. Maybe our
18 conversations with folks like Toyota are different than
19 others. And I look forward to maybe buying a BMW one,
20 which I saw in Sacramento just yesterday. It's quite
21 nice. It's a little out of my price range, but it's a
22 very nice car.

23 The only other thing I would suggest is there
24 are a lot of folks who have an interest in
25 understanding over the long term how assets like

1 Aliso Canyon will be used and remain likely necessary
2 to have interseasonal storage of energy.

3 We'll certainly try to assess all those. I'm
4 not aware of serious studies at this point that take
5 into consideration reliability, resiliency, and things
6 like NERC's recent summer reliability assessment of
7 California that suggested that we do not actually today
8 enjoy a robust, resilient, reliable -- reliable maybe,
9 a resilient, maybe not electric system, especially on
10 those peak days.

11 So we will look at all those, Tyson, but also
12 look at especially the opportunity to address the
13 heavy-duty market, but provide opportunities for light
14 duty where it makes sense.

15 MR. BRITT: All right. We're going to take a
16 quick break. There is lunch provided, so you can grab
17 some food. We do have, again, one more part of our
18 presentation we'll get to after the break.

19 I'm going to shorten the break to ten minutes
20 for the sake of trying to keep us on track. So if you
21 can all be back by around, let's say, 11:25, we'll pick
22 it back up, and we'll get to any further questions that
23 you have or comments. Thank you so much.

24 (Recess taken.)

25 MR. BRITT: One of the big things about having

1 this meeting is this networking that's going on, so we
2 don't want to dampen the enthusiasm of you guys to talk
3 to each other and get to know each other. That's part
4 of this process, and we're very encouraged by the fact
5 that you guys are wanting to do that.

6 But we do want to also be respectful of your
7 time. We do have a full agenda. Neil has one more
8 section of presentation that he's going to make, and
9 then we're going to get into one more member
10 discussion, and then we'll be able to wrap up our
11 meeting for today. All right?

12 So with that, Neil, if you are ready again, I
13 will invite you back up, and you can make your
14 presentation on the project options and alternative
15 study.

16 MR. PEDERSEN: Chester, what is our time
17 frame?

18 MR. BRITT: Our time frame is -- we are
19 supposed to end at 12:30. The optional tour would take
20 us to 1:00. So we are going to try to finish up by
21 1:30 and allow AltaSea's graciousness of providing a
22 tour to still happen on time; okay?

23 MR. NAVIN: All right. Let's get started.

24 So we talked previously about the purpose of
25 the project, and thank you for the feedback. Thanks

1 especially to Nate for some very specific things that
2 we can work through. But we'll take all your comments
3 as we look at -- as we look at the purpose.

4 One of the other elements of looking at that
5 purpose for the project is actually to assess
6 alternatives. And for those who inhabit this world on
7 a day-to-day basis, that may make sense. But for those
8 who don't, in the proceeding to the project, we've been
9 asked to do some very specific things about looking at
10 alternatives to Angeles Link in its various forms. So
11 we're going to talk a little bit about that and then
12 pause for questions and comments and then wrap the
13 meeting at that point.

14 So again what you see here on the page is a
15 lot of references in the proceeding itself. So there's
16 the -- there's something called an ordering paragraph.
17 And again, for those who understand the CPUC, that's a
18 bid at the end of the decision that talks about things
19 that should or must be done as part of the work that
20 takes place. So we've got a number of very specific
21 directions about how the study is -- how the study for
22 Phase 1 of Angeles Link needs to take place.

23 Some of that is specifically looking at things
24 like a localized hub. I think somebody mentioned that
25 earlier on. Can we look at a smaller version or a

1 version of the project that evolves over time?

2 And then specifically can we also look at
3 things like decarbonization alternatives? And we'll
4 talk a little bit about that.

5 Lastly, you know, some of these alternatives
6 are viewed through the lens of costs, but also things
7 like cost effectiveness and then looking at
8 environmental impacts. So we'll go through all of
9 those as we go through these slides.

10 So as I mentioned, we have a purpose document
11 that looks at the key essential elements of work and
12 goals that we would like for Angeles Link to fulfill.

13 The alternative analysis, which is integral to
14 that process for developing the work -- it does need to
15 look at what are the potential alternatives.

16 So one of those very specifically is to look
17 at the potential to electrify those things that we
18 believe are likely to be difficult to electrify today,
19 like high-heat manufacturing, some of these
20 dispatchable electric generation applications, but then
21 also things like heavy-duty trucking.

22 But our alternative analysis will look and try
23 to define what options are available and measure those
24 against Angeles Link in a number of different forms
25 localized and otherwise.

1 We were also, again, fairly explicitly in the
2 application -- or in the decision, I should say, asked
3 to look at the ability to fulfill some of the goals of
4 Angeles Link through energy efficiency. So could we
5 achieve these same things simply through reducing the
6 use of natural gas? And that has application for
7 portions of the economy that would traditionally rely
8 on natural gas, and then looking at things like
9 transportation -- it would be viewed against some
10 combination of electrification or otherwise.

11 Again, we were asked fairly explicitly to look
12 at whether or not these goals of the project could be
13 fulfilled by increasing or using renewable natural gas
14 or bio -- bio-derived sources of gas, nonfossil fuel
15 methane, essentially, from dairies, landfill, organic
16 waste, diversion, those things, many of them in the
17 news today, things that the state is mandating and
18 requesting.

19 So we will also look at that as one of the
20 alternatives that will be measured against the project.

21 And then lastly, we were also very explicitly
22 asked to look at the opportunity to extend the use of
23 traditional fossil fuels but offset that with increased
24 carbon capture and utilization, and as many of you
25 know, that is a key opportunity, as identified by the

1 federal government, for meeting our carbon -- or GHG
2 neutrality goals. And it's also something that is
3 important to the governor, as we've seen in his letter
4 to his agencies.

5 So we will be looking at the -- what I'll call
6 the prospect of Angeles Link as a project at various
7 sizes and various configurations against these
8 alternatives to see what they can accomplish at what
9 scale, and then ultimately look at that in terms of
10 cost, which I'll speak to in a moment.

11 We've also been asked very explicitly to look
12 at the potential that may exist to deliver renewable
13 and clean hydrogen by other methods. And so that may
14 be looking at things like trucking as well. And so
15 what we know today is that most hydrogen that's used,
16 especially for mobility in California, is trucked to
17 the various sites, and that is something that at
18 today's scale probably makes sense.

19 But by -- you know, in the 2030s and beyond,
20 if we believe that hydrogen will play a significant
21 part in the economy, some combination of trucking and
22 pipelines is likely to be necessary. And so we'll be
23 examining that as well, as part of our alternatives
24 analysis, what part trucking today, when does
25 pipeline -- significant pipeline infrastructure start

1 to make sense, at what scale, and to where.

2 We'll also be looking at alternative routing
3 configurations. For those who were aware of our
4 application and some of the work that we did preceding
5 the application, you likely know that there is a lot of
6 great places to produce renewables in the state, but
7 that does allow for a number of different opportunities
8 either to bring pipeline hydrogen in from the
9 San Joaquin Valley, the Mohave -- we've already
10 mentioned Blythe as a place that's often very sunny
11 and, therefore, a great place to either produce
12 electricity using solar, charge batteries, or arbitrage
13 and continue to increase the use and efficiency and
14 effectiveness of those renewables by producing hydrogen
15 as well. So we'll be looking at it all -- at any and
16 all of those and compare them against some of these
17 alternatives.

18 And as I mentioned before as well, I think we
19 do know, sitting here today, that localized hydrogen
20 hubs, whether they be in the L.A. area or beyond, are
21 likely to be that first step towards a larger pipeline
22 set of infrastructure. So, again, very explicitly
23 within the application, we were ordered to do that. So
24 some of that may form the effort of understanding over
25 time how we would build out this infrastructure, and if

1 so, where and when and in what scale.

2 All of these applications of hydrogen or other
3 technologies -- ultimately, we need to also look at
4 things like -- we talked a little bit about cost as a
5 key consideration.

6 So as some of you likely know, the DOE is --
7 has their "one dollar in one decade for one kilogram"
8 program. So that's a significant effort by the federal
9 government, specifically the Department of Energy, to
10 put money, time, and talent and research into bringing
11 down the cost to produce hydrogen to a dollar a
12 kilogram in the next decade.

13 So we're going to be looking at some of those
14 cost trends and what we know today and measuring that
15 as a -- as we look at these alternatives in terms of
16 the efficacy, in terms of cost per delivered kilogram
17 of hydrogen.

18 And, again, a kilogram of hydrogen, for those
19 of you who don't know, is roughly the equivalent of a
20 gallon of gasoline. So if you had a gallon of gasoline
21 for a dollar today, I think you'd be quite happy.

22 We are very definitively also going to be
23 looking at these alternatives as part of our
24 alternative analysis and some of our other studies. In
25 terms of the impacts to biological resources, cultural

1 resources, tribal resources, noise, and part of our
2 analysis will be looking at that, looking at some of
3 the challenges of permitting and the permitting
4 landscape as it relates to any and all of these
5 alternatives, and then looking at the impact I think
6 Sal mentioned to the communities that have
7 traditionally been impacted by energy infrastructure.
8 So disadvantaged communities, environmental justice
9 communities.

10 So there will be very explicitly an analysis
11 that will look at how those communities can be impacted
12 by the infrastructure but then served by clean
13 molecules in the form of hydrogen that can help clean
14 the air, as one example.

15 And then all of those efforts are sort of
16 viewed through the lens of recommending avoiding of
17 impacts and if there are impacts, minimizing them and
18 understanding what they might be.

19 So I wanted to keep those remarks fairly brief
20 because I know there's going to be a lot of time and
21 interest in questions, but to summarize very
22 specifically, you know, the purpose of the project, we
23 talked about previously I think making sure we refine
24 that purpose and get a good basis for the work that's
25 being done, measure that against the alternatives and

1 understand what alternatives exist and what impacts and
2 benefits they may have. That is going to be one of the
3 16 studies that we intend to undertake in the next
4 year.

5 So I'll leave it at that, and we'll go to
6 questions and comments.

7 MR. BRITT: Thank you, Neil. I'm going to go
8 back to a slide that he started with and ask this
9 question. This study is going to look at both project
10 options as well as project alternatives. In Neil's
11 presentation he showed four project options that were
12 presented: Electrification, energy efficiency,
13 renewable international gas, and carbon management.

14 And my question is: Is there agreement that
15 these are good options to consider, and are there
16 others?

17 So does anyone have any thoughts on that?
18 Nathan?

19 MR. SKINNER: Nat Skinner, public advocate's
20 office.

21 I'm not quite sure where exactly this would
22 slot into here, but one analysis -- one alternative I
23 did not see would be hydrogen blending in the existing
24 pipeline system followed by splitting it and separating
25 it out for the ultimate end use.

1 So, for example, could you use most of the
2 existing gas transmission system that -- you know, a
3 five or 10 percent blend, and then as you get to
4 perhaps the ports, could you then separate it out into
5 kind of regular, unadulterated natural gas going to
6 your end use residential, small business customers, and
7 then getting that higher volume of hydrogen getting
8 delivered to heavy-duty vehicles, things like that?

9 MR. BRITT: Yeah. Go ahead.

10 MR. NAVIN: Great question. I'll say that we
11 certainly -- as part of our work, we're going to look
12 at repurposing, really, sort of the right-of-ways in
13 those areas where we have energy infrastructure today.

14 I will just say anecdotally, we at SoCalGas
15 have tested technology that can separate, essentially
16 unscramble, the egg. So there is a membrane technology
17 that can actually remove pure hydrogen from a blended
18 natural gas and hydrogen stream that exists today.
19 We've tested in our laboratories. Jack at UCI and many
20 others are aware. It is an emerging opportunity. It
21 would and could mean that you could have a hydrogen
22 fueling station that simply uses the natural gas system
23 to move hydrogen and separate it at that place.

24 We had not actually considered that explicitly
25 as an alternative, and I think we'll take your comment

1 and consider it.

2 I do, just sitting here today, believe that
3 the scale of hydrogen that's ultimately necessary for
4 Southern California likely requires a dedicated new
5 pipeline system, but in the interim could something
6 like that be possible? Certainly, it's possible. I
7 think we'll take your comment and consider how we might
8 use it.

9 MR. BRITT: Thank you for that.

10 Jack, I just want you to notice what you
11 started here.

12 MR. BROUWER: Hey.

13 MR. BRITT: They're picking up on your --
14 trendsetter. Exactly. I like that.

15 So Brian, you're next.

16 MR. GOLDSTEIN: Thank you. Again, it's Brian
17 Goldstein with Energy Independence Now.

18 I just wanted to point out that
19 electrification in this slide is a little bit of a
20 misnomer, since fuel cell vehicles are, in fact,
21 electric vehicles. So essentially it's a different
22 method of energy storage or electricity storage on the
23 vehicle, so it's really, you know, batteries store
24 hydrogen instead of hydrogen or electrification.

25 I also wanted to kind of clear the air on the

1 last comments that were made before the break, because
2 they were just categorically untrue. If you just look
3 at the parking lot here today, you'll see fuel cell
4 electric vehicles from Honda, from Hyundai, and Toyota.
5 They're still manufacturing and distributing the
6 vehicles.

7 As Neil mentioned, BMW just recently made an
8 announcement that they'll be selling their fuel cell
9 electric vehicles and just brought a couple to the U.S.
10 to demo for the first time last week.

11 But ultimately this really speaks to the
12 importance of light duty, in terms of decarbonization
13 for the transportation sector and certainly in terms of
14 access to zero-emission vehicles.

15 So we have a stated goal that is now a law in
16 California that we won't be selling new gasoline
17 vehicles beyond 2035.

18 We have exactly two options of zero-emission
19 vehicles, not just in the state of California, but
20 period. There are two types of technology that are
21 available, and these are battery electric vehicles and
22 fuel cell electric vehicles.

23 In California we have about 40 million people,
24 and about 50 percent of those people live in
25 multifamily housing that don't necessarily have access

1 to charging. So, you know, to suggest that we
2 eliminate one of the only two tools in the
3 zero-emission vehicle toolbox, it's just categorically
4 irresponsible. We would really eliminate access to
5 zero-emission fuels to up to half of the population in
6 the state of California and certainly beyond California
7 as well.

8 So in that context light-duty vehicles are
9 incredibly important to what we're trying to
10 accomplish, both from an environmental standpoint and
11 from the standpoint of access to clean fuels across the
12 population here. So I just wanted to make that comment
13 and also to clear the air that there are several
14 different fuel cell electric vehicle options in
15 California.

16 This state actually created the market for
17 fuel cell electric vehicles. We have about 15,000 of
18 them on the road right now, serviced by about 60
19 hydrogen stations with plans to reach up to 200
20 hydrogen stations in the near term, and certainly goals
21 to go beyond that past 1,000.

22 So, you know, heavy duty will play an
23 important role in the adoption of this technology, but
24 the sheer numbers of heavy-duty trucks relative to
25 light-duty vehicles on the road are relatively small.

1 So they use a lot of fuel. They use a lot more fuel,
2 in fact, than light-duty vehicles.

3 So you can kind of look at light duty and
4 heavy duty as balancing factors. So light-duty
5 vehicles, by the sheer numbers, volume, and scale of
6 the number of vehicles that we have in California,
7 again, about 40 million vehicles, the adoption of more
8 and more fuel cell electric vehicles will drive down
9 the price of the components, the fuel cell stacks, the
10 storage, and so forth, and make those components
11 cheaper for the heavy-duty sector so that we can
12 advance adoption of the heavy-duty trucks as well.

13 But it's really the fuel use, the
14 zero-emission fuel use, from the heavy-duty sector that
15 will drive down the cost of fuel for light-duty owners
16 as well. So those two, light-duty and heavy-duty
17 vehicles, are very much intertwined. It's really
18 important that we focus on the adoption of both
19 vehicles and certainly important that we kind of clear
20 the air and make sure that everybody has access to the
21 information about, you know, why those are both
22 important.

23 So thank you very much for the opportunity to
24 clear the air on that.

25 MR. BRITT: No problem. Thank you, Brian.

1 If you want to just hand it to Mike, since
2 you're close by, we'll take Mike, and then we'll come
3 over to Jack.

4 MR. GALVIN: Thanks. Mike Galvin, the Port of
5 L.A.

6 I just had a question, and maybe it's sort of
7 a comment too, just to make sure this goes on things
8 that were said earlier. These alternatives are looked
9 at not just from a competing standpoint, but an
10 alternative pathway to get to where we need to get, and
11 all being complementary.

