



# Angeles Link Quarterly Report (Phase One)

For the Period December 21, 2022 through March 31, 2023

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# I. BACKGROUND

On December 15, 2022, the California Public Utilities Commission (CPUC) adopted Decision 22-12-055 (Decision) authorizing the establishment of SoCalGas's Angeles Link Memorandum Account (Memorandum Account) to track costs for advancing the first phase of the Angeles Link Project (Project). SoCalGas established the Memorandum Account on December 21, 2022.

The objective of the proposed Project is to develop a clean renewable hydrogen pipeline transport system to deliver reliable renewable energy to the Los Angeles region. The CPUC recognized clean renewable hydrogen<sup>1</sup> "has the potential to decarbonize the state and the Los Angeles Basin's energy future and bring economic opportunities and new jobs to the region."<sup>2</sup>

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. Pursuant to Ordering Paragraph (OP) 3 (h) of the Decision,<sup>3</sup> SoCalGas hereby submits this Quarterly Report for the period of December 21, 2022, through March 31, 2023 (Q1-2023). In compliance with the Decision, this report is also being served on the service list for the Angeles Link proceeding (A.22-02-007) and will be made publicly available at: <https://www.socalgas.com/sustainability/hydrogen/angeles-link>.

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<sup>1</sup> Per the CPUC Final Decision (D.22-12-055), "clean renewable hydrogen" is defined as hydrogen produced with a carbon intensity equal to or less than four kilograms of carbon dioxide-equivalent produced on a lifecycle basis per kilogram and does not use any fossil fuel in its production process. For the purpose of this project, we are using the terms "green hydrogen" and "clean renewable hydrogen" interchangeably.

<sup>2</sup> Decision (D.) 22-12-055, p. 2

<sup>3</sup> Ibid.

## II. PHASE ONE ACTIVITIES UPDATE

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. SoCalGas is required to make the Quarterly Reports public and include in them feedback received from parties and PAG members. To ensure the Project delivers clean energy benefits and aligns with the Commission’s public policy goals, the CPUC set additional project-specific standards in the Decision that SoCalGas must demonstrate, at a minimum, to receive recovery of Phase One costs recorded in the Memorandum Account.<sup>4</sup> These project-specific cost recovery standards are meant to address affordability, impacts to disadvantaged communities, consistency with California law and public policies, stakeholder concerns, and consideration and evaluation of Project alternatives.<sup>5</sup> In authorizing the studies discussed in this report, the Decision recognized that “clean renewable hydrogen is a key potential solution to decarbonize the state’s and the Los Angeles Basin’s energy use”<sup>6</sup> and “is one of the only few viable carbon-free energy alternatives for hard-to-electrify industries, electric generation, and the heavy-duty sector.”<sup>7</sup> As such, the Project is required to balance multiple public policy priorities, including affordability,<sup>8</sup> environmental justice,<sup>9</sup> public interest benefits, support for California’s environmental law and public policies<sup>10</sup> (including CPUC decisions, policies and directives<sup>11</sup> and aligning with federal clean renewable hydrogen standards<sup>12</sup>) addressing climate change, reducing greenhouse gas emissions, prioritizing safety, and enhancing energy system reliability.

The following studies are being undertaken in compliance with the Decision, in furtherance of the Project, and in alignment with the additional project-specific standards adopted by the CPUC.

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<sup>4</sup> D. 22-12-055, p. 75, OP 5.

<sup>5</sup> Ibid.

<sup>6</sup> D. 22-12-055, p. 28.

<sup>7</sup> Ibid.

<sup>8</sup> D. 22-12-055, p. 76, OP 6 (k)

<sup>9</sup> D. 22-12-055, p. 76, OP 6 (l)

<sup>10</sup> D. 22-12-055, p. 77, OP 6 (n)

<sup>11</sup> D. 22-12-055, p. 77, OP 6 (o).

