



# Angeles Link Quarterly Report (Phase One) Appendices

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

**Appendix 1**  
**Attendee list for first PAG**  
**and CBOSG meetings,**  
**including those invited**

**PAG Invite and Attendance Summary**

Industry/Sector	PAG Organization Member	Participant	3.15.23 Attended
Fuels	1 CA Hydrogen Business Council	Katrina Fritz, Executive Director	X
	2 Green Hydrogen Coalition*	Nicholas Connell, Policy Director	
	3 Clean Energy*		
	4 Air Products*	JP Gunn, Director, Hydrogen (HyCO) Business Manager	X
	5 Indicated Shippers*		
	6 Bloom Energy*	Christina Tan, Sr. Energy & Environmental Policy Manager	X
Labor	7 ILWU 13	Mark Jurisic, Representative for Local 13	X
	8 California State Pipe Trades Council*	Rodney Cobos, Business Manager/Financial Secretary	X
	9 Utility Workers Union of America 132*	Mike Cormode, North Coastal Representative	X
	10 Utility Workers Union of America 483*	Ernie Shaw, President	X
Heavy Duty Truck	11 Harbor Trucking Association	Matt Schrap, CEO	X
	12 Port of Los Angeles	Mike Galvin, Director of Waterfront and Commercial Real Estate	X
	13 City of Long Beach*	Mario Cordero, Executive Director, Port of Long Beach	
Research/Academia	14 UC Davis Sustainable Transportation Energy Pathways	Lew Fulton, Director, STEPS (Sustainable Transportation Energy Pathways)	
	15 UCI Advanced Power and Energy Program	Jack Brouwer, Professor of Mechanical and Aerospace Engineering	
	16 University California Riverside	Arun Raju, Associate Director of Operations at the Center for Environmental Research and Technology	
Industry	17 Southern California Leadership Council	Rich Lambros, Managing Director	
Manufacturing	18 California Manufacturers and Technology Association	Lance Hastings, President and CEO	
	19 LADWP	Marty Adams, General Manager & Chief Engineer	
Electric Generation	20 Independent Energy Producers Association*	Jan Smutny Jones, CEO	
	21 Southern California Generation Coalition*	Norman Pedersen, HANNA AND MORTON LLP	X
	22 Environmental Defense Fund**	Michael Colvin, Director, Regulatory and Legislative Affairs	X
Environmental	23 Natural Resources Defense Council*	Pete Budden, State and Regional Hydrogen Policy	X
	24 Sierra Club**		
	25 Protect our Communities Foundation**		
	26 Environmental Justice League**	Russell Lowery, Managing Partner, High View Strategies	X
Enviro Justice	27 Communities for Better Environment (CEJA?)**	Roberto Cabrales, CBE Southern California Program Co