12 And that goes for all the alternatives that
13 are up on the board right now and the delivery methods
14 as well, because we need to understand how they all
15 work together to get to the ultimate goal, not just how
16 one will compete against the other to defeat the
17 ultimate goal potentially. So I just wanted to make
18 sure that that perspective is going to be involved.

19 MR. NAVIN: Yeah, Mike. I should be clear.
20 When we talk about alternatives analysis -- sometimes
21 it's either/or -- there will be an additive element to
22 this to say what amount of electrification might be
23 possible that might displace or reduce the size or the
24 need for parts of Angeles Link. So there will be -- to
25 the extent we have time and resources, some of that

1 intermingling of this to understand, could more RNG,
2 more carbon sequestration, impact the ultimate size of
3 Angeles Link, as an example, or could additional
4 electrification in certain sectors impact use patterns
5 or quantities?

6 Because we often talk about quantities, but
7 the use patterns are important as well, sort of what is
8 the daily average use versus a peak use versus a
9 seasonal use.

10 To the extent that we can, we're going to try
11 to understand how those are going to influence each
12 other and are there combinations that make most sense.

13 MR. BRITT: And Neil, is it fair to say that
14 in the environmental process when you're considering a
15 project alternative like Angeles Link, that you are
16 also required to look at other options, and that's part
17 of this process?

18 MR. NAVIN: Yeah. Certainly, as we've laid
19 out our work, as some of you likely know, this is --
20 would be Phase 1 of three phases of early work, and so
21 we are compelled today and then ultimately to
22 understand this work against the alternative. That is
23 the law. That is the way that work is assessed and
24 implemented in California.

25 So certainly understanding, you know, what

1 combination, what alternatives exist, we do -- we must
2 do that, and the intent is to do it with you and
3 understand through the public advisory group and
4 planning advisory group, you know, can we start to
5 really distill down those things that are important to
6 you as potential end users of the work. So thank you.

7 MR. BRITT: Thank you. Jack?

8 MR. BROUWER: Yes. Jack Brouwer from
9 UC Irvine.

10 I essentially want to make the same point as
11 Mike, so thank you, Mike, which is to say that most of
12 the alternatives that you are talking about here are
13 complementary to the features we must introduce using
14 hydrogen and projects like Angeles Link.

15 But let me be specific about a few things;
16 okay? Angeles Link is primarily an electrification
17 vector, because where are you connecting supply to
18 demand? Okay. You're connecting supply from desert
19 regions. You just mentioned them. Or San Joaquin
20 Valley or Mohave or Blythe. Those are where we're
21 going to do wind and solar, mostly solar. So it's
22 supporting electrification; okay?

23 And it has the ability to address some of the
24 real constraints that we are experiencing even to this
25 day with very low use of solar so far in all of

1 society. We already have transmission constraints. We
2 already have curtailment. We already have negative
3 prices.

4 All of these things are good vectors for,
5 like, managing the grid. We have to have some
6 curtailment. We have to have some overbuild of
7 renewables. Absolutely. But if you only have the
8 wires to move things along, we're not going to get to
9 our goal.

10 So it provides a supply alternative, taking
11 sun and getting it into our economy, but it also has
12 the ability to deliver it to end uses that are very
13 difficult to electrify. And I'm going to talk about a
14 few things that are, like, impossible.

15 We can't make ammonia with electricity. We
16 can't make aviation fuels with electricity. So some of
17 these things -- we can't do steel. So there's a whole
18 bunch of things like this that allow us to get sun
19 energy into these uses. We must do that. And it's not
20 that it's competing with electrification. It supports
21 electrification.

22 So let me mention a couple of other things.
23 Because energy efficiency, absolutely. We must do as
24 much as we possibly can. But in the end, if we want to
25 have an economy, if we want to have our lifestyles, if

1 we want to have our freedom, there's going to be some
2 energy involved. So it's a partial solution only that
3 complements again what we must do with hydrogen.

4 Same with renewable natural gas. Absolutely.
5 If we don't manage our waste streams, what are we going
6 to do with all that? We must manage our waste streams.
7 But it can only get us a few tens of percent maybe of
8 what we need as fuel. It's a partial solution. It's
9 an essential solution, but it's a partial solution, not
10 really a competing solution.

11 How about this? What's the other one? Oh.
12 Carbon management. Again, every single climate model
13 that's ever indicated that we can possibly stop climate
14 change, every single one, has adopted massive amounts
15 of BECCS, bio energy plus carbon, capture, and storage,
16 BECCS. No climate model that shows we can stop climate
17 change does not adopt carbon capture and storage.
18 Every single one does. So we absolutely must invest in
19 carbon capture and storage. But it's not necessarily
20 something that competes with Angeles Link. It supports
21 it.

22 In the end, we need all of these technologies
23 and adopt it to the greatest extent possible to even
24 get close to our policy goals.

25 MR. BRITT: All right. Thank you so much,

1 Jack. Theo, we're going to go to you, and then we're
2 going to go to some online people who have raised
3 they're hand, Tyson and Sara. So Theo?

4 MR. SHAW: Don't forget about me, Chester.

5 MR. BRITT: I'll come back to you, Ernie. I
6 won't upset you. I know what I'm doing. Believe me.

7 MR. CARETTO: Yeah. Just drilling down into
8 the description of work here, I see under energy
9 efficiency it's missing a line for demand response
10 technology. I think that goes under efficiency and
11 electrification.

12 And then also under energy efficiency, I'd
13 love to see analysis in there that teases out the
14 differences in efficiency of delivering electricity
15 straight to the end use versus using renewable
16 generation to produce hydrogen and then take that
17 hydrogen to an end use and turn it back into
18 electricity, where the end use is something that can be
19 electrified.

20 Also just pushing back on some of the points
21 that the professor made, we see examples of steel
22 production being electrified and research into that
23 coming along as well as a couple of other areas, so I
24 don't want to, you know, just totally get into
25 absolutes around these. There are options, and I want

1 to make that clear.

2 And then finally under the option of the
3 alternative of having this pipeline, the production of
4 the hydrogen going into the pipeline is an extremely,
5 extremely important component of the figures that we
6 get back on these various different alternatives if we
7 are using things like bio gas or burning methane to
8 produce hydrogen.

9 Those are impacts that are coming from this
10 hydrogen pipeline project. And so I want to make sure
11 that the greenhouse gas impacts that can be associated
12 with producing hydrogen, if the electrolysis isn't
13 powered by true renewable energy like wind and solar,
14 or if the production through electrolysis is taking
15 renewable energy that could have been directly sent to
16 the end use and using that instead to produce hydrogen
17 resulting in, for instance, keeping gas plants online
18 to power communities like L.A., where there is
19 transmission constraints.

20 I just want to make sure that those are
21 included in the description of work and appropriately
22 analyzed.

23 MR. BRITT: Great input, Theo. Thanks so
24 much.

25 We're going to go now to Tyson online. Tyson,

1 if you could unmute yourself, we should be able to hear
2 you. Tyson, are you there?

3 MR. SIEGELE: Yes. Thank you. It was taking
4 a minute to unmute.

5 MR. BRITT: No worries.

6 MR. SIEGELE: So the -- with the alternatives,
7 I know in the document it has a little bit more detail
8 than the slide here, and I appreciate that.

9 One of the pieces within the project
10 alternatives and the document is a -- a localized
11 hydrogen hub, and that was something that the
12 commission, as was pointed out, very specifically asked
13 for.

14 I think that when the localized hydrogen hub
15 is reviewed, one of the important things to do with
16 that is to -- ah. There it is. Yes -- is to take a
17 look at IRA, the inflation reduction act, and do an
18 apples-to-apples reduction on what local producers of
19 hydrogen can do compared to receiving hydrogen through
20 a pipeline system.

21 One of the possible customers that has been
22 listed in the work that SoCalGas has done at this point
23 is LADWP. And that's a really interesting client at
24 this point, especially with the IRA coming into
25 existence, because LADWP has electricity and it has

1 water, and those are the two things you need to combine
2 in order to put into an electrolyzer and come out with
3 hydrogen.

4 And so it will be interesting to see if some
5 of these large customers that have spare transmission
6 capacity, that have spare -- spare capacity just in
7 general to do this locally and then receive the federal
8 tax credit themselves -- it would be interesting to
9 know if demand has gone down significantly since the
10 application was put forward by SoCalGas of the
11 significant incentives that the federal government is
12 providing to individual industry participants,
13 commercial -- commercial entities, and organizations
14 like LADWP to produce hydrogen.

15 It seems like there -- well, there have to be
16 at least some of those organizations that decide that
17 they want to be paid by the federal government to
18 produce hydrogen instead of paying SoCalGas to provide
19 it to them.

20 And then a little bit of response to the
21 light-duty vehicle question. What -- you know, I'm not
22 disputing the fact that there are light-duty hydrogen
23 vehicles in California. There are a little over 11,000
24 of them, and I'm sure that several of them are in the
25 parking lot today. The important thing to take a look

1 at is that battery electric vehicle demand continues to
2 rise year after year after year. 2021 in California
3 peaked, as the hydrogen fuel cell light-duty vehicle
4 demand reduced in 2022. It's very likely to continue
5 to drop as manufacturers stop producing their hydrogen
6 vehicles.

7 And, you know, as Neil mentioned, BMW being
8 something that is a display model is absolutely right.
9 You can see that. You can't buy it. So I just wanted
10 to share some of those things.

11 And then going back to the IRA, there are a
12 lot of incentives within the IRA for alternatives to
13 hydrogen. And, again, apples-to-apples comparison
14 would be great there and taking a look at how -- how,
15 again, is the least expensive way to transition to a
16 clean energy future. Thank you.

17 MR. BRITT: Thank you, Tyson.

18 Sara, if you can unmute yourself.

19 MS. GERSEN: Hi. Sara Gersen, Sierra Club.
20 My comment is on the prior slide, Slide 27.

21 So one thing that's missing here is to the
22 extent Angeles Link is planning for demand in the
23 electric generation sector, it would need to consider
24 alternatives to hydrogen for electric generation. So
25 that would be other forms of energy storage that could

1 fill the role in the electric system. Hydrogen could
2 potentially play, and that's just not on the slide
3 right now.

4 MR. BRITT: Did you have anything, Neil, to
5 say about that? Are you looking?

6 MR. NAVIN: I'll just say certainly we'll look
7 at those alternatives.

8 I would suggest very gently that the recent
9 document that was put forward by CEC and CPC, it called
10 for significant increase in renewables. It also called
11 for dispatchable electric generation of about ten
12 gigawatts but without any associated technology.

13 I'd further suggest that we have -- we have
14 energy transition needs that are going to exist in the
15 next 5 to 10 to 15 years. And if we continue -- quite
16 frankly, if we continue to rely on technologies that
17 don't exist and cannot be permanent today because they
18 don't exist and we don't have a structure to permit
19 them because they don't yet exist, we do need to
20 consider that hydrogen is available, along with other
21 forms of renewables.

22 And we need to think about what is possible
23 today and then recognize that other technologies will
24 emerge over time, but even if the most optimistic view
25 of review and the decrease in time to go through CEQA,

1 I think we need to be looking at the pallet of
2 technologies that we have today, understanding what we
3 can do with them, and then recognizing that technology
4 will emerge over time that may help support the energy
5 transition.

6 MR. BRITT: Thanks, Neil.

7 All right. We're going to go to Arun Raju.
8 If you can unmute yourself.

9 MR. RAJU: Yeah. Hi. Arun Raju, UC
10 Riverside.

11 My question was actually about the process of
12 engaging with the San Reasley Group [phonetic] that was
13 custodian in the meeting.

14 This is a fairly large group, and the polling
15 that was done earlier, there was equal interest amongst
16 almost all the topics. So could you discuss in a
17 little more detail about how you engage with experts on
18 specific topics, technical or environmental justice,
19 and, you know, possibly subgroups within the larger
20 group and address specific -- more focused concerns?

21 MR. NAVIN: Well, let me start, and then maybe
22 I'll pass it to Jill here at this point. As we've
23 mentioned, our next set of meetings will actually be to
24 look at the scopes of work for each of the individual
25 studies. Those studies will be executed by entities

1 that have expertise within the specific focus areas --
2 environmental, specialists, energy specialists --
3 entities that look at energy economics rights-of-way.
4 So each one of these entities will focus in on each one
5 of these individual studies.

6 And then I would suggest that anybody in this
7 room or on the phone is more than able to attend these
8 meetings and comment. And if there's additional need
9 or desire to participate more deeply, to also engage on
10 very specific studies.

11 We will be looking at those that have
12 expertise in each one of the fields. So that's the
13 starting point. And Dr. Raju, if you'd like to be
14 engaged in any of them specifically, or anyone else in
15 the room, we would welcome that engagement.

16 MR. RAJU: Thank you.

17 MS. TRACY: Thank you, Arun. And I did notice
18 as well that all of the studies seem to be pretty
19 equally weighted, so I think that means -- there are
20 15. And so if that's too much to cover in two
21 meetings, then, you know, we'll make it three. We want
22 to make sure that everybody -- there's a lot of
23 expertise involved, a lot of knowledge and history, but
24 some folks don't have that as well, and we want to be
25 equally sensitive to folks who do have a lot of

1 expertise and those folks that don't. So if it looks
2 like we need to cover all 15, we will do that.

3 We've also got to be cognizant that we do have
4 a lot of people in the PAG group that do need to
5 travel. And so if we need to make them virtually or
6 the hybrid -- I think the hybrid is working really well
7 today. Kudos to Chester and our technical team here,
8 so thank you so much. But we're going to be committed
9 to making sure everybody can participate equally.

10 Thank you.

11 MR. BRITT: And I'll just say one other thing.
12 The meetings that we're talking about in July are not
13 the last time we're going to be talking about these
14 subjects. So if you remember Jill's presentation,
15 there will be time in the fall as well for intermediate
16 results of those studies that will also be presented to
17 the group. Have a conversation about that. And then
18 as well as the final deliverables of those. Again,
19 another opportunity to present that information to you
20 in another conversation.

21 So this is just launching the process. Again,
22 Phase 1 is an 18-month process, and to get all 16 of
23 these launched, I know these guys are working extremely
24 hard to get that done, and this is just part of that
25 process.

1 Okay. So I want to go to you, Ernie, before
2 you get mad. I see you, so go ahead.

3 MR. SHAW: Thank you. Thank you, thank you.
4 Once again, Ernie Shaw, president of 483, for those on
5 the call.

6 You know, I'm going to take Mr. Brouwer's word
7 there. I like it. It kind of hit me hard when he said
8 that these here -- these alternates really do
9 complement each other as well as the Angeles Link.

10 Case in point, I'm going to say three phrases,
11 right, three words, three kind of things that you're
12 going to keep hearing more and more and more.
13 Championing our people, shaping our future, and doing
14 the right thing; okay?

15 So we're shaping the future by each of these
16 alternatives; right? If we've got to dive into it,
17 then we're championing our people by providing that
18 pathway for good union jobs and training and all that
19 good stuff, right, and taking care of the under --
20 disadvantaged communities and all that.

21 And then, of course, it's because we're doing
22 the right thing, because we want to clean up the earth
23 and create, you know, better air qualities and
24 everything else, and as well as, you know, CO2
25 emissions, reducing that.

1 So when I look at this, I mean, carbon
2 capture -- carbon management, carbon capture -- that
3 alone just today, 45 million tons, I believe, from what
4 I was reading are stored underground in old, like, gas
5 wells and all that, and that's equivalent to about
6 10 million cars on the road. So already that by itself
7 is giving back to the earth. And that -- just that
8 whole process. It's just like recycling. So it goes
9 back and forth, back and forth.

10 So even if we don't dive into Angeles Link,
11 we're still looking at other alternatives here that we
12 already kind of do and want to take advantage of.

13 The RNG, renewable natural gas, same thing.
14 We already kind of created that technology today and
15 have taken advantage of what's been there and what
16 hasn't been harnessed and used and sort of float to the
17 atmosphere and the earth and just goes nowhere. So
18 once again, we're shaping our future and championing
19 our people because we want to do the right thing.

20 So there's no other way to put it by -- this
21 is what we've got to do. It's all come together.
22 We're all in the same boat. We're going towards the
23 same goal, everybody around the table, because we want
24 to do the right thing. Thank you.

25 MR. BRITT: Thank you. Sal?

1 MR. DICOSTANZO: Yeah. Thank you. Sal
2 DiCostanzo, ILWU Local 13.

3 One of the speakers online was making an
4 appeal for side-by-side analysis, and I'm wondering if
5 this is considered in your analyses.