<sup>12</sup> D. 22-12-055, p. 77, OP 6 (j)

## Market Assessment & Alternatives

<b>Demand Study</b>	
<b>Overview</b>	The Decision requires (OP 6 (a) and OP 6 (c)) SoCalGas to identify hydrogen demand, end uses, and end-users (including current natural gas customers and future customers) of the Project. This study will evaluate potential clean renewable hydrogen demand and assess adoption in the Mobility, Power Generation, and Industrial sectors.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the contracting process for a vendor to conduct this study. These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedules, and budget estimates. Vendor selection, contract finalization, and initial study commencement is anticipated in the second quarter of 2023.

<b>Production Planning &amp; Assessment</b>	
<b>Overview</b>	The Decision requires SoCalGas to identify the potential sources of hydrogen generation for the Project (OP 6 (b)) and its plans to ensure the quality of the hydrogen gas meets the clean renewable hydrogen standards set in the Decision (OP 6 (j)). This study will evaluate potential sources of clean renewable hydrogen production from renewable sources such as solar and wind, the input requirements, the estimated cost of production, and policies, procedures, and other methods to meet clean renewable hydrogen standards.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the contracting process for a vendor to conduct this production study. These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract finalization, and initial study commencement is anticipated in the second quarter of 2023.

<b>High-Level Economic Analysis &amp; Cost Effectiveness</b>	
<b>Overview</b>	The Decision requires (OP 6 (d)) SoCalGas to evaluate the cost-effectiveness of the Project against alternatives and determine a methodology to measure cost effectiveness between alternatives. This study will determine a methodology to measure cost effectiveness that includes gathering cost estimates, performing an economic analysis to determine the potential levelized cost of clean renewable hydrogen to be delivered to end-users, and comparing the cost effectiveness of the Project against various project alternatives.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the contracting process for a vendor to conduct this study. These contracting activities included identification of potential vendors and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract finalization, and initial study commencement is anticipated in the second quarter of 2023.

<b>Project Options and Alternatives</b>	
<b>Overview</b>	The Decision requires (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.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the contracting process for a vendor to conduct an initial evaluation of potential options and alternatives. These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract finalization, and initial study commencement is anticipated in the second quarter of 2023.

## Regulatory, Policy & Environmental

<b>Water Resource Evaluation</b>	
<b>Overview</b>	The Decision requires (OP 6 (b)) SoCalGas to identify the potential sources of clean renewable hydrogen generation and water and estimate the costs of the hydrogen for the Project. This study will evaluate the availability of water resources for clean renewable hydrogen production in Central and Southern California regions.
<b>Progress Summary</b>	Over the reporting period, SoCalGas identified potential vendors, engaged in preliminary discussions with vendors, and prepared a draft scope of work, tentative schedule and budget estimate. In addition, SoCalGas executed a contract with a vendor to assess the availability and scoping of water resources for the Project with a focus on sustainable sources of water including recycled water, stormwater capture, oil/gas product treatment, and water exchange. Initial study activities commenced in the reporting period.

<b>Nitrogen Oxide (NOx) and other Air Emissions Assessment</b>	
<b>Overview</b>	The Decision requires (OP 6 (h)) SoCalGas to assess potential NOx emissions associated with the Project, including appropriate controls to mitigate emissions. The NOx assessment will evaluate NOx and other air emissions associated with storage and transportation of hydrogen, as well as NOx emissions associated with end users. Key areas of focus will be on the Mobility, Power Generation, and Industrial sectors. Identification and evaluation of potential mitigation measures will also be included.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the process of contracting for a vendor to conduct an initial evaluation to assess potential NOx and other air emissions and appropriate controls to mitigate potential emissions. These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract finalization, and initial study commencement is anticipated in the second quarter of 2023.

<b>Hydrogen Leakage Assessment</b>	
<b>Overview</b>	The Decision directs (OP 6 (g)) SoCalGas to assess the risks and mitigations for hydrogen leakage. During Phase One, an evaluation of potential hydrogen leakage associated with production, storage, and transportation of hydrogen will be prepared. Identification and evaluation of potential mitigation measures will also be included.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the contracting process for a vendor to conduct an initial evaluation assessing the risk of hydrogen leakage and potential mitigation opportunities. These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract finalization, and initial study commencement is anticipated in the second quarter of 2023.

