

# 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?\_



25-35 GW Curtailed/New/Solar/Wind 2 GW Batteries

#### Start with 100% renewable electricity

that is on the grid, new build, or being curtailed to provide power to the electrolyzer.



Then use it to make

clean, renewable

hvdrogen

with electrolyzers.

Electrolysis splits water

into hydrogen and

oxygen with virtually

zero greenhouse gas

and criteria

pollutant emissions.



Mileage of hydrogen infrastructure is preliminary at this time and will

SoCalGas safely delivers hydrogen from outside of the LA Basin to industries that need it most.





### Use clean, renewable hydrogen to decarbonize hard-to-electrify sectors

such as dispatchable electric generation, heavy-duty transportation and industrial processes

# WHATARETHE **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 NOx 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



10-20 GW







while driving job creation.

# 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.