6 Obviously batteries require a lot of rare
7 earth elements, lithium, cobalt, nickel, and others.
8 Some of these resources are in remote places,
9 adversarial places, whether it be China, Russia, or
10 less so in the DRC, the Democratic Republic of Congo in
11 Africa.

12 I recently saw a CNN video that was on YouTube
13 at a presentation that we were at recently showing that
14 in some places the mining is done with traditional
15 heavy-duty diesel equipment that is mining, and strip
16 mining in many cases. But where that is not applied,
17 there is massive exploitation of labor, child labor,
18 brutality that we don't have here. And yet it happens
19 in order to make battery electric technology possibly
20 affordable.

21 So I'm wondering if you're looking at that,
22 you know, from the ground to the battery and then
23 finally the disposition of the battery. How do we
24 dispose of these batteries? Are they able to be
25 repurposed? Do they have to be buried? Are they going

1 to end up in a landfill? Is that part of your
2 analysis? That's my question.

3 MR. NAVIN: Well, we have 18 months, so --

4 MR. DICOSTANZO: You better get cracking.

5 MR. NAVIN: Yeah. We're very unlikely to
6 really deeply look at child labor in artisanal mines,
7 but I think we do recognize the challenge of supply
8 chain and the challenges of relying on entities like
9 China as our primary refiner of rare earth's minerals.

10 I don't know how much we're going to get into
11 that as we look at the economics, but your point is
12 noted, and we'll try to figure out how we can address
13 that?

14 MR. DICOSTANZO: I understand your timeline,
15 and your scope may not allow for that, but that is part
16 of the conversation that often goes unlooked.

17 MR. NAVIN: Sure. Yeah.

18 MR. DICOSTANZO: So to everybody around this
19 table, CNN DRC. Check it out.

20 MR. BRITT: Okay. I think, Russell, you have
21 your name tag tilted up.

22 MR. LOWERY: I hit the mute button.

23 Yes. This is Russell Lowery with the
24 Environmental Justice League. About a third of our
25 membership live in and around the ports. We don't

1 obviously all live and work there, but millions of
2 people are impacted by this.

3 I'm particularly interested, Neil, with your
4 engagement in the end users. When they come up, our
5 interest is in reintroducing emissions around the port
6 as expeditiously as possible, and we fully support,
7 unreservedly, battery electric vehicles, but we don't
8 think the infrastructure is going to be there in the
9 near term to support that, so our engagement with your
10 pipeline would be greatly enhanced if we understood the
11 speed and the prioritization from the end user
12 perspective and what that was going to look like.

13 And just as we go around the table and look
14 around the table, I'm not seeing a lot of engagement
15 from end users. So if you could discuss a little bit,
16 both from the prior session of the planning from the
17 end user perspective and then from this analysis, are
18 you going to have significant -- is it going to be
19 theoretical, or are you going to be significantly
20 engaging with end users to talk about how likely these
21 alternatives are?

22 MR. NAVIN: Yeah. That's a great question.
23 So we do have a gentleman, Yuri Freedman, who is here
24 who will be leading the conversation with end -- both
25 producers and end users of hydrogen. And I would --

1 I'd also suggest that we have the Port of L.A. here,
2 one of the largest energy users in the state and
3 opportunities for decarbonization.

4 So as we look at our -- both our supply and
5 demand studies, we will be speaking directly with those
6 who either intend to produce hydrogen and with entities
7 like the Port of L.A. and Long Beach, who have very
8 real needs for energy, and even some of the folks
9 who -- the like -- I will just say like the Toyotas of
10 the world, who actually do intend to produce vehicles,
11 whether heavy duty or medium duty, and have a very
12 distinct view of what need hydrogen is likely to emerge
13 over time.

14 And so we will be doing that along with a
15 number of other -- looking at a number of -- I wouldn't
16 call it theoretical. I'll just call them studies that
17 have looked at the opportunity for hydrogen either at a
18 national level or more locally to understand how -- how
19 we can assess today, sitting here today, what we think
20 the demand for hydrogen is likely going to be going
21 forward.

22 So it will be hyperlocal, but also looking
23 more broadly at what are the broader opportunities that
24 we see.

25 MR. BRITT: Thank you, Neil. All right. I

1 see three more people that are wanting to make a
2 comment, and then we're going to try to wrap things up.
3 Again, we want to end on time at 12:30 so we can
4 provide that optional tour for you, if you want to do
5 the tour of AltaSea. We want to make sure we have the
6 time to do that. And we have a couple more slides to
7 get to.

8 So we'll go around the corner here. So I
9 think, Carla, you have your name, and you're ready to
10 go.

11 MS. SANCHEZ: I was a little late this
12 morning, so I didn't get to introduce myself. I'm
13 Karla Sanchez with the Harbor Trucking Association.
14 I've been very quiet, but I just wanted to make a brief
15 comment.

16 So we're a coalition of drayage industry
17 stakeholders. So we have around 450 carrier members,
18 and one of the many challenges that we're currently
19 facing is the California Air Resources Board Advanced
20 Clean Fleets rule. I don't know if you guys are
21 familiar with it, but this rule was passed recently, in
22 April, and it requires all new trucks entering the port
23 service be equipped with zero-emission drive trains
24 beginning January 1st, 2024, so that's less than six
25 months right now. So we do need solutions to help

1 fleets transition.

2 The State of California right now estimates
3 157,000 medium- and heavy-duty chargers are needed to
4 support the deployment across the state by 2030. So
5 we're very interested in informing part of this
6 conversation, and hopefully we can get solutions for
7 our members sooner than later. Thank you.

8 MR. BRITT: Thank you for that, Carla.

9 And if we could hand it over to Norm.

10 MR. PEDERSEN: Thanks, Chester. Two
11 questions. First of all, I notice that there are some
12 people around the table who have a lot more information
13 than the rest of us about what's going on with the
14 ARCHES application. I notice we've got, for example,
15 Lorraine Paskett here, plus the SoCalGas people.

16 I'd like to have an update on where we stand
17 with the ARCHES application, the DOE.

18 And secondly, at least Southern California
19 Generation Coalition supported the application for the
20 Angeles Link -- Angeles Link project memorandum
21 account. And we were under the impression that what
22 was going to be done in Phase 1 was going to contribute
23 substantially to the success of that application at
24 DOE. In other words, the state would get money as a
25 result of support of that application and as a result

1 of, at least in part, SoCalGas's efforts during
2 Phase 1.

3 You have all these studies, the 16 -- 15 or 16
4 studies. How much is what you're doing in Phase 1
5 going to contribute toward success at DOE? Could you
6 answer those two questions? Where the ARCHES
7 application stands and how much the studies are going
8 to contribute towards the success of the ARCHES
9 application?

10 MR. NAVIN: Yeah. I see Jack's maybe -- are
11 you wanting to comment on this as well?

12 MR. BROUWER: Yeah, I can.

13 MR. NAVIN: Why don't we let Jack start, and
14 then I'm happy to jump in, Norm. If you could provide
15 the mic to Jack over here. Yeah. Just -- team work.
16 I like it.

17 MR. BROUWER: They're really passing it out.

18 So Jack Brouwer again. I was a part of the
19 team that wrote that proposal. So was Lorraine. And
20 we have received the initial review from DOE, and
21 they've given us a chance to actually respond to the
22 strengths and weaknesses associated with that
23 application.

24 Only a few people were involved in the
25 responses that were written and submitted to DOE for

1 the -- to address the weaknesses. From our
2 perspective, the DOE review was relatively positive,
3 but I know of a lot of other applications that feel the
4 same way, so it's a highly competitive scenario that we
5 are in right now. So it's highly competitive.

6 I do think that California should be one of
7 the hub winners so that the ARCHES approval should be a
8 winning proposal. It should be for a lot of reasons.

9 One of them is a lot of you around the table,
10 who are all partners of this, 130-some people sent
11 support letters, and a very vast group of entities is
12 directly supported by ARCHES and even a larger
13 contingent indirectly supported by ARCHES.

14 And the Angeles Link effort is included,
15 right, in these -- in the ARCHES planning that we have
16 for the future.

17 Let me just say one final thing to address
18 Russell's earlier comment. Russell, that was a very,
19 very interesting and important contribution that you
20 made, which is that we don't currently have, I think, a
21 good alternative other than hydrogen to eliminate
22 diesel particulate emissions for your constituencies,
23 and this, from my perspective, is what is harming us
24 most significantly today.

25 We need to, as quickly as we possibly can,

1 eliminate diesel-particulate emissions. That's why I
2 think it's most important to almost immediately invest
3 in hydrogen, and it may be the hydrogen hub idea,
4 right, to start with, but eventually the hubs are
5 insufficient. We need to get, eventually, energy from
6 the desert to our urban environments. So we need both
7 the hub, which we should put in right away, get rid of
8 as many diesel trucks as we can, okay, and then we can
9 go in this direction.

10 So did I answer your question fully on ARCHES?
11 Is ARCHES okay?

12 MR. PEDERSEN: When did you give your
13 response?

14 MR. BROUWER: The responses are already in.

15 MR. PEDERSEN: When?

16 MR. BROUWER: We filed the application in
17 April, and we just submitted the responses.

18 MR. PEDERSEN: Like this month?

19 MR. BROUWER: Yes, this month.

20 Let me just say that I expect the draft
21 decision from the DOE to occur next month, but these
22 hub awards are going to be reviewed by the White House.
23 It's part of what they demanded in the law, and as a
24 result there's going to be a second level of review
25 over and above that review, which is normal for the

1 U.S. Department of Energy, and that review will
2 probably take at least a month, and then there's going
3 to be some time that DOE has to respond to that review.

4 I'm guessing that we're going to have final
5 award announcements in September. At the very latest
6 it's going to be September 30th, which is by law; okay?
7 It has to happen this fiscal year; okay?

8 So hopefully that's enough of an update on
9 that.

10 MR. BRITT: Thank you, Jack. We can go to --

11 MR. PEDERSEN: What about the second part of
12 my question?

13 MR. BRITT: The second part, Neil?

14 MR. NAVIN: Yeah. So Norm, we were ordered,
15 as part of the decision, to support and join ARCHES.
16 We did. We supported the application.

17 Ultimately we see Angeles Link and its
18 components being supportive of the ARCHES effort, and
19 then ARCHES' long-term view of where the economy is
20 likely to go with hydrogen.

21 So we are a supporter, as Jack said. Comments
22 coming in by the DOE are being responded to by a very
23 small group of people within ARCHES, but we're very
24 hopeful that ultimately California is one of the
25 winners and ultimately, I think -- ultimately -- I

1 think Jack mentioned this -- if you read the original
2 language about the funding of hydrogen hubs and the
3 work that the DOE put into the explanatory documents
4 when the -- when the call was made for applications,
5 part of the strength of any application for those
6 dollars is actually a description of how the hub might
7 interconnect interregionally with the rest of the
8 country.

9 And so that's where we see the strength of
10 things like Angeles Link and others playing a really
11 significant role, both to support the application
12 itself, but then over the long term really supporting
13 tying in the elements, those 133 partners, into a
14 system that can connect with the rest of the country.

15 MR. BRITT: All right. Thank you, Neil.
16 Mike, we're going to take your question. Then we're
17 going to go to Tyson. Then we're going to wrap it up.

18 MR. GALVIN: I don't have a question, but I
19 just wanted to respond to Russell.

20 MR. BRITT: Okay.

21 MR. GALVIN: We've been in conversation,
22 SoCalGas and other partners around the hydrogen
23 business, regarding end use at the ports. And all of
24 our tenants, as well as the Port of Long Beach for
25 quite a while. So we have been looking very closely to

1 make sure that we have a plan for the future, because
2 it's extremely important for us to convey that plan to
3 our partners that are running the terminals and that
4 are operating the terminals from longshore labor.

5 And we also have been participatory in ARCHES
6 and helpful in providing input into that response as
7 well. And because we need to be one of the initial end
8 users that gets propped up because of the action plan
9 requirements that we put on ourselves and the expected
10 state regulations that are going to come behind that to
11 want to see zero emissions at the port that we see in a
12 big way as the hydrogen pathway.

13 So we also are very much engaged and have been
14 engaged from the very beginning in ARCHES.

15 MR. BRITT: Okay. Thank you, Mike.

16 Tyson, we're going to give you the last word.
17 If you want to be concise, we're going to wrap this
18 meeting up and give everyone a chance to get on this
19 tour. But please unmute yourself and we'll be happy to
20 hear what you have to say.

21 MR. SIEGELE: Yes. Thank you, Chester. I
22 will be brief. I'm Tyson Siegele, representing the
23 California Utility Consumer Action Network.

24 I wanted to provide a little bit of good news
25 hopefully to Sal in response to his concerns about

1 batteries and concerns that I share. I think that
2 child labor absolutely should be not a thing in this
3 world. So I am very hopeful with the direction that
4 the battery industry is going, moving away from using
5 cobalt batteries, the EV industry worldwide used
6 batteries that had noncobalt chemistries for
7 27 percent, which grew from just 6 percent two years
8 prior to that.

9 And there are new sodium batteries that also
10 do not use cobalt and will be the new low-cost battery,
11 assuming that the production comes through the way it
12 is anticipated by the end of the year.

13 In addition to that, you mentioned disposable
14 and close to 97 -- sorry -- close to 100 percent --
15 over 95 percent of battery -- batteries can be
16 recycled, and those -- those materials were used in new
17 batteries. So both of those things hopefully give a
18 little bit of good news to end on.

19 MR. BRITT: Thank you, Tyson.

20 All right. So we made it through. I want to
21 thank everyone, as the facilitator, for your varied
22 comments. Obviously there's a lot of people here, a
23 lot of people online, a lot of different opinions. I
24 want to thank you guys for being respectful for each
25 other, for thinking through your thoughts and being

1 concise and on point with a lot of your comments.

2 I would encourage you, as we go into these
3 meetings in July -- we would ask -- we're going to be
4 sending out a lot of information beginning next week,
5 and we would ask that you take the time to look through
6 that information, come as prepared as you can to talk
7 about the specific subjects that we're going to need to
8 get through. It is a lot of information to get
9 through, as Jill and Neil both mentioned.

10 They're going to -- we're going to go from one
11 work study program to another to another, and so that's
12 going to require us to remain focused on the subject
13 matter at hand so we can get all the inputs that we
14 need to move the process forward.

15 There will be two rounds of meetings as of
16 today. Tentatively, we're looking at the week of
17 July 17th as the first round. Those will probably be
18 virtual. And then the second round will be the week of
19 July 24th.

20 We are going to solidify those dates during
21 those weeks of which days we're going to have those
22 meetings. We'll get you that information really as
23 soon as possible. This is kind of all happening in
24 real time, but we are going to be providing you a lot
25 of the work study descriptions next week along with

1 solidifying when those dates of those meetings will be.

2 But it looks like round one, the week of
3 July 17th, those will be virtual meetings for both the
4 CBOSG as well as the PAG; and then the following week,
5 again, the CBOSG and the PAG. The week of the 24th,
6 that will probably be a hybrid meeting like today.

7 We need all remaining comments on the work
8 study descriptions by the end of July, if possible.
9 Again, this is not the last time we're going to talk
10 about these subject matters, but for the purpose of
11 looking at the work study descriptions and the scope,
12 we would like for you to provide that input by the end
13 of July.

14 A summary of our PAG meeting today will be
15 sent out next week as well, so you should have access
16 to that. If you are on vacation or not available for
17 any of our July meetings, they will be recorded, so you
18 can pick up on those meetings if you need to and watch
19 at your convenience.

20 Don't also forget that you can always reach
21 out to us via e-mail, phone calls, letters, however you
22 would like to reach us. We are always available as a
23 team to take your input, and all of that documentation
24 from these meetings as well as any other input is going
25 to be submitted to the CPUC as part of the normal

1 SoCalGas quarterly report.

2 So that is, really, the next steps. The only
3 other thing I would like to mention is we do have a
4 post survey, which we're going to put up. There's a
5 board as you walk out. It has a QR code. If you could
6 just click on that and just give us your thoughts about
7 today's meeting, how we could make it better, we would
8 greatly appreciate that. We're trying our best to make
9 these meetings as productive as possible, and your
10 input would be greatly appreciated in that regard.

11 I should mention again -- there's the QR code.
12 If you want to participate in the tour that AltaSea is
13 providing, it's very interesting. People from the last
14 meeting participated and had a good time. If you could
15 meet outside of where you entered this actual hall,
16 there is an archway that you walked through where you
17 parked and walked through to get here. If you could
18 meet under the archway in the next, let's say, ten
19 minutes, that tour will begin. I think it lasts around
20 20 minutes, so you should be done around 1:00 o'clock,
21 if you want to participate in that.