<b>Greenhouse Gas Emissions Evaluation</b>	
<b>Overview</b>	The Decision directs (OP 6 (n)) SoCalGas to provide the findings from Phase One feasibility studies demonstrating compliance with environmental laws and public policies. To support environmental laws and public policies, SoCalGas will conduct an initial evaluation of greenhouse gas (GHG) emissions associated with the Project, including the potential for emissions reductions. This assessment will evaluate GHG emissions associated with storage and transportation of hydrogen, as well as GHG emissions associated with end users. Key areas of focus will be on the Mobility, Power Generation, and Industrial sectors.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the process of contracting for a vendor to conduct an initial evaluation of potential GHG emissions associated with the Project, including the potential for emissions reductions. These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract execution and initial study commencement is anticipated in the second quarter of 2023.



<b>Environmental &amp; Environmental Social Justice Analysis</b>	
<b>Overview</b>	The Decision directs (OP 6 (n)) SoCalGas to provide the findings from Phase One feasibility studies demonstrating compliance with environmental law and public policies. Further, the Decision directs SoCalGas to address and mitigate impacts to disadvantaged communities and other environmental justice concerns (OP 6 (l)). SoCalGas will conduct an initial evaluation of a clean renewable hydrogen transportation system’s compliance with environmental law and public policies, which will include an assessment of environmental impacts of project alternatives, environmental justice concerns and impacts to disadvantaged communities.
<b>Progress Summary</b>	During the reporting period, SoCalGas began the contracting process for a vendor to conduct this evaluation. These contracting activities included identification of potential vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Preliminary discussions with vendors are anticipated in the second quarter of 2023.

<b>High-Level Feasibility Assessment &amp; Permitting Analysis</b>	
<b>Overview</b>	The Decision requires SoCalGas to identify and compare possible routes and configurations for the Project (OP 6 (i)). As part of this assessment, SoCalGas will conduct a high-level assessment of potential environmental and regulatory approvals, including federal, state and local environmental permitting and regulatory approvals, regulatory approval timing, and environmental constraints.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the contracting process for a vendor to conduct this analysis. These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract execution and initial study commencement is anticipated in the second quarter of 2023.

<b>Right-of-Way Study</b>	
<b>Overview</b>	The Decision requires SoCalGas to identify and compare possible routes and configurations for the Project (OP 6 (i)). As part of this assessment, SoCalGas will conduct an initial evaluation to review the potential availability of its existing private rights-of-way to accommodate the Project and future right-of-way locations needed.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the process of evaluating proposed pipeline alignments for right-of-way review. These activities included preliminary identification of public rights of way.

<b>Franchise Study</b>	
<b>Overview</b>	The Decision requires SoCalGas to identify and compare possible routes and configurations for the Project (OP 6 (i)). As part of this assessment, SoCalGas will conduct an initial evaluation to review the potential availability of its existing franchises to accommodate the Project and future franchises needed for the Project.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the process of reviewing existing city and county franchise agreements. These activities included preliminary identification of private rights-of-way and franchise agreements.

## Engineering Design

<b>Preliminary Routing/Configuration Analysis</b>	
<b>Overview</b>	The Decision requires (OP 6 (i)) SoCalGas to identify and compare possible routes and configurations for the Project. This study will (i) determine preferred routing/configuration alternatives for hydrogen system; (ii) consider existing pipeline corridors or rights-of-way, other known existing rights-of-way, franchise rights, designated federal energy corridors or rights-of-way, and the need for new rights-of-way; and (iii) evaluate technical considerations, major crossings, elevations, terrain types, and other potential geographical and urban challenges. This study includes high-level construction staging for implementation of routes and evaluation of a localized hydrogen hub. As part of the configuration analysis, SoCalGas will conduct an initial evaluation of hydrogen storage technology. SoCalGas will assess storage proximity to the Southern California region and both aboveground and underground technologies.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the process of evaluating potential pipeline alignments and configurations (e.g., storage). These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract execution, and initial study commencement is anticipated in the second quarter of 2023.