22 So unless there's any input for the good of
23 the order, I just want to thank everyone for being here
24 today. I know I speak for everyone on the panel that
25 we really, really appreciate you guys coming, taking

1 time out of your busy schedules, and being thoughtful
2 about your input to today's meeting.

3 So with that, I'll just adjourn and thank
4 everyone for coming.

5
6 (Whereupon, the proceeding was adjourned at 12:39 p.m.)
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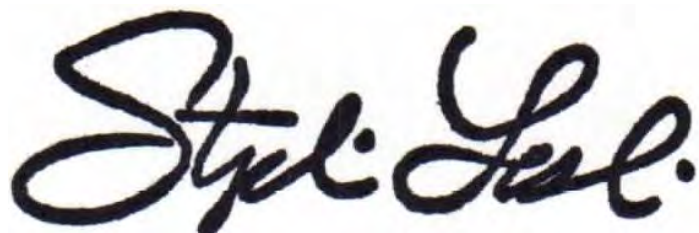
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The undersigned Certified Shorthand Reporter
of the State of California does hereby certify:

That the foregoing Proceeding was taken before
me at the time and place therein set forth.

That the Proceedings were recorded
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In witness whereof, I have subscribed my name,
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STEPHANIE LESLIE, CSR No. 12893

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In the Matter Of:

Optional Planning Advisory Group (PAG) Meeting

SOCAL GAS ANGELES LINK PROJECT

May 18, 2023

Case No:

Optional Planning Advisory Group (PAG) Meeting
SoCal Gas Angeles Link Project

Thursday, May 18, 2023

1:00 p.m. - 2:00 p.m.

Reported by:

Elaina Ruiz
CSR No. 14450

1
2 MR. BRITT: I want to welcome those who are joining
3 the Angeles Link Stakeholder Engagement Plan Webinar for the
4 planning advisory group. We're going to give everyone a
5 moment to get situated and get their computers linked up and
6 synched up to this webinar, and we'll start momentarily.
7 Thank you so much.

8 All right. We're going to go ahead and get started
9 today for the Angeles Link Stakeholder Engagement Plan
10 Webinar. This is for the planning advisory group. We want
11 to welcome each of you and thank you for taking time out of
12 your schedule today to participate with us in this important
13 webinar focused on the stakeholder engagement plan. Before
14 we get started we'll go over a couple of Zoom meeting
15 pointers.

16 Just to let everyone know, this meeting is being
17 recorded both video and audio, and a court reporter will be
18 transcribing the meeting. We had an earlier meeting this
19 morning with the CBOSG, there's our notice that the recording
20 is in progress, and for that meeting we did have translation
21 available. We should let you know as the PAG group we will
22 be providing translation if anyone needs it going forward
23 into our quarterly meeting session, you should just let us
24 know if that is something that you would like for us to
25 provide and if it's needed for you in particular, we just

1 want to make sure we provide that for you.

2 Microphones are muted to take out any background
3 noise. We would encourage you to turn on your cameras so
4 that we can better engage with you and see you. It's always
5 nice to see friendly faces. We would also want to encourage
6 you to use the Zoom chat to provide any input and ask any
7 questions throughout the agenda. The Chat function will
8 remain available throughout the meeting so you just type in
9 anything you would like to chat. If you would like to speak,
10 we would just ask that you please raise your hand so that we
11 can see that you're interested in speaking, we'll then be
12 able to unmute your microphone and you would do the same, and
13 then you should be able to speak to us.

14 We have built into the agenda opportunities for you
15 to speak, but again throughout the meeting if you think of
16 something that you'd like to say, you could either type it in
17 as a chat or raise your hand. We'll be able to see the hands
18 raised in the order that they're raised and then refer to
19 people as they would like to speak and allow you to do that.
20 We have an agenda today that is and anticipated to take about
21 an hour. We're going to have brief welcome introductions.

22 Again today's meeting is really focused on the
23 stakeholder engagement plan, which we sent out to you earlier
24 this week. So you should have a copy of that as a draft.
25 Hopefully you've had a chance to review that. The

1 organization of our slide deck today follows very much the
2 organization of that plan, so if you went through it and you
3 made notes, this should be very familiar in terms of the
4 slide deck and following the order and organization of that
5 document. We'll also cover other engagement options that we
6 have that we're going to consider as we go through this
7 process with you.

8 In addition to the quarterly meetings we think it
9 will be important to have opportunities for the group to also
10 dialogue in between meetings. We'll talk about the CPUC
11 quarterly report status and then we'll have a group
12 discussion and then we'll briefly talk about next steps and
13 adjourn our meeting.

14 So a brief look ahead before we get into this
15 stakeholder engagement plan just to let you know that at our
16 upcoming June quarterly meeting some of the possible agenda
17 topics will include an opportunity to go through the scopes
18 of work for the various technical studies that we are going
19 to be launching and that SoCal Gas is getting ready to get
20 moving with those technical teams. We want to give you the
21 opportunity to weigh in on those scopes and give us your
22 feedback and thoughts so that we can incorporate any of that
23 information as our technical teams begin to do their work
24 along with SoCal Gas employees.

25 We'll also have an opportunity to talk about

1 hydrogen safety. We'll talk about how we can make sure that
2 your thoughts are incorporated into our quarterly reporting
3 that's going out to the CPUC, how we're going to be doing
4 that, and any additional ideas that you have, we would just
5 encourage you to provide that June meeting agenda not only
6 needs of process but also any interest that you have.

7 Today's meeting, we will not be focusing on any of these
8 things. Today's meeting is to talk about the stakeholder
9 engagement plan and make sure we get your input before we
10 finalize that document.

11 So with that I'll turn it over to Emily.

12 MS. GRANT: Thanks, Chester.

13 Good afternoon everybody. I'm Emily Grant. I'm the
14 senior public affairs manager for Angeles Link, and I just
15 want to take a second to say thank you so much for your
16 participation today. We really, really appreciate it. I
17 also wanted to introduce both of my right hands, Chester
18 Britt with Arrellano Associates, he's your PAG lead, and Alma
19 Marquez with Lee Andrews Group who is the CBOSG lead. And I
20 also wanted to say too, well, with that we are your core
21 team. If you need anything at all from any of us, we are
22 here and available to help you. I wanted to say to you, that
23 in the interest of time for today we're going to forgo self
24 introductions, but that doesn't mean that we don't want to
25 hear from you. So if you could please drop a note in the

1 Chat, let us know that you're here, who you're representing,
2 and maybe something you want to get out of the meeting today,
3 that would be great. We'd really appreciate it, and we'll do
4 a more substantive self introduction in our June meeting
5 coming up on the 28th. But just thank you so much, we're
6 very excited and grateful to have you all here today.

7 MR. BRITT: All right.

8 So, again the presentation today is organized
9 similar to the Stakeholder Engagement Plan document that we
10 sent you. So you should have no trouble following along,
11 have that document open, and the slide deck should be
12 representative of that, and we'll pause occasionally to allow
13 you to weigh in if you have any thoughts, but there is a
14 session at the end as the agenda mentioned where we can have
15 a fuller robust dialogue about the entire plan.

16 I want to just start off by pointing out that we are
17 in the Phase 1 activities of potentially three phases. But
18 you can see the asterisk at the bottom. It does note that
19 subsequent phases 2 and 3 are subject to the CPUC's approval.
20 So the SEP document that we're going through today and
21 today's meeting and all of the series of quarterly meetings
22 we're going to be having with you is focused on Phase 1
23 Activities. The SEP document is a blueprint, essentially,
24 for how we're going to do our engagement. It's a road map,
25 if you will, as to how we're going to conduct our engagement

1 with you during the Phase 1 Activities. It also outlines
2 tools and techniques that we're going to need to both provide
3 education, information, as well as garner your input.

4 So think about it like a bridge we're building
5 between the technical process and the stakeholders, and on
6 one side of the bridge goes information and education about
7 the topics we're talking about, and on the other side comes
8 back input for you. It's very important that we build that
9 bridge so that it's a two-way bridge, and that we're
10 receiving information as well as giving information as well.
11 We also are designing the SEP document to be flexible. We
12 understand that there might be unforeseen things that we
13 don't anticipate. There might be challenges that come out of
14 the technical process that we need to have special meetings
15 about.

16 So although we have a plan and it is a good one and
17 we feel confident about it, we understand the plan needs to
18 remain flexible and we, in setting it up, designed it to be
19 that way.

20 We also want to make sure that we all understand
21 that this plan is consistent with the final decision. It
22 complies with the project's specific standards and activities
23 described in the final decision. It also identifies how
24 SoCal Gas and the planning process will and address the input
25 because again, we're not here just to hear from you, we're

1 here to not only hear from you, but take that information and
2 use it purposefully within the process we're going through.
3 We also understand that we need to have a process that
4 facilitates meaningful participation and input from a broad
5 range of stakeholders.

6 The stakeholders on this process are widely varied
7 and they should be. And there's a lot of different types of
8 stakeholders from Grasstops to Grassroots. And so we want to
9 make sure the process is equitable and it's designed fairly
10 for all the participants so that way we can hear from
11 everyone. And finally we want to facilitate project planning
12 transparency. So we want to be proactive in our
13 dissemination of information. We don't want to only be
14 reactive and give information when we're being requested of
15 it, but we want to make sure that the process is transparent,
16 that you feel confident that we're giving you information
17 early with your ability to weigh in, and then influence the
18 topics we're discussing.

19 So with that, I'll just pause before we get into the
20 actual meat and potatoes of the document. Are there any
21 thoughts so far, or are we good to just keep going? All
22 right. Seeing no hands raised, at least that I can see,
23 we'll go ahead and just keep going.

24 TYSON: Chester?

25 MR. BRITT: Yes. I'm sorry.

1 MR. SIEGELA: Sorry. This is Tyson. I'm
2 representing the Utility Consumers' Action Network. I am, I
3 just had a couple of pieces, sorry. Sorry. I didn't want to
4 miss my opportunity to comment here. I haven't taken a look
5 at the hand-raising function here yet. So in terms of the
6 consistent with the final decision, there have been a variety
7 of comments that stakeholders have provided to SoCal Gas that
8 lists concerns over whether or not everything that SoCal Gas
9 has done so far is consistent with the final decision, and I
10 just wanted to raise that as a point of interest from the
11 stakeholders that we definitely hope that SoCal Gas will take
12 a look at those and respond to those issues. I know that
13 there have been a few pieces that SoCal Gas has already said,
14 yes, we're taking a look at that, we're going to make some
15 changes to address that issue. And so I did want to make
16 sure that when we are going through the rest of the process
17 that those pieces that we have raised concerns about already
18 that those will be integrated. And, is that where you all
19 are at this point?

20 MR. BRITT: I would say the short answer to that is
21 yes. We obviously received your input and a I know for a
22 fact that internally that's been vetted, a lot of the things
23 you brought up and discussed have been vetted internally, and
24 I know that you've received some responses back as you just
25 alluded to. And hopefully those responses are satisfactory

1 to answering your questions or your comments or concerns.
2 Hopefully in the rest of the presentation you will see some
3 of that reflected in the presentation today as well. But
4 having said that, if there are specific things that still
5 linger after today's presentation at the end when we have a
6 dialogue, if you'd like to raise any other very specific
7 things that you think are still not complying with the final
8 decision or, you know, again, you're free to send further
9 emails or documentation about that.

10 Our goal is for it to comply. Our goal is for
11 obviously everyone to have a clear understanding of what the
12 final decision said as well as our compliance with it. So I
13 can clearly state that that's our goal, that's our intention,
14 that's what everyone is striving for. There might be
15 variances of understanding of what the final decision is
16 about and saying, and if that's the case I'm sure that SoCal
17 Gas will welcome those further conversations and dialogues to
18 discover what is the real intention of that. I know also
19 that the CPUC is on today's meeting, so I don't want to put
20 them on the spot, but I mean they're listening in to what's
21 going on. So they're very interested to hear from folks like
22 yourself and others as well. So hopefully today's meeting
23 will be informative for everyone and help begin to answer
24 some of those things you're talking about, but again, if
25 certain things are not being addressed in today's meeting, I

1 definitely would want to know what those are as the
2 facilitator to make sure that our client, SoCal Gas, is aware
3 of what those things are and we can make sure they're being
4 addressed.

5 MR. SIEGELA: Great, great. I appreciate that.
6 Then in addition to that you had mentioned transparency and
7 scopes of work. I know that's not what this meeting is about
8 but do you have a date by any chance that we will be
9 receiving those documents, or is that going to be
10 forthcoming?

11 MR. BRITT: I think the slide we just covered
12 basically referenced that the meetings that are being
13 planned, the regularly quarterly meetings in June, which is I
14 think for the CBOSG is the 22nd of June, and for the PAG it's
15 the 28th of June. Those meetings will be in person and our
16 intention is to have those meetings, essentially these
17 scoping meetings for as many as the technical processes
18 process as we're ready to have discussions with, and bring
19 scopes of work forward to the Planning Advisory Group so that
20 you guys have the chance to see what those scopes are before
21 those processes are initiated and have the ability to weigh
22 in and influence what is being planned to be done by the
23 technical consultant team over the course of Phase 1
24 Activities.

25 So I think that will give you the opportunity to do

1 that. Our intention would be as we're discussing to provide
2 information materials to you a week before that meeting. So
3 in the sense of the Planning Advisory Group that would
4 probably be a week before the 28th, which I think would be
5 the the 21st, something like that. So we would hopefully be
6 able to send you the agenda and all the details so that you
7 would have an opportunity to look at that. Again, we're
8 planning on having a four-hour day that day on the 28th in
9 person so it will be a very robust agenda with lots of
10 opportunities to slow down about each of the scopes of work
11 and spend time talking about each of those sections, if that
12 makes sense?

13 MR. SIEGELA: Yeah, absolutely. I appreciate that.
14 So then my understanding is that none of the contracts were
15 signed, and none of the work is ongoing at this point, and
16 we'll have an opportunity to weigh in on the scope of work
17 before that work gets started?

18 MR. BRITT: I don't know the details of the
19 contracts. That's out of my purview. I'll leave that up to
20 SoCal Gas to answer. But I do know that the whole point of
21 having the meeting and having it be a scoping meeting process
22 would be for you to influence the work before it gets too far
23 down the path so that it could be modified if needed.

24 I'll let Emily chime in with more if she wants to
25 weigh in.

1 MS. GRANT: Thanks, Chester. Hi, Tyson. It's good
2 to see you.

3 MR. SIEGELA: Hi, Emily.

4 MS. GRANT: First, I just want to say thank you for
5 all your participation so far. We really appreciate it. As
6 you know everything's kind of an on going process, so I don't
7 want to get too caught up in talking about the June meetings,
8 and I certainly would be happy to have that conversation with
9 you offline to make sure we're addressing everything, but
10 hopefully you'll see today that we have incorporated quite a
11 bit of the feedback you've already provided us. So hopefully
12 that's a good step in the right direction, and we're happy to
13 continue taking that to make sure that this is a
14 collaborative process that works for everybody. So I just
15 wanted to thank you for everything that you've done so far
16 and for helping us smooth over this process and continue
17 moving this forward.

18 MR. SIEGELA: Thank you. So I'll go ahead and wait
19 until the end of the meeting to ask any other questions
20 because I don't want to jump in.

21 MR. BRITT: Yeah. No worries. No worries. That's
22 why I slowed down because I knew there were going to be
23 people that were going to be eager to ask questions. So if
24 you have questions, that's why we're having the meeting
25 today, please.

1 All right. So the second section of the document is
2 the stakeholder governance. So that gets into the roles of
3 the different participants. SoCal Gas's roles to identify
4 potential members for the PAG and the CBOSG. Obviously it's
5 an interleaved process. It's not a closed process by any
6 means. So we have invited over 40 members, for example on
7 the PAG, and we're still welcoming people's input. I know on
8 the CBOSG it's exactly the same. Lee Andrews Group has been
9 working hard with them, and their group continues to grow.

10 The only caveat here is we want the groups to be
11 manageable; right? We can't manage a stakeholder advisory
12 group where we have 100 members or 200 members. It would be
13 chaotic. But we want them to be represented, we want them to
14 have the people that need to be and are interested in being
15 participants in the process. SoCal Gas has been instrumental
16 in helping to put that together. We've also seen their role
17 as being to convene and facilitate the content for the
18 quarterly meetings. You know as a facilitator my role is to
19 help the meetings go well and to process the meetings, but
20 their role is to provide content through themselves and their
21 staff as well as their technical consultants, and then make
22 sure we're doing a good job of documenting what's going on.

23 We also see their role as to make available the
24 technical studies and the data to the PAG and the CBOSG.
25 Again, we want to have a very transparent process. We do not

1 want to only provide information when it's requested. We
2 want to be proactive in providing that to you. We also see
3 their role is making sure that the process is transparent and
4 proactive, and that their role is also to coordinate the CPUC
5 energy division, and to comply with the fine decision.

6 As far as the PAG and the CBOSG roles, the PAG's
7 role is to provide technical input on all the technical
8 information and do it on an advisory basis and to collaborate
9 on project and development. So that was spelled out
10 specifically in the final decision and again, that's how we
11 see the role of the PAG unfolding as part of this process.
12 We also see the PAG role as being representative of the
13 stakeholders that you represent in Southern California, and
14 that that would cover a broad array of interests and
15 expertise.

16 We understand that for this process to be
17 meaningful it can't be one-sided. It has to be broad and
18 diverse. As far as the CBOSG role goes, that group
19 represents the community-based organizations along the
20 corridors of environmental social justice groups,
21 communities, churches, and school groups, and within the
22 context of that group their role and responsibility is to
23 advance the needs of the local communities and to include
24 access to resources, education, and community news. We had
25 this exact meeting with them earlier today, and I could tell

1 you it was very well attended and they're very interested in
2 the process.

3 And so it's exciting to see these two groups working
4 in parallel to move this process forward. So the guiding
5 principals of the time that we do spend together are going to
6 be founded on openness, transparency, communication, and
7 accountability to it's members. Not just to you, but to us;
8 right? As a facilitator, I know SoCal Gas embraces this as
9 well, we're asking each of you to embrace this. We want an
10 open transparent process. Transparency requires dialogue and
11 participation and a collaborative process. These meetings
12 only will be as productive as people are willing to have a
13 conversation, and then to recognize to have an equitable
14 process to provide equitable energy solutions, it has to be
15 diverse, it has to be across the board at every level of
16 stakeholder group that they are able to both be educated and
17 informed and then provide input into the process.

18 And then finally, the PAG and the CBOs are advisory
19 bodies; right? We're not voting bodies, but we're advisory
20 bodies and again, we're here to collaborate. Just like the
21 final decision says, we're here to collaborate, we're here to
22 get your input on to the technical process.

23 And then the engagement guidelines, these are a lot
24 of commonsensical things, but just quickly we'll go through
25 them, you know, actively participate in the review of

1 materials and discussion. You know, we're going to be
2 sending a lot of information out, and we would ask that you
3 take the time to read it and be prepared at these meetings so
4 that they can be productive, that we can get into the details
5 quickly. Also that the communication is open and that you're
6 curious and good listeners of others' opinions. Again, the
7 group is very diverse and there's going to be people that
8 don't think like everyone else. And so we want to make sure
9 that we're being good listeners, we're hearing everyone's
10 opinions, that we refrain from any personal attacks. These
11 are again, very common-sense ideas here that I think we
12 should all respect.

13 As the facilitator I would ask that you respect my
14 role. My role is to make sure the meetings are productive,
15 that we're keeping on the agenda, that we're meeting our
16 deadlines, that we're hearing from everyone, that we're
17 giving good information to you. So that is my role both in
18 front of you and behind the scenes, to make sure that that's
19 happening. Prioritize the involvement that you spend with us
20 and maximize it for all participants. So we know that
21 everyone's busy, we know that people have to multitask at
22 some level, but we would ask that when you're with us that
23 you're present as much as you can be. And then that you
24 respect the time limits for the agenda items.

25 We might get into calendar issues on agenda items

1 which are going to require us to continue them to the next
2 meeting. The good news is we're not having one meeting with
3 you. We're going to have a series of meetings over a year
4 and a half with you, and if we need to have special optional
5 meetings like today, we're going to do those as well. And
6 then finally to designate an alternate to cover if you're not
7 available. So to try to be fair and equitable, we want to
8 make sure that we have representation of all the groups we're
9 talking about, but we also can't afford for people to be
10 bringing five and six people to the meetings and then it
11 becomes unbalanced because of that. So we want you to come,
12 we need participation, but we're asking that groups be
13 represented by one voice at the meetings. And if you can't
14 make the meetings, make sure you have an alternate that comes
15 to represent in your absence so that it remains balanced as a
16 group.

17 And then finally, SoCal Gas's additional comments to
18 the PAG and the CBOSG are to actively listen, to record
19 feedback, to address questions and comments and concerns, not
20 to just hear them but to address them, and then review and
21 consider and learn from the advice that we're getting from
22 you. Again, this is meant to be an interactive process where
23 your input is influencing what's going on as well as our
24 education and information is influencing your input.

25 The meetings are tentatively set to vary between

1 virtual and in person. We had our March meeting which was
2 very well attended. It was a good meeting. This next
3 meeting in June is going to be in person, very excited about
4 the opportunity to meet you guys in person, shake your hands,
5 we're going to have some food there for breakfast and lunch,
6 we're going to break bread, we're going to network and have
7 the opportunity to spend some quality time together. It's
8 going to be important. Having said that, all of the meetings
9 that are in person will have the option of being webcast in
10 case you cannot make it, you will be able to still
11 participate virtually.

12 This slide I'll now turn over to Alma, and let her
13 go over the next three slides.

14 MS. MARQUEZ: Yes. Thank you, Chester.

15 So there is an application that we're asking CBOs to
16 submit to join the CBO Stakeholder Group. I want to thank
17 the CBOs that already submitted their applications. You
18 should have received an email from me on Monday that
19 officially welcomed you as a member of the CBO Stakeholder
20 Group. Now, I know some CBOs that are at this meeting were
21 also in attendance to the first meeting. So I'm mainly
22 referring to those folks.

23 And I'm excited to share that on behalf of our
24 project team that we have 22 CBO Stakeholder Group members to
25 date, so thank you for your interest and submissions. As you

1 take a look at this slide, I would like for you to note that
2 in our Quarter-1 report we received feedback from new PAG
3 members and other CBOs on the application process, which we
4 did incorporate into our updated application form. One of
5 those changes was removing the criteria that required CBOs to
6 have five years of community organizing experience, and we
7 will now be accepting applications on an ongoing basis until
8 we get to 35 organizations.

9 Just as a reminder the application is administrative
10 in nature and serves as a tool for us to know who you are,
11 and allows us to process payments. We truly wanted this to
12 be an inclusive process for our stakeholders to learn about
13 Angeles Link and provide feedback.

14 Next slide.

15 The SoCal Gas has been coordinating with the CPUC
16 energy division and PAG members to develop a plan and set of
17 procedures to compensate CBO Stakeholder Group members. The
18 CBO stakeholder Group members will receive \$500 for the
19 quarterly meetings and \$100 for the optional meetings.

20 Next slide.

21 And we have a payment timeline where we are going to
22 track and process all payments, and this will be done by our
23 group, the Lee Andrews Group. Feel free to reach out to me
24 directly for any questions on this process. And if anyone
25 has any questions on this, I'll send it back to Chester.

1 MR. BRITT: I don't see any hands raised, so we'll
2 keep going. Again, we'll have the option at the end to have
3 a fuller dialogue if we need to, but please, if you want to
4 raise your hand or chat any questions in the Chat, that would
5 be great.

6 All right. We're going to go now into the key
7 audiences. So the Planning Advisory Group is a
8 representative group. We've heard that mentioned over and
9 over again. You can see the wheel diagram. We had a
10 question in our CBO meeting about whether or not the size of
11 the circles meant anything. They don't mean anything. It's
12 just a graphic design representative of the different
13 industry groups and membership groups that are represented in
14 the Planning Advisory Group. And you can see that it's
15 intended to be very diverse.

16 If you look at the categorical things that are
17 listed here, and I won't go through every single one of them,
18 but you can see it ranges from academic research to
19 environmental to labor unions to heavy duty trucks, Arches,
20 rate payer groups, government agencies. It's a very diverse
21 group and it's meant to be diverse so that we can get the
22 opinions and the industry expertise that we need as a
23 planning advisory group to provide that collaborative input
24 and that technical advice that the final decision laid out.
25 You heard me also mention that over 40 people have been

1 invited, and again, if you think we need to add more parties,
2 we're welcome to hear what your thoughts are related to that.
3 Again, one seat, one alternate per organization, if possible
4 just again to keep things equitable, fair, and unprocessed.
5 And then opened to new members, as I mentioned.

6 MS. MARQUEZ: So similar to the PAG as Chester
7 mentioned, the CBO Stakeholder Group is also broken up into
8 the diverse sectors that represent the community members.
9 Here are the six different areas that we've been focusing on.
10 And again, we encourage the CBOs in all these sectors to
11 please submit your applications. As I mentioned earlier, it
12 is an ongoing basis until the stakeholder group reaches 35
13 organizations.

14 In my experience having a maximum of 35
15 organizations will give everyone a voice in the room to have
16 adequate and meaningful engagement. As Chester mentioned
17 before, we want to be manageable with our group. We feel 35
18 is manageable, and at this point we do have a diverse group
19 in these different sectors, and so if there is any
20 organization out there that you feel we should reach out to,
21 feel free to drop it in the Chat. I'll be more than happy to
22 follow up and make sure they get the application and the
23 information that they need.

24 So with that said, I'll pass it back to you,
25 Chester. Thank you.

1 MR. BRITT: All right. Thank you.

2 Moving right along. We're getting now into the
3 communication methods. So as part of this process we
4 understand that we're going to need to take a lot of
5 technical information and make it understandable to the
6 groups that we're representing through this process and to
7 the general stakeholders as well. These materials, they may
8 take on a lot of different forms, and this is just tools that
9 we have in our tool chest essentially; right? Things like
10 fact sheets, frequently asked questions, glossary of terms,
11 topical fact sheets that deal with maybe technical issues,
12 info graphics, presentation materials, videos, illustrations,
13 photos. This is not an exhaustive list.

14 If you think there are other things that would help
15 the process, we would welcome your input. But this is just,
16 again, tools that we have in our tool chest. I should also
17 mention that these tools and these materials in particular
18 are being worked on right now. Our goal is to have them all
19 updated on the Angeles Link website by our June meeting. We
20 have an Angeles Link website that's been in existence prior
21 to us even coming onboard, and that has very good information
22 on it about Angeles Link and what's going on, but through
23 this process we're going to be updating things and that will
24 continue. Those updates will continue as we go forward.

25 In terms of the tools and techniques, the methods

1 that we might use to both disseminate information as well as
2 to gather your input as well, the website I mentioned is one
3 way that we're going to do that. It will be a true portal
4 for all documentation related to this project. It will also
5 be through the meetings that we're having, these quarterly
6 meetings that we're going to be setting up. The interactive
7 tools of digital engagement ideas that we have, we have a lot
8 of them. We're going to be doing demonstrations with SoCal
9 Gas as a consultant team about different demonstration
10 digital tools that we think could be very useful for this
11 process. We're looking for opportunities to engage with you
12 not only in the quarterly meetings but what I'll call
13 mid-cycle, in between the meetings. I also know that the
14 staff correspondence has been a vital way of communicating
15 with you guys as well.

16 I know people like Tyson and Theo and others have
17 reached out to Emily one-on-one, and that process has been
18 tremendous. It's been encouraging to see people's interest
19 and being able to have those dialogues back and forth.
20 Project email and then surveys. Again, we're going to do
21 surveys a lot of different ways. We'll do surveys in
22 meetings so that it helps me as a facilitator facilitate the
23 group discussion. You know, it's hard sometimes to hear from
24 40 people individually one at a time. Sometimes you do a
25 survey and you can get results that lead to more meaningful

1 discussion about why people felt that way or whatever. And
2 so we use it in a variety of ways. We also might use surveys
3 mid-cycle, right, outside of our meetings while we are going
4 through technical things or we need to weigh in and get input
5 from you guys as a group.

6 We might do a mid-cycle survey at some point. So
7 we'll use the different tools in the tool chest however we
8 can to both provide information as well as garner your input.

9 The engagement program that we're going through with
10 you is pretty defined. We're going to be doing quarterly
11 meetings through the middle of next year. The agenda and
12 supporting materials are going to be provided at least one
13 week prior to the quarterly meetings, and up to 72 hours in
14 advance for the optional meetings like today, we will do it
15 sooner if possible. A lot of times things are happening in
16 real time behind the scenes with the technical process. So
17 we're beholden to that in a lot of ways for our content. So
18 we're going to do our best to get you information as early as
19 we can so that you can come to the meetings prepared. As I
20 mentioned, the meetings themselves will provide an
21 opportunity to us to bring subject matter experts into the
22 process so we can hear from folks that are experts at
23 different technical issues that are related to what we're
24 talking about, and also we'll have interactive exercises and
25 a facilitated dialogue and other things meant to garner

1 valuable input into the process. Meetings are also, oops.
2 One more. Sorry. Tentatively planned to alternate between
3 in person and virtual, but all in-person meetings will also
4 be webcasted as an option.

5 These are the topics for discussion we presented in
6 March. We added one, supplier diversity. I can't remember
7 who was the person that chatted that at our last meeting, but
8 we added that to the list. We are listening. We want to
9 hear what you have to say. I think this is a broad range of
10 topics, and we are going to cover them. We're not going to
11 cover all these topics at every single meeting. That would
12 be counterproductive, it wouldn't be possible. It would be
13 chaotic, I think, to do that personally, but we might do them
14 in packages of things because of the process that we're going
15 through technically where things are in terms of delivery of
16 those documents and those drafts and the technical work
17 that's being done.

18 And so these things will be spaced out and we might
19 come back and forth into subject matters as well. So again,
20 through the process you have to be patient with us to
21 understand that we're not meeting once. We're going to meet
22 six times, maybe more, and if we do that, we're going to get
23 through all of this and we're going to do it in a very
24 informed way where you're participating with us. And if we
25 need to cover ground again or expedite things, we can do that

1 as well. So it's an interactive process meant to do that
2 with you involved.

3 The stakeholder input. So we keep talking about the
4 fact that we want your input, what are we going to do with
5 it? How are we going to gather it? Well, all of our
6 meetings are being transcribed by a court reporter to
7 document all the input that we're getting from both of our
8 meetings. There's a court reporter here today who is doing
9 that as well. The surveys and interactive exercises, as I
10 mentioned, are designed to be qualitative tools. They're not
11 scientific surveys, but they're meant to help me as a
12 facilitator get discussions going about certain topics.

13 Hearing 40 people at once and having real time results and
14 pie charts and graphs and things appear on the screen is very
15 helpful to move the discussion to relevant topics.

16 It's also available to you to send letters, emails,
17 phone calls. Emily Grant is amazing, and she is available to
18 talk to you and I know that she welcomes it and I know that
19 she does a good job responding; right? So that's also an
20 option for you. And we'll talk a little bit more about the
21 thematic responses that we're going to maybe unfold here
22 today at the meeting and how we're going to do that. The PAG
23 and the CBOs' input and other meeting documentation will be
24 incorporated into the quarterly progress reports that are
25 given to the CPUC. So again, it's not that your information

1 is just being collected just for the sake of collecting it,
2 it's also going in front of the CPUC as part of their
3 quarterly reports and also to their technical consultants for
4 consideration.

5 So their technical consultants have scopes of work,
6 as you heard Tyson mention, you guys and me as well, you guys
7 are going to have an opportunity to look at those scopes of
8 work, influence what's in them, and then make sure that the
9 results of those are being communicated to you, and then your
10 inputs are all involved in that process as well for their use
11 and their work.

12 All stakeholder input will be documented and
13 maintained. That's a simple final statement to just say
14 that, no matter how we get your input whether it's verbal, on
15 the Chat feature here, in writing in a letter, on a phone
16 call, however we get it, we're going to do our best to
17 document it and make sure that it gets into the record so
18 that everyone can see.

19 So finally one more point on documentation, this
20 kind of just wraps that idea up, we are keeping meeting logs,
21 calendar of events as special events come up that we
22 participate in, if any, stakeholder comment logs are being
23 kept. Those will be delivered at the end of the process.
24 The summer reports that come out of all of our meetings are
25 going to have information in them about the topics we

1 discussed, the photos and screenshots that capture the mood
2 and the way the meeting looked and felt, attendance sheets,
3 project collateral and tools that we used in the meetings,
4 input and questions we received, court reporter transcripts,
5 Zoom recordings. Again, we're trying our best to make sure
6 that we miss nothing and we capture everything. And then
7 finally all of that's going to be given to SoCal Gas and the
8 technical consultants.