<b>Pipeline Sizing &amp; Design Criteria</b>	
<b>Overview</b>	The Decision requires SoCalGas to compare possible routes and configurations (OP 6 (i)) and evaluate safety concerns for the Project (OP6 (f)). This study will: (i) estimate potential pipeline sizes for the pipeline route from production to end-use; (ii) identify specific materials for pipeline, fittings, and differences in operational equipment; (iii) discuss safety considerations, pressures, and maintenance operations associated with design; and (iv) evaluate compression characteristics and options.
<b>Progress Summary</b>	Over the reporting period, SoCalGas began the contracting process for a vendor to conduct this analysis. These contracting activities included identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract execution, and initial study commencement is anticipated in the second quarter of 2023.

## Plan for Applicable Safety Requirements

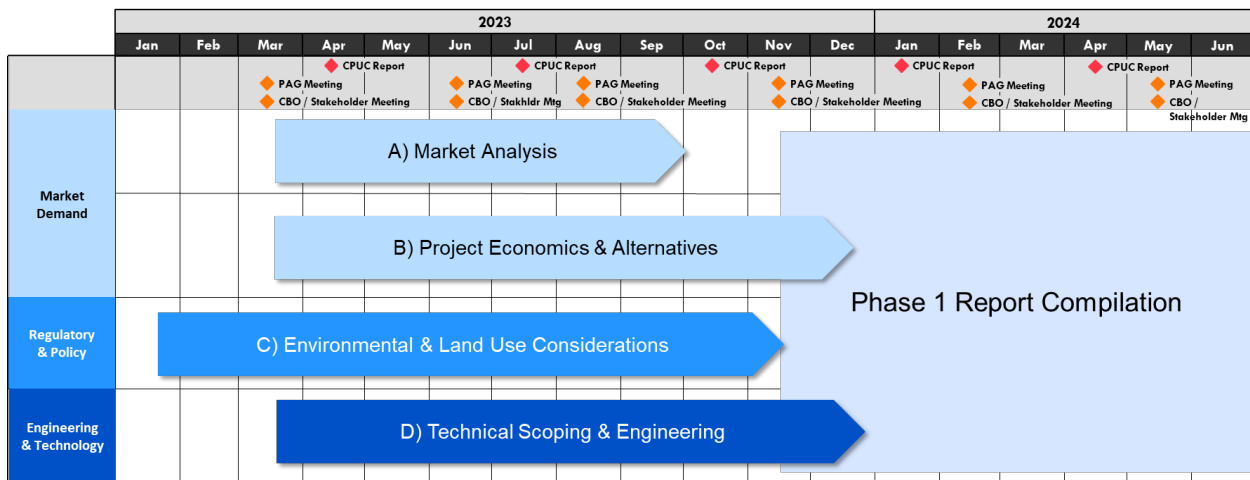
<b>Overview</b>	<p>The Decision requires (OP 6 (f)) SoCalGas to evaluate safety concerns involved in pipeline transmission, storage, and transportation of hydrogen applicable to the Project. This study will evaluate safety concerns and develop an assessment of applicable safety requirements for employee, contractor, system, and public safety.</p>
<b>Progress Summary</b>	<p>Over the reporting period, SoCalGas began the contracting process for a vendor to conduct this analysis. These contracting activities included preliminary review of industry and internal safety standards, identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract execution and initial study commencement is anticipated in the second quarter of 2023.</p> <p>While a strong safety culture exists at SoCalGas today, we are committed to continuously enhancing the maturity of our culture and have implemented a comprehensive Safety Management System (SMS) consistent with American Petroleum Institute Recommended Practice 1173 (API RP 1173).</p> <p>As part of SoCalGas's comprehensive emergency readiness and response program and activities, SoCalGas works with local first responders and appropriate city officials to inform and educate them on the locations of hydrogen facilities within their response area. In addition to these activities, SoCalGas will continue to collaborate across industry leaders to further refine established safety standards and best practice for hydrogen operations.</p>