9 All right. We're almost done, and then we're going
10 to get into the dialogue, other engagement options. During
11 this last go-around after March, we received comments from
12 people like Tyson and Theo and others, and we noticed that
13 there was some things that were common between all of the
14 people that were reaching out to us. And so it occurred to
15 us instead of just responding one-on-one to everybody every
16 single time, which could be a very laborious process, in
17 addition to that why don't we collect all the inputs we're
18 getting and create thematic bulletins that we can send out
19 mid-cycle and that way the whole group can benefit from those
20 discussions. It might not have been your opportunity to send
21 that question or that thought but maybe you had the same one,
22 you just didn't have an opportunity to send it yet. And so
23 the benefit of the group is that everybody gets to see what
24 people are asking about and then our responses back to those
25 things. And our intention is to keep this going so that it's

1 very productive for the entire groups, and we think it'll be
2 a great way to kind of keep the process fluid as we go from
3 meeting to meeting and so that you're not only getting the
4 opportunity to talk to us in the meetings once a quarter, but
5 you're also getting the opportunity to weigh in and have your
6 input reflected in our communication throughout the entire
7 group.

8 MS. GRANT: Hey, Chester, you have --

9 MR. BRITT: Yes?

10 MS. GRANT: Sorry. I didn't mean to cut you off
11 there. You have a couple hands raised. I didn't want them
12 to miss out.

13 MR. BRITT: Okay. Yeah. As soon as I finish these
14 bullets, I'll get to those.

15 MS. GRANT: Okay.

16 MR. BRITT: So we'll also do optional virtual
17 meetings like today, and then we mentioned the Angeles Link
18 website collateral materials and then other ideas. So now,
19 let's get to the hands raised. I think Jack, I don't know
20 who raised your hand first, but I see your hand raised, so go
21 ahead.

22 MR. BROUWER: Thank you very much. I had a question
23 at the very, very beginning actually of the presentation that
24 I want to get back to --

25 MR. BRITT: Uh-huh.

1 MR. BROUWER: -- and it's mainly associated with the
2 process because you mentioned three phases of this effort,
3 and I'm curious about the CPUC approval and whether or not it
4 would involve asking for a ratepayer funding for any one of
5 these phases, or are these three phases all a part of the
6 accounting for shareholder funding for this effort?

7 MR. BRITT: I'll let Emily answer that to be safe.

8 MS. GRANT: I was going to say, I was going to give
9 that one to Jill, if she'd be willing to take that.

10 MS. TRACY: Hi everybody, and good afternoon.
11 Welcome, Jack. Thank you for joining us. So the original
12 memo account application contemplated three phases. The
13 CPUC's final decision only approved for Phase 1, the initial
14 feasibility studies. So right now our Phase 1 studies are at
15 play. We, pursuant to the final decision, we have a series
16 of technical studies to produce, and then present that in a
17 subsequent filing before we get to Phase 2.

18 MR. BROUWER: Thank you very much. So my
19 understanding then is that all three phases were part of the
20 original application for a memo account but only one of those
21 were approved so far?

22 MS. TRACY: That's correct.

23 MR. BROUWER: Okay. Thank you very much. That's
24 helpful.

25 MS. TRACY: Thank you.

1 MR. BRITT: You're welcome. And then, I think,
2 Marna, I see your hand raised.

3 MS. ANNING: Yeah. Good afternoon, everyone. Marna
4 Anning staff attorney with The Utility Reform Network. I do
5 have quite a few points that I wanted to present based on the
6 presentation that went forward. I will take, I will do my
7 best to not take a lot of time. I wanted to listen to the
8 full presentation before providing feedback in case some of
9 my questions were answered ahead of time. So with that I
10 just wanted to go back to the initial outset of the
11 presentation and the discussion about receiving technical
12 expertise from experts and for the participants of the
13 planning advisory group. Our concern is that PAG's technical
14 input should not supplant SoCal Gas's responsibility to
15 conduct its own technical analysis. It is our understanding
16 that advisory group members will actually be providing input
17 into SoCal Gas's analysis that's already been done. And so
18 while the decision asked for incorporation of PAG input and
19 PAG member technical expertise, just wanted to emphasize that
20 we will be expecting to see the analysis that SoCal Gas is
21 conducting and be able to respond to that analysis as well.

22 Also on that note, a concern about technical input
23 not being formulaic. There's 33 CBOs. Not all of them have
24 the technical expertise to provide, for example, extensive
25 reports and things of that. And so to allow room for other

1 forms of technical input that are based on gathered surveys,
2 data, anecdotal stories, and experiences especially with
3 regard to the environmental and social justice impacts of the
4 project.

5 That being said in the course of providing technical
6 input, there will be policy issues that arise and so one of
7 the concerns is making sure that those policy issues are
8 noted and that this would not be the forum to address those
9 issues, and those policy issues should be called out in the
10 respective reports mainly because the CPUC would have to, of
11 course, provide input and also adjudication on policy issues
12 that do arise and that this does not become an opportunity
13 for back-and-forth arguments about policy issues that would
14 be better resolved at the commission.

15 The other concern with, and also suggestion with
16 receiving input from PAG members is identifying one of the
17 things that TURN is interested in as a result of the
18 proceeding is identifying the relative metrics and
19 environmental and social justice benchmarks that would be
20 used to determine the environmental impact of the project.

21 And so we would like to see some collaboration
22 around identifying and developing those metrics
23 substantively. And so that really bundles a lot of our
24 concerns about the technical engagement, and moving onto, and
25 I'm really trying to keep this brief but there were quite a

1 few things.

2 MR. BRITT: Marna, can we just address what you've
3 already brought up real quickly already?

4 THE WITNESS: Actually, it would be great if you
5 could take notes and then respond because I have quite a few
6 items, and I don't want to take up too much of the time in
7 case other stakeholders want to respond. Is that okay?

8 MR. BRITT: Sure.

9 THE WITNESS: Okay. Good. So moving onto
10 addressing stakeholder concerns. Thank you very much. You
11 did provide a comprehensive overview on how you intend to do
12 that. But I'm hoping to receive some more input from you on
13 spelling out exactly what that means. So does that mean that
14 SoCal Gas will modify its plans, for example, based on
15 technical expertise that's been received because that is one
16 of the itemized points in the decision or in the order that
17 SoCal Gas has to describe how it has incorporated stakeholder
18 feedback.

19 So just getting a little bit more clarity on whether
20 that's an option or whether it's more SoCal Gas will take the
21 input, review the input, and then make a determination
22 independently on how to respond? That leads me to just the
23 last couple of items which is, you know, making sure that
24 planning advisory group members are updated on milestones
25 towards the completion of Phase 1, providing clear

1 information regarding progress on federal funding. I did not
2 see that on the list, and then also progress on participation
3 in Arches, I think that's the correct way to A-r-c-h-e-s,
4 basically the state-funded effort to obtain federal funding.
5 And then very concerned about receiving agendas and
6 supporting materials only a week in advance. Many of the
7 intervenors have other proceedings at the CPUC that we are
8 engaged with, particularly general-rate cases as you know.
9 And so receiving technical materials, policy, you know, any
10 materials including data and things like that within a weeks'
11 time and sometimes within three days' time to respond is not
12 enough time. And I think I speak for myself and other
13 stakeholders that we would prefer to see it for SoCal Gas to
14 make the effort since we're meeting quarterly and there are
15 several months in between to make the effort to provide the
16 materials well in advance, maybe even two weeks, two weeks at
17 the minimum, maybe even three weeks in advance for
18 stakeholders to be able to prepare, to provide meaningful and
19 substantive input into the process.

20 And then finally, I keep saying finally but there
21 were quite a few things but I will truncate my list. With
22 respect to CBO compensation, I think it's important to
23 delineate that there are CBOs that are being compensated
24 through the CBO compensation process and that there are
25 intervenors that are participating that are being compensated

1 through the intervenor process and have a different role.
2 And so I'm looking to hear SoCal Gas's feedback on, you know,
3 delineating between intervenor participation and CBO
4 participation with respect to the proceeding and making sure
5 that that is captured in the proceeding. I will reserve the
6 rest of my comments because I know I provided you with a full
7 plate, and I can take my responses offline. Thank you.

8 MR. BRITT: Thank you. So that was a good set of
9 questions, and I will just, they were broken up into like
10 three or four categories and maybe working backwards might be
11 the simplest way to do it because of the categories of things
12 that you brought up. I wanted to --

13 MS. TRACY: Chester?

14 MR. BRITT: Yes, please.

15 MS. TRACY: I don't mean to interrupt but we only
16 have eight minutes left.

17 MR. BRITT: Right.

18 MS. TRACY: Marna, I really, really appreciate it.
19 I did take thorough notes, and I'm sure everybody else did as
20 well. But I'd like to see if other folks have some questions
21 as well. And are we through with the presentation, Chester?

22 MR. BRITT: We have one more slide.

23 MS. TRACY: Okay. So if we could maybe just get
24 through the deck and then see if other folks have questions
25 and then--

1 MR. BRITT: Absolutely.

2 MS. TRACY: -- so we can address some of Marna's
3 comments. We're happy to do so, and then we could also
4 address it offline as well.

5 MR. BRITT: Sounds good. All right. Go ahead
6 Emily.

7 MS. GRANT: Thanks, Chester. Quickly

8 Marna, thank you so much for all of your comments. And I
9 wanted to say to you, I hear you on the premeeting materials.
10 We'd love to have them two weeks in advance. That's our
11 goal. We put one week because we think that's possible but
12 obviously we're collaborating with a lot of different
13 departments and a lot of different people so it's quite a bit
14 to put together. If I can do two weeks, I absolutely will,
15 that is completely my goal. So I just wanted to say I hear
16 you and I am with you on that, and I'm going to do my very,
17 very best to get everything out as soon as I possibly can. I
18 completely understand that.

19 I wanted to take a moment to touch on the quarterly
20 report. You'll see that last week SoCal Gas submitted its
21 first Angeles Link quarterly report to the CPUC. The QR code
22 works here if you want to link directly to it, it's also
23 posted on our website. So this report included all feedback
24 received from stakeholders in Q-1 as well as our response
25 document. And you'll see, too, in all the appendices I think

1 that there's going to be a lot of information there that
2 folks are looking for including both meeting summary reports
3 that have the attendance lists, our invite lists for both
4 groups. So a lot of information that folks are looking for I
5 think are in those appendices. If you can't find something
6 you're looking for, please reach out to me. I'm happy to
7 help you with anything that you might need.

8 Moving forward this was feedback we received that I
9 think is critical for the success of the entire Stakeholder
10 Engagement Process, and as we approach our June meeting we're
11 going to have a proposal for you that outlines exactly how we
12 plan on receiving your comments. And so that will include a
13 timeline of when we could last receive a comment for it to be
14 included in the quarterly report, and just a little bit more
15 of a systematic type approach to how we're going to perceive
16 those comments. That was some feedback we received that I
17 thought was, it was just really well received on our part.
18 And again, I think it's really, really important, it's going
19 to be key to how we approach the Stakeholder Engagement
20 Process. So again, it's just a proposal that we'll bring to
21 you in June. So that means it will be ready for your input.
22 We want to make that process collaborative. If you have any
23 ideas on how that could best work now, I am all ears. So
24 please just give me a call or shoot me an email and I'd be
25 happy to chat with you about that. So that's just something

1 we're working on so we can get that nice and clear for
2 everybody moving forward.

3 Thanks Chester.

4 MR. BRITT: All right. Thank you. So that gets us
5 to the group discussion, and Marna kicked us off with a good
6 set of questions there. As Jill mentioned, we do have five
7 minutes so we want to make sure we get all of your thoughts
8 or questions if you have any, and if we have to circle back
9 offline, we can do that. But we want to make sure we exhaust
10 any other inputs that we have before starting to answer some
11 of those if we need to. So if you have a question, raise
12 your hand or you can type it into the Chat box and we can get
13 started. But while you're doing that I think we can start
14 to, I think I heard a question about the CBO compensation
15 versus the intervenors' compensation that goes through the
16 CPUC, so maybe Emily and Alma, you guys can weigh in on those
17 two. I know there's a difference between the two, and we
18 want to just make sure that's clear.

19 MS. GRANT: Sure. I can take that.

20 So intervenors or parties to the proceeding for the
21 Angeles Link account are entitled to compensation through the
22 PUC for the California Public Utilities Commission and their
23 intervenor compensation program. CBOs otherwise who are
24 participating in our CBO stakeholder group are eligible for
25 compensation through SoCal Gas. Like Alma had mentioned,

1 it's \$500 per meeting. The going rate after we did some
2 research and looking at what the State's rate was, it's about
3 \$150 an hour. Our meetings are going to be about two hours
4 for the CBO stakeholder group. We'll be offering a
5 continental breakfast early, if they want to come early for a
6 little bit, and then a lunch option following the meeting.
7 They're welcome to stay and eat with us or they can
8 grab-and-go if they need to be on their way. We did quite a
9 bit of research into the compensation and we also connected
10 with some CBOs independently to see. We of course don't want
11 to overtax them. We know that they're fighting within for
12 their own organizations. So two hour meetings at that
13 compensation rate was where we landed, and for these sorts of
14 optional virtual meetings for those who participate, we'll be
15 compensating them, SoCal Gas will through our compensation
16 program if they're not an intervenor at \$150 an hour.

17 MR. BRITT: Great. Okay. So some people have
18 raised their hands now. Tyson, I think you were the first
19 one to raise your hand again. So if you would like to unmute
20 yourself, you should be able to speak.

21 MR. SIEGELA: Yes, I had a comment on the CBO
22 participation. There was a mention of limiting to 35
23 organizations. The final decision states that any
24 organizations that are impacted by the Angeles Link would be
25 organizations that should be able to have their voice heard

1 through this process, and so I just wanted to flag that as an
2 issue. In the presentation the discussion on surveys, I had
3 mentioned that surveys were a difficult way to collect
4 information, and I mentioned in my feedback to SoCal Gas that
5 when surveys are being provided/presented that it's very
6 important to have both sides of an issue be surveyed. For
7 instance, in the first meeting the benefits of hydrogen were
8 asked about, the disadvantages of hydrogen were not asked
9 about. Without having both sides, it's very difficult to
10 collect information. I would recommend surveys not be used,
11 but again that's just a recommendation.

12 Virtual meetings versus in-person meetings. It
13 would be great if all of the meetings were virtual with an
14 in-person option because if they are set up as in person,
15 then the virtual is going to be less emphasized. And based
16 on the feedback in the first meeting, it looked like the
17 majority of people were comfortable with virtual, if not
18 preferring virtual. So I would make that recommendation.

19 Fact sheets. There were a variety of things that
20 were presented in the first planning advisory group meeting
21 that were inaccurate within the slides. I know that Cal
22 Advocates, Sierra Club, and others have provided a lot of
23 information within the proceeding itself, and information
24 that directly rebutted the information that was presented by
25 SoCal Gas in the first planning advisory group information

1 that was presented as fact by SoCal Gas. And so when the
2 information is presented, it would be great if the
3 information were to state that this is an opinion of SoCal
4 Gas if that is, in fact, the case.

5 And then finally for the meetings going forward.
6 SoCal Gas has a lot of opportunity to provide documentation
7 beforehand, and the planning advisory group members or CBOs
8 have the opportunity to read all that information. And then
9 within the meetings themselves, it would be great if there
10 was a 70 percent/80 percent split in terms of 20 percent
11 SoCal Gas talking, 80 percent hearing from advisors because
12 that really would be beneficial in terms of getting all of
13 our information to you. And with that I'll go ahead and
14 close my comments. I see that there are others who want to
15 comment as well.

16 MR. BRITT: All right. Thank you, Tyson. Arthur?
17 Can you hear me? Yeah. There you go. It looks like you
18 unmuted yourself, but we cannot hear you.

19 MR. FISHER: How's that?

20 MR. BRITT: There you go. We can hear you now, yes.

21 MR. FISHER: Great. Just to clarify points, you
22 flashed up an agenda for the first June meeting. Other than
23 that slide, where is it available at this point and time?

24 MR. BRITT: We haven't sent out the meeting
25 save-the-date notice with the agenda yet. So we're intending

1 to do that shortly. We've been working behind the scenes
2 with the technical team to see what would be available for
3 content for that meeting, so that's coming soon.

4 MR. FISHER: So okay. So there's two parts to that.
5 One, I understand you're going to make technical information
6 available one week before the meeting. As the previous
7 speaker said, we'd really encourage you to do more than that
8 2, 3, 4 weeks before the meeting. That's what we said. As
9 to the agenda I have technical people I would want to line up
10 for a meeting especially because I saw you have safety as one
11 of the first priorities there. Can you give us a better idea
12 of how fast the agenda is going to be available rather than
13 soon? I understand there's things you have to keep in mind
14 that would be 4,5,6,7 weeks in advance would be really
15 useful, No. 1. And No. 2, how are the priorities on that
16 agenda set at this point and time? How did we decide that
17 that was the agenda was probably my question. Is that
18 something I missed in the last meeting?