<b>Workforce Planning &amp; Training Evaluation</b>	
<b>Overview</b>	The Decision requires (OP 6 (e)) SoCalGas to evaluate workforce planning and training. This study will evaluate operations and maintenance protocols for utility workers regarding hydrogen infrastructure and workforce needs in terms of staging and growth for the Project.
<b>Progress Summary</b>	<p>Over the reporting period, SoCalGas began the contracting process for a vendor to conduct this analysis. These contracting activities included preliminary discussions with internal subject matter experts on existing programs for workforce training and community outreach, identification of potential vendors, preliminary discussions with vendors, and preparation of a draft scope of work, tentative schedule, and budget estimate. Vendor selection, contract execution, and initial study commencement is anticipated in the second quarter of 2023.</p> <p>SoCalGas has a highly trained workforce and an extensive contractor network and resource pool across the organization with deep experience planning, building and maintaining pipeline infrastructure in California. Personnel associated with the construction and operation of the Angeles Link and related facilities would include the following:</p> <ul style="list-style-type: none"> <li>• SoCalGas project personnel who would develop and manage the funding, design, permitting, right-of-way, and construction of the pipeline and pipeline facilities.</li> <li>• Contractors who would assist SoCalGas personnel with the design, permitting, and right-of-way activities.</li> <li>• Construction contractors who would build the proposed pipeline system and related facilities.</li> <li>• SoCalGas field operations and maintenance personnel who would operate the pipeline system and related facilities on a daily basis.</li> <li>• SoCalGas Supervisory Control and Data Acquisition (SCADA) personnel who would remotely monitor and operate the pipeline from the SoCalGas Operations center.</li> <li>• SoCalGas engineers and managers who would perform hydraulic modeling to monitor and optimize gas distribution.</li> </ul>

### III. PROJECT SCHEDULE AND KEY MILESTONES

The Preliminary Program Roadmap below identifies Phase One feasibility studies and expected feasibility study timelines, PAG meetings, Community-Based Organization Stakeholder Group (CBOSG) meetings, and Quarterly Report submission dates. The timelines below are preliminary, subject to change, and in some cases, reflect studies in progress. Additional studies will be added to future reports as they commence, and the timelines will be updated as necessary.

Figure 1  
Angeles Link Phase One (Q1 2023 – Q2 2024) Preliminary Program Roadmap



### IV. PLANNING ADVISORY GROUP AND COMMUNITY-BASED ORGANIZATION STAKEHOLDER GROUP ACTIVITIES

To engage and learn from a variety of stakeholders during the Angeles Link Project planning process, SoCalGas proposed forming an Angeles Link PAG in its Memorandum Account Application (Application) to engage with stakeholders to receive technical advice and collaboration on Project design and development. In alignment with the Application proposal, the Decision requires SoCalGas to engage the active parties in the proceeding via the PAG.<sup>13</sup> Accordingly, SoCalGas invited the active parties in the proceeding to the PAG as well as other stakeholder groups. The Decision also requires SoCalGas to proactively identify and invite involvement from Community-Based Organizations (CBOs) that are equipped to serve the communities that will be impacted by the Project.<sup>14</sup> SoCalGas has formed a CBOSG composed of community organizations that represent and serve populations that could be impacted by the Project. Both groups were formed in coordination with Energy Division staff. Parties invited to

<sup>13</sup> D. 22-12-055 OP 8 (a), p. 78

<sup>14</sup> D. 22-12-055 OP 8 (b), p. 78

participate in the PAG include government entities, environmental justice nonprofits, environmental nonprofits, labor groups, industry, academia, disadvantaged communities, ratepayer advocates, and parties from the Angeles Link proceeding. Parties invited to participate in the CBOSG include representatives from: disadvantaged communities (DAC), advocates for environmental and social justice (ESJ), schools, churches, and community based non-profit organizations. SoCalGas will be compensating CBOSG attendees with a per-diem stipend if not otherwise compensated through the CPUC's Intervenor Compensation Program in accordance with OP 8 (b) of the Decision.<sup>15</sup> Arellano Associates (AA) is the facilitator for the quarterly PAG meetings. AA specializes in developing and implementing stakeholder engagement activities for large infrastructure projects. Lee Andrews Group (LAG) facilitates the CBOSG meeting. LAG specializes in working with diverse and underserved communities to increase public engagement and awareness. LAG's culturally relevant community engagement programs are built on a foundation of equity, with a range of innovative, transparent, and creative outreach methods.