19 MR. BRITT: About how the agendas of the future
20 meetings are going to be set?

21 MR. FISHER: How the agenda of the June meeting was
22 set and then subsequent meetings, yes.

23 MR. BRITT: I'll let Emily or Jill answer that?

24 MS. GRANT: Yeah, I can answer that. And then also,
25 too, I just want to note the time. So if anybody had a hard

1 stop at 2:00, we're there. We're trying to look at, through
2 a variety of different things, based off of feedback we
3 received from our stakeholders, so we got the sense that
4 hearing from the experts on the scopes of work would be
5 something that would be pretty relevant to the group and
6 would be a good way to sort of kick off our real first
7 in-person meeting with something substantive. We thought
8 safety would be something that the group or public would hear
9 straightaway. Obviously our top priority at SoCal Gas is
10 safety. It always has been. We have a long-standing track
11 record that safety is at our top, top priority. So that
12 makes a lot of sense for coming out with that topic. Other
13 than that, I think you'll see on the slide that we used the
14 word "possible topics for June." We're happy to take some
15 input, Arthur, if you think that there's something that we're
16 missing. I can't stress enough how collaborative we want
17 this process to be. We certainly don't want to be setting
18 agendas behind the scenes and then not offering the
19 opportunity to weigh in. So if there's something you want to
20 see, we're open to that consideration for that item.

21 MR. FISHER: Okay. So we are where we are. Okay.
22 I mean, is it feasible just to do a live vote for topics in
23 future meetings ahead of time so we roll out forward with
24 certain content standing effectively, a standing item in the
25 one quarter from identifying what we're doing in the next

1 quarter. Something along those lines so we actually get a
2 full transparenting look from all the PAG technically.

3 MS. GRANT: We're happy to take a survey and take a
4 poll for what the PAG's thinking. We certainly can't commit
5 to always putting those items on the agenda, perhaps there's
6 something else that we feel might serve you better. So you
7 know it's a collaborative process again, we want to take your
8 word and then also kind of give you what might be relevant to
9 you.

10 MR. FISHER: Okay. I'm just thinking of how you
11 make this more transparent that way we're actually selecting
12 what needs to be prioritized in the meeting. That's all.

13 MS. GRANT: Sure. We can have that conversation for
14 sure.

15 MR. FISHER: Thank you. Those are my two
16 observations.

17 MR. BRITT: Thank you for that. And then Tyson, did
18 you reraise your hand or is it still left over from your
19 first time?

20 MR. SIEGELA: I did. I just wanted to second what
21 Arthur was saying. It would be great to hear from, for
22 instance, SoCal Gas's experts on safety and other issues
23 related to hydrogen. I think it would also be helpful to
24 hear from experts throughout the PAG. There's a large group
25 of expertise that is collected, and having presentations from

1 those groups would be really beneficial, I think.

2 MR. BRITT: Absolutely. All right. I don't see,
3 okay. Marna you've raised your hand again?

4 MS. ANNING: Yeah. I just want to second what
5 Arthur and Tyson have presented, and then I have one small
6 addition. One is to, you mentioned that future meetings
7 would be webcast. I second Tyson's recommendation about
8 having them be remote meetings with an option for in person,
9 and also to add that they not be webcast but that they would
10 allow for participants to engage with the material. I
11 understand the webcasting has a limitation where participants
12 can't engage. They essentially have to watch the
13 conversation happen, and so I wanted to emphasize that all
14 meetings be made available remotely with the opportunity for
15 participants to actually engage with the materials either
16 through the Zoom platform or Webex or other means.

17 The other point that I wanted to emphasize had to do
18 with how technically the parties' input is incorporated into
19 the quarterly report. It's very difficult right now based on
20 the last quarterly report for me to ascertain what the
21 parties' input was, and so my recommendation is that parties
22 that provide input into the quarterly report do so in a
23 method that can be attached to the quarterly report instead
24 of transcribed because I think that at least for me some of
25 the information was lost in translation, and I think SoCal

1 Gas did a fair job of trying to explain what the parties'
2 input was, and I understand that's in part due to the
3 responsibility to incorporate that input or indicate that you
4 understand that input or have received that input. But I
5 would prefer, and I don't know if there are other parties
6 that have this preference, that if a party does provide input
7 in the form of a report or in the form of a letter or a
8 survey, whatever, that that actual document be attached to
9 the quarterly report as opposed to transcribed because I want
10 to make sure that we're getting the information exactly as
11 it's provided to SoCal Gas for transparency purposes. So
12 those were the two points that I wanted to incorporate. And
13 thank you for your time.

14 MR. BRITT: So I'll briefly respond to the webcast
15 issue. The webcast, it will be an interactive webcast where
16 people can participate in real time just like you're in the
17 room. We've done that for other projects that we work on as
18 a consulting team, and so that was always our intention. It
19 will not be a one-directional webcast, it will be
20 interactive. So people remotely or in person will have full
21 participation opportunities, if that makes sense.

22 MS. GRANT: Thank you, Chester. I think that's a
23 perfect segue into wrapping up our meeting. We're super
24 excited to see everybody on June 28th. Those meeting details
25 for a place are forthcoming, but thank you again for your

1 participation and your involvement today. This process
2 doesn't work without you. So we really appreciate it, and
3 we'll see you in June. Thank you, everybody.
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CERTIFICATE
OF
CERTIFIED SHORTHAND REPORTER

* * * * *

The undersigned certified Shorthand Reporter of the
State of California does hereby certify:

That the foregoing Proceeding was taken before me
at the time and place therein set forth.

That the testimony and all objections made at the
time of the Proceeding were recorded stenographically by me
and were thereafter transcribed, said transcript, being true
and correct copy of the proceedings thereof.

In witness whereof, I have subscribed my name, this
date: May 18, 2023.

Elaina R. Ruiz

Elaina Ruiz

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APPENDIX 8 – THEMATIC RESPONSE

Thematic Responses to Feedback Received During Stakeholder Engagement Meetings

SoCalGas is appreciative of the stakeholder comments and feedback received during our governance focused meetings held on May 18 and our second quarterly meetings held in June for both CBOSG and PAG members (June 22 and June 28, respectively). Provided below is a thematic compilation of second quarter stakeholder feedback and our initial responses. We hope our responses will help all stakeholders better understand the proposed Project and SoCalGas's ongoing Phase One study development process.

PAG MEMBER FEEDBACK

Speed of Phase One Studies

Feedback: Some PAG members inquired about the status of the Phase One work and whether PAG members would have an opportunity to weigh in on scopes of work before the studies commenced.

Response: We appreciate the comments raised by some PAG members regarding the timing of Phase One studies and opportunities for stakeholder input. In response to this feedback, SoCalGas has implemented a stakeholder feedback process to provide stakeholders Phase One study work descriptions, technical approach, preliminary findings and data, and draft reports through April 2024. The Decision was clear that “[b]ecause of ... potential public interest benefits, the confluence of current events, including recent federal legislation, regional initiatives, and local interests, it serves the public interest for SoCalGas to perform feasibility studies of the Project immediately.”¹ Thus, we have moved with expedience to begin the initial phases of these feasibility studies, which largely consist of information gathering and desktop studies that need to be conducted. That said, we understand the importance of thorough review and collaboration with the PAG and CBOSG and may adjust the timeline for distribution of study materials and gathering feedback if certain Phase One studies advance ahead of schedule. Please see section III of the Quarterly Report for a summary of actions SoCalGas has taken in response to stakeholder feedback, including opportunities for stakeholder feedback. We will continue to work closely with the PAG to obtain meaningful input.

Affordability of Hydrogen

Feedback: Affordability was a significant topic of interest among PAG members. Members discussed the importance of making hydrogen accessible and affordable to end users. Some members commented about the current rates of SoCalGas and emphasized the need to ensure that the costs of the proposed Project do not burden ratepayers.

Response: We appreciate PAG members highlighting the significance of making hydrogen accessible and affordable to end users. Project costs and affordability considerations will be integral parts of several Phase One studies, including the cost-effectiveness analysis. According

¹ Decision (D) 22-12-055, p. 16.

to the Department of Energy, “[b]uildout of new midstream infrastructure will reduce the delivered cost of hydrogen to improve the business case for more nascent end use applications (e.g. fuel cell-based transportation).”² Angeles Link is in alignment with DOE studies as the objective of Angeles Link is to develop a hydrogen backbone transportation system that would deliver clean renewable hydrogen at large-scale, and as a result lower the cost of hydrogen and make it more affordable for the end user.

Exploration of Hydrogen Blending and Pipeline Infrastructure

Feedback: PAG members showed interest in exploring the possibility of hydrogen blending as an intermediate step, utilizing existing natural gas pipeline infrastructure. They suggested considering hydrogen separation technologies to enable the transportation of hydrogen to end users as a blend with natural gas in existing natural gas pipelines.

Response: We appreciate the PAG's interest in exploring the possibility of hydrogen blending in existing natural gas pipeline infrastructure. It is a valuable avenue that aligns with our ASPIRE 2045 sustainability goals. That said, hydrogen blending is outside the scope of the proposed Angeles Link Project. We will carefully consider the suggestions regarding hydrogen blending and separation technologies to potentially use our existing infrastructure to deliver hydrogen as they may be applicable in other proceedings.

Exploration of Complementary Alternatives

Feedback: PAG members emphasized the importance of considering alternative clean energy options that complement hydrogen. They discussed the potential of electrification, energy efficiency, renewable natural gas, carbon management, and other forms of energy storage as alternatives to achieve clean energy goals.

Response: We appreciate the PAG emphasizing the importance of considering complementary clean energy alternatives alongside hydrogen to meet our climate goals during our quarterly meeting scheduled June 28th, 2023. Consideration of these concepts may be examined further in various SoCalGas studies, including the Demand Study, Project Options and Alternatives Study, and the High-Level Economic Analysis & Cost Effectiveness Study.

Light Duty Electric Vehicles

Feedback: PAG members recommended examining the role of both battery electric light duty and fuel cell electric light duty vehicles when assessing hydrogen market share and demand in the transportation sector.

Response: We will be considering the role of both battery electric and fuel cell electric vehicles primarily in the Demand Study. We look forward to discussing that study with you in more detail in a future meeting. The Demand Study was discussed with PAG and CBOSG members during a subsequent meeting scheduled July 18, 2023.

² U.S. Department of Energy. Commercial Liftoff: Clean Hydrogen. Available at: <https://liftoff.energy.gov/wp-content/uploads/2023/05/20230523-Pathways-to-Commercial-Liftoff-Clean-Hydrogen.pdf>

Processes for Addressing Stakeholder Concerns

Feedback: Stakeholders commented about the process for addressing stakeholder concerns. They emphasized how CBOs do not have the expertise to provide adequate technical input. Stakeholders also commented about the desire to receive updates on the progress of federal funding. They requested a longer review time for agendas and supporting materials in advance of the meetings.

Response: We understand and appreciate the comments expressed by stakeholders regarding our consistency with the Decision. Please see Section III of the Quarterly Report for a summary of actions SoCalGas has taken to address these comments, including how SoCalGas will provide opportunities for and consider PAG feedback when conducting its Phase One studies. We are evaluating ways to tailor meetings to meet the needs of CBOSG members. For example, SoCalGas is introducing additional content during stakeholder meetings to help educate CBOs on hydrogen and other energy topics as appropriate. We are also developing learning guides (e.g. glossary of terms, etc.) for technical content and are exploring conducting outreach to individual CBOs to better understand their needs during the stakeholder engagement process. The Quarterly Report also provides an update of federal funding activities (Section VII).

CBO and Intervenor Compensation

Feedback: Members requested feedback on the distinction between CBO compensation and intervenor compensation.

Response: CBOs will be compensated in accordance with the Detailed Plan and Set of Procedures for Community Based Organization Compensation approved in Advice No. 6146.³ Parties of the proceeding will need to request compensation through the California Public Utilities Commission's (CPUC) Intervenor Compensation Program.⁴

CPUC Approval and Ratepayer Funding

Feedback: A question was raised regarding CPUC approval for the third phase and its implications for ratepayer funding. Stakeholders sought clarification on whether ratepayer funding would be required for any of the three phases, or if all three were already encompassed in the current accounting.

Response: SoCalGas received approval from the CPUC in the Decision to record in the Angeles Link Project Memorandum Account the incremental costs of performing Phase One feasibility studies for the proposed Project, up to a cap of \$26 million with the option to seek an increase of up to 15%. SoCalGas is required to file a separate application with the CPUC to proceed with Phase Two of the proposed Project. The Decision does not authorize cost recovery for Phase

³ Advice No. 6146 (Detailed Plan and Set of Procedures for Community Based Organization Compensation Pursuant to Decision (D.) 22-12-055 Approving the Angeles Link Memorandum account to Record Phase One Costs. Available at: https://tariff.socalgas.com/regulatory/tariffs/tm2/pdf/submittals/GAS_6146.pdf

⁴ <https://www.cpuc.ca.gov/proceedings-and-rulemaking/intervenor-compensation>

One, and this topic will be addressed in a future proceeding at the CPUC. Please see the Decision at pages 73-75 for more information on requirements for future Phase One cost recovery.

Meeting format and documentation accessibility

Feedback: Attendees suggested improvements in meeting formats, emphasizing the importance of allowing discussion from the PAG. They recommended both virtual and in-person options for meetings. Stakeholders also recommended that agenda and meeting documentation should be accessible earlier than one week before the meeting. They proposed a four-to-five-week period for consultation with technical staff before each meeting.

Response: We appreciate feedback of stakeholder suggestions for improvements in meeting formats to allow for more discussion from the PAG and promoting attendance by providing both virtual and in-person options. Please see Section III of the Quarterly Report for actions SoCalGas has taken to address these comments.

Transparency and engagement

Feedback: Stakeholders called for more transparency in the quarterly report, suggesting that the parties' input should be attached to the summary report rather than relying solely on transcriptions. They also commented about webcasting problems.

Response: Thank you for your feedback regarding transparency in the quarterly report. Please see Section III of the Quarterly Report for a summary of actions SoCalGas has taken in response to this feedback. Regarding webcasting problems, we apologize for any technological issues during meetings. We are working with our IT/technology consultant to avoid future technological glitches.

CBOSG MEMBER FEEDBACK

Support for CBO Stakeholders and Community Engagement

Feedback: SoCalGas needs to provide support to CBO Stakeholders in educating and facilitating conversations with their community-member bases about the Project impacts and possible benefits during the feedback process. Community focus groups were suggested to address this comment.

Response: We appreciate comments regarding support for CBO Stakeholders who may need additional educational resources. We appreciate the suggestion of community focus groups, and we are currently exploring options to further educate stakeholders about clean renewable hydrogen and other clean energy topics, which could include focus groups or other approaches.

Feedback: SoCalGas should prioritize how workforce planning, training, and employment opportunities will be evaluated and integrated into the Project, particularly for disadvantaged communities.

Response: We appreciate the emphasis on workforce planning, training, and employment opportunities, particularly for disadvantaged communities. We share your commitment to creating job opportunities and exploring how the Project could result in benefits to disadvantaged communities. For example, as part of the Workforce Planning & Training Evaluation in Phase One, we will assess the potential employment opportunities associated with the Angeles Link Project. We will consider the needs of disadvantaged communities and provide guidance to organizations developing training programs and employment opportunities to enhance their participation. We also recognize the importance of evaluating and integrating workforce planning into the Project to create a diverse and inclusive workforce.

Starting Meetings with Land Acknowledgement

Feedback: Future meetings should begin with a land acknowledgement to recognize and respect the traditional territories and Indigenous communities.

Response: SoCalGas agrees that recognizing and respecting the traditional territories and Indigenous communities is essential, and we value your input on this matter. Starting meetings with a land acknowledgment is an important step towards honoring the rich history and cultural heritage of the land on which we gather. We commit to implementing this practice in our future PAG and CBOSG meetings, acknowledging the Indigenous communities and their ongoing connection to the land. We are also working to strengthen our outreach to tribes, so they are adequately included in the stakeholder engagement process.

**APPENDIX 9 – PAG/
CBOSG MEMBER
COMMENTS
Revised 2/20/2024**

The Utility Consumers' Action Network: Angeles Link PAG Member

Feedback for SoCalGas Regarding
Draft Procedures for Community-Based Organization Compensation

Date: April 18, 2023

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Commission Decision (D.) 22-12-055 requires Southern California Gas (SoCalGas) to submit a Tier 2 advice letter with the California Public Utilities Commission's (Commission) Energy Division with a detailed plan and set of procedures for CBO compensation.¹

On April 10, 2023, SoCalGas requested feedback from the Angeles Link Planning Advisory Group (PAG) on its proposed community-based organizations (CBO) compensation procedures (Draft Procedures). The Utility Consumers' Action Network (UCAN) submits the following feedback on SoCalGas's April 10, 2023, draft compensation procedures.

1. SoCalGas must follow the Commission's orders and allow CBOSG participation by all CBOs that may be affected by the Angeles Link Project.

On April 14, 2023, SoCalGas received a feedback report from CBOs (CBO Report) regarding the Community Based Organization Stakeholder Group (CBOSG). UCAN agrees with the CBOs' concerns voiced in the CBO Report and notes that some of the feedback received from CBOs relates directly to the CBO compensation procedures. D.22-12-055 requires SoCalGas to "conduct quarterly stakeholder engagement meetings with parties in this proceeding and *community-based organizations (CBOs) of affected interest groups*."² Contrary to the direction from the Commission, SoCalGas has told CBOs that only LA based organizations may join the CBOSG. SoCalGas did not tell the PAG that SoCalGas had placed that restriction on CBOSG participation. SoCalGas's arbitrary limitation demonstrates a clear violation of D.22-12-055's order by excluding CBOs of affected interest groups. At a minimum, SoCalGas should invite participation from all interested CBOs in Southern California and any states along SoCalGas's pre-feasibility study's potential pipeline routes (i.e. Utah, Arizona, and Nevada).³

2. SoCalGas should compensate CBOs for meeting preparation, not just meeting participation.

SoCalGas should set compensation based on the time that CBOs need for meeting preparation as well as meeting participation. D.22-12-055, states that "[m]ost importantly, *active stakeholder engagement* is important in addressing potential impacts of the Project on DAC and ESJ communities, particularly at this early stage of the Project."⁴ The Draft Procedures state that "SoCalGas plans to compensate each CBO a flat rate of \$500 per meeting. Each meeting is scheduled to last approximately 3 hours."⁵ Based on the language of the Draft Procedures, it appears SoCalGas is tying the compensation to the amount of time that the CBOs will spend in meetings. Compensating CBOs just for meeting time falls short of the Commission's intention for "active stakeholder engagement." SoCalGas needs to compensate the CBOs adequately for preparation time before each meeting as well as the meetings themselves. Additionally, SoCalGas should not assume that each CBO has access to a hydrogen expert or analyst. Thus, the CBO

¹ D.22-12-055, OP 8(c), p 78, available at

<https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M500/K167/500167327.PDF>

² D.22-12-055, OP 8, p 77, emphasis added.

³ A.22-02-007, Southern California Gas Company (U904g) Responses To September 22, 2022 Administrative Law Judge Email Ruling Directing Applicant To Address Questions (September 30, 2022), Attachment A, Slides Presented During July 20, 2022 SoCalGas Angeles Link Webinar, Alternatives 1-10, p. 17-18, available at <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M497/K342/497342607.PDF>.

⁴ D.22-12-055, p. 45-46, emphasis added.

⁵ SoCalGas, Draft Community-Based Organizations Compensation Procedures (Draft Procedures) (April 10, 2023), p. 1.

compensation should include adequate time for the organizations' lead technical staff member to research the benefits and dangers of hydrogen use. The research will likely take significant time.

3. SoCalGas should provide the PAG with the basis for the compensation structure.

SoCalGas states in its Draft Procedures that its consultant, Lee Andrews Group, "advised SoCalGas that [\$500 per 3-hour meeting] was comparable to what CBOs are compensated for participation in advisory groups of this nature." Lee Andrews Group may be correct, but PAG members cannot evaluate the consultant's recommendation without seeing the list of advisory groups and compensation structures upon which Lee Andrews Group based its assessment. In the next iteration of the Draft Procedures, SoCalGas should include a table citing the other advisory groups and the compensation for members of those advisory groups that Lee Andrews Group used as the basis for the CBOSG compensation structure.

4. CBOSG meetings should always include a virtual option for attendance.

Virtual meeting attendance enables more organizations to participate by reducing the cost of travel, both in terms of time and money. The best procedure for enabling active participation from CBOs would be to hold all meetings virtually. In contrast the Draft Procedures document states that "CBOSG meetings will be held on a quarterly basis. The first informational meeting was held virtually on March 16; the second meeting will be an in-person meeting in the month of June. The remaining meeting dates are forecasted to alternate between virtual and in-person formats in the months of June, August, November (2023), February, and May (2024)."⁶

SoCalGas committed to hold all PAG meetings virtually after PAG members overwhelmingly responded that virtual meetings are PAG members' preference. There is no reason to believe that CBOSG participants would have a different preference regarding virtual meetings. Even if SoCalGas enables an in-person meeting option, the CBOSG meetings should always be held primarily in a virtual format to avoid exclusionary meeting practices.

5. SoCalGas should not require CBOs to issue invoices to receive compensation.

SoCalGas should establish a CBO compensation structure that automatically pays the CBOs that attend the CBOSG and PAG meetings. The Commission requires the CBOs be paid for participation in "the quarterly PAG meetings or some other quarterly stakeholder engagement process."⁷ The Draft Procedures proposes that SoCalGas's consultant "will send compensation no later than seven days after receipt of an invoice after each meeting." No reason was given in the Draft Procedure document for why SoCalGas would require an invoice. Instead of invoices, SoCalGas should issue payments based on attendance of the meetings. An invoicing requirement establishes an unnecessary barrier between a CBO and receiving payment. SoCalGas can have a digital sign-in through the meeting chat feature or complete a verbal roll call for those attendees that have difficulty with the chat functionality. Upon completion of the meeting, the SoCalGas's consultant can issue payments to attendees. This streamlines the process by removing unnecessary procedures and ensures more timely payment to CBOs.

⁶ Draft Procedures, p. 2.

⁷ D.22-12-055, OP 8(b), p 78.

6. SoCalGas should update its Draft Procedures and resubmit the updated draft to PAG members.

D.22-12-055 stated that “SoCalGas has committed to consider stakeholder feedback through an iterative assessment and planning process.”⁸ UCAN looks forward to receiving the updated version of the Draft Procedure for CBO compensation.

This concludes UCAN’s feedback to SoCalGas on the Draft Procedure for CBO compensation.

⁸ D.22-12-055, p. 45.

April 14, 2023

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Feedback for Southern California Gas Company on Angeles Link Project March 15 and March 16 Public Engagement Meetings

On March 15 and March 16, 2023, Southern California Gas Company (SoCalGas) convened the first planning advisory group (advisory group) meeting and community-based organization stakeholder group (stakeholders) meeting as part of stakeholder engagement mandated by the California Public Utilities Commission in A.22-02-007 (Angeles Link project application).

The Angeles Link project, if completed as proposed by SoCalGas, would result in a major hydrogen gas pipeline across California. The pipeline would originate in eastern California or a nearby western state and terminate in the Los Angeles basin. The project study and permit applications alone will cost several hundred million dollars before any construction occurs.¹ The size and expense of the project will entrench hydrogen in California's energy economy.

In its decision D.22-12-055 (the Decision), the Commission commended SoCalGas for its commitment to quarterly public engagement meetings. These were portrayed to the Commission as a key element of an interactive process for technical advice and collaboration on project design and development, and as a space to discuss environmental justice issues, workforce development, sources of clean renewable hydrogen and water, and potential pipeline scenarios and routes. The Commission also noted that iterative stakeholder engagement would be crucial to addressing the broad range of diverse community interests impacted by the project, and “[m]ost importantly” to address the potential impacts of the project on disadvantaged communities.² The Commission explains that this engagement is most important because of concerns that the project could increase pollution in environmental justice communities through hydrogen leaking from pipelines and NOx emissions from hydrogen combustion, and could divert scarce water resources from local communities. In this vein, the Decision directs SoCalGas to proactively identify and invite community-based organizations (CBOs) that serve communities that may potentially be impacted by the Angeles Link project.³

¹ D.22-12-055, Application of Southern California Gas Company (U-904 G) for Authority to Establish a Memorandum Account for the Angeles Link Project, p.4 (Dec. 15, 2022), available at <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M500/K167/500167327.PDF> (hereafter “Decision”).

² Decision at pp. 45-46.

³ Decision at p. 78.

The Decision requires that, in the development of the Angeles Link project, the planning process “address affordability concerns”; “consider the impacts to disadvantaged communities and address environmental justice concerns”; “consider California environmental law and public policies”; “gather and address stakeholder concerns”; and “consider and evaluate Project alternatives, including a localized hydrogen hub or other decarbonization options such as electrification, their costs and their environmental impacts.”⁴ These requirements are the core of SoCalGas’s engagement efforts and the *raison d’etre* for the advisory group and stakeholder engagement.

The below signed organizations believe SoCalGas has failed to comply with the Decision by (1) failing to conduct the ordered CBO outreach, (2) failing to invite important environmental justice and environmental organizations to advisory meetings, (3) using public engagement meetings as public relations platform, (4) treating CBOs as lesser partners than PAG members, and (5) failing to construct a process that permits “technical advice and collaboration” by parties.

1. SoCalGas failed to comply with the Commission’s order regarding the stakeholder engagement group

The Commission’s decision ordered SoCalGas to identify and invite participation from community-based organizations that *may potentially be impacted* by the Project, including disadvantaged communities and environmental social justice groups. SoCalGas has proposed at least 10 different pipeline routes snaking across the Inland Empire, Central Valley, and Mojave Desert, as well as large swaths of Nevada, Utah, and Arizona.⁵

SoCalGas has not reached out to invite communities along those ten routes to participate in the stakeholder group. In fact, SoCalGas excludes all community organizations unless they are able to demonstrate at least 5 years of community-based work in Los Angeles.⁶ SoCalGas’ exclusionary policy ensures that only long-established Los Angeles-based CBOs can be informed and part of a conversation about routes that will, in all likelihood, transform communities where those CBOs do not live or work. It silences distinct and important voices of communities who would be impacted by any of the 10 proposed routes. It will inevitably favor the voices of CBOs who may have substantially different concerns or interests in hydrogen.

2. SoCalGas failed to invite key participants to the advisory group or stakeholder group

The Decision envisioned that SoCalGas would, at a minimum, invite parties from the proceeding to participate in the Planning Advisory Group.⁷ Yet many parties, including the California Environmental Justice Alliance, whose member organizations include Communities for a Better Environment and several environmental justice groups who may be affected by the

⁴ Decision p. 75.

⁵ Southern California Gas Company (U904g) Responses to September 22, 2022 Administrative Law Judge Email Ruling Directing Applicant to Address Questions, Attachment A, pp. 17-18 (Sept. 30, 2022) available at <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M497/K342/497342607.PDF>.

⁶ SoCalGas, Angeles Link Community Based Organization Stakeholder Group Application, available at https://www.dropbox.com/s/ggnuqj6ot7g0yf4/Angeles_Link_CBOSG_Application_Final.pdf?dl=0.

⁷ SoCalGas has not released a full list of CBOs who were invited to the CBOSG.

Angeles Link, did not receive the invitation SoCalGas claimed to have sent. Yet other organizations' invitations were improperly directed despite participation in the proceedings. In fact, it appeared only a portion of the proceeding service list was ever served with the invitation. SoCalGas does not even clearly invite participation in the Angeles Link on its project website.

3. SoCalGas used the advisory and stakeholder engagement meetings for public relations, not engagement or to seek feedback

The Decision forbid SoCalGas from recovering costs associated with Public Outreach and Public Relations, rather permitting SoCalGas to conduct public engagement through the advisory and stakeholder process.⁸ The decision highlights the "PAG is a useful vehicle for providing transparency into the Angeles Link planning process and providing feedback to SoCalGas on Project options and alternatives."⁹ Unfortunately, SoCalGas has chosen to use the advisory and stakeholder meetings as hydrogen propaganda instruments. SoCalGas limited open discussion, treated the project's construction as a forgone conclusion, and presented prewritten poll questions that allowed only for a range of positive or neutral responses to the project.¹⁰

4. Community-Based Organizations were treated as passive viewers, not participants

The differences between the advisory group and stakeholder meetings were stark. Both initial meetings were conducted via Zoom videoconference. Advisory group members were permitted to chat with others, unmute themselves, view other participants on the call, appear on video, and more or less be equal participants in the meeting. At the stakeholder meeting, participants were classified as audience, leaving them unable to chat, unmute, view participants, or appear on video. The only ways to engage were to respond to poll questions when presented, or to click "Raise Hand" in the Zoom interface, relying on SoCalGas to unmute the participant when it chose. While some of these limitations appeared to be unintentional and steps were taken to overcome some issues, SoCalGas was unable to fully remedy the situation, leading to confusion and inability of participants to vote in polls or participate fully.

In addition, as mentioned above, and unlike advisory group participation, to participate in the community stakeholder meetings, organizations must apply before April 28, and be accepted by SoCalGas. This puts CBOs on a timeline to decide whether to participate at all, while also facing the many engagement barriers parties raised in the Angeles Link Proceeding.¹¹ All of these additional barriers to participation, on top of the exclusion of non-Los Angeles organizations, chill discussion around the most important part of the public engagement process and devalue community's lived experience.¹²

⁸ Decision at pp. 47-48, 74.

⁹ Decision at p. 46.

¹⁰ ANGELES LINK: PLANNING ADVISORY GROUP MEETING #1 Meeting Summary, pp. 10-11 (April 6, 2023), available at https://www.dropbox.com/s/g0i02j4ovgwpbbn/Angeles%20Link%20PAG%20%231%20Summary_Final.pdf?dl=0.

¹¹ The barriers include lack of community knowledge around hydrogen, absence of language specific educational materials, need to reach consensus-based decisions, budgetary and staffing limitations. Opening Comments of Sierra Club and the California Environmental Justice Alliance, pp 6-9 (Nov. 28, 2022), available at <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M499/K346/499346781.PDF>.

¹² Decision at pp. 45-46.

5. The advisory and stakeholder groups fail entirely to meet the Commission’s engagement requirements

SoCalGas has failed to create a process that allows for “technical advice and collaboration” by imposing the above discussed limitations and eschewing commonly used Commission practices. Commission proceedings frequently implement technical advice and collaboration processes by providing discussion meetings which involve clear and advance notice to potential participants, viewpoint neutral or multi-viewpoint presentations, advanced drafts of proposed studies, feedback and commenting processes for technical work, clear guidelines for parties to give feedback on the process itself, and open meetings where participants are on level footing with presenters. The Utility Consumers’ Action Network’s March 31, 2023 feedback letter to SoCalGas discusses these structural defects of the advisory group process in much greater detail and proposes several important changes.¹³ Despite being approved to spend at minimum \$26 million in this first phase of the project, SoCalGas has chosen to conduct studies without public input, declined to permit advisory group advice and comment on planning documents until studies are complete, and limited feedback. SoCalGas failed to provide mechanisms which they themselves frequently enjoy in proceedings and in doing so violated the Commission Decision.

All of these defects with the Angeles Link advisory and stakeholder group rollout violate the Decision’s mandate of transparent technical advice and collaborative public engagement. The advisory and stakeholder groups exclude and silence community organizations, act as a mouthpiece for public relations materials, and limit technical collaboration and transparency. Such shortcomings mean SoCalGas will be unable to show they reasonably and in good faith address project-specific standards imposed by the Decision.

To remedy these faults SoCalGas should immediately:

- Conduct outreach to CBOs throughout all proposed pipeline routes,
- Immediately permit CBOs throughout the State to join stakeholder meetings,
- Rescind the April 28 deadline for CBOs to apply for stakeholder participation,
- Treat CBOs with at least the same access and privileges accorded to advisory group members,
- Invite additional environmental justice organizations to public engagement meetings,
- Stop public relations activity and propaganda sharing in public engagement meetings and present neutral viewpoint information, and
- Implement standard Commission information sharing and iterative feedback and collaboration practices so that advisory and stakeholder meetings can serve their intended purpose.

¹³ Utility Consumers’ Action Network, Feedback for SoCalGas for inclusion in SoCalGas’s Q1-2023 Angeles Link Phase 1 Report to the California Public Utilities Commission (Mar. 31, 2023), available at <https://www.dropbox.com/s/1k0obsbj1q1y26y/2023-03-31%20-%20UCAN%20comments%20-%20PAG%20Q1.pdf?dl=0>.

Sincerely,

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Communities for a Better Environment

Alexis Sutterman
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Monica Embrey
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