Over the reporting period, the first PAG meeting was held on Wednesday, March 15, 2023 (virtual) and the CBOSG meeting was held on Thursday, March 16, 2023 (virtual) [Please see Appendix 1 for PAG and CBOSG lists, including those invited; reference Appendix 2 for PAG and CBOSG meeting materials including presentation slides and CBOSG Application; Appendix 3 includes Guiding Principles Document presented to the PAG. Appendix 4 contains website links to both PAG and CBOSB meeting recordings]. Since these were the first kickoff meetings, many attendees had little familiarity with the Project and therefore the content of the meeting materials was introductory in nature and no technical studies or reports were presented for PAG or CBOSG input. The agenda for the meeting included the opportunity for PAG and CBOSG members to introduce themselves and share what their expectations were for their participation. We conducted a short ice breaker survey to help better understand their motivation for participation, how the PAG and CBO groups are constituted and knowledge of hydrogen gas as it relates to California's ambitious climate goals. The meeting also covered the guiding principles of the PAG and CBO groups as well as provided an introduction to the Phase I technical process and timeline. When available, Phase One technical inputs and study results will be shared with PAG members for their input in alignment with the Decision.<sup>16</sup> Feedback (e.g., verbal comments, written comments, survey responses, etc.) from PAG and CBOSG members is being tracked for each meeting and has been compiled and included in a summary report for each meeting (see Appendices 5 and 6). Additional PAG and CBOSG feedback received outside of each meeting has also been compiled and included in Appendix 7. Appendix 8 contains SoCalGas' response to comments and feedback received, which is organized by theme.

Certain PAG members submitted comments about providing ongoing feedback on the Phase One studies and the Quarterly Reports. SoCalGas has committed to working with the PAG members to create a communications protocol for ongoing engagement on the feasibility studies as well as the Quarterly Reports. This topic has been identified as a priority topic for discussion with the PAG.

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<sup>15</sup> Ibid.

<sup>16</sup> D. 22-12-055 OP 6 (m), p. 76

The next PAG and CBOSG meetings are scheduled to be in-person meetings (with an option to attend virtually) in June 2023. Additional meetings are contemplated for August 2023, November 2023, February 2024, and May 2024. The meetings will focus on sharing preliminary findings and results of the Phase One studies and receiving feedback.

## **V. ALLIANCE FOR RENEWABLE CLEAN HYDROGEN ENERGY SYSTEMS (ARCHES)**

The United States Department of Energy (DOE) is planning to award \$8 billion to up to ten regional hydrogen hubs across America to build self-sustaining hydrogen economies of producers, infrastructure, and users.<sup>17</sup> The Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES) is 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.<sup>18</sup> The Decision requires SoCalGas to “join other entities that are members of the Alliance for Renewable Clean Hydrogen Energy Systems in support of the State of California’s application for the federal funding provided through the Infrastructure Investment and Jobs Act and to “study a localized hydrogen hub solution, under the specifications required to be eligible for federal funding provided through the Infrastructure Investment and Jobs Act, as part of Phase One.” SoCalGas joined ARCHES in October 2022 and SoCalGas’s efforts and progress in partnering with ARCHES on its application being undertaken in compliance with the Decision is provided herein.

In accordance with the Decision, SoCalGas has been closely coordinating with ARCHES throughout the development of ARCHES’s application for federal funding and has been supportive of the State’s efforts to secure federal funding for a California hydrogen hub. On April 7, 2023, the State submitted its application to the DOE. SoCalGas is among one of the more than 100 members within the ARCHES network. SoCalGas also sought participation from ARCHES on the Angeles Link PAG on February 10, 2023.

## **VI. APPENDIX**

1. Attendee list for first PAG and CBOSG meetings, including those invited.
2. PAG/CBOSG meeting materials.
3. PAG/CBOSG Guiding Principles Document.
4. Links to PAG and CBOSG meeting recording.

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<sup>17</sup> <https://archesh2.org/>

<sup>18</sup> Ibid.



5. Summary of PAG Meeting, including survey question responses and other feedback obtained orally or via chat during first PAG virtual meeting.
6. Summary of CBO Stakeholder meeting, including survey question responses and other feedback obtained orally or via chat during first CBOSG virtual meeting.
7. PAG/CBOSG member comments.
8. SoCalGas Thematic Responses to Comments.

End of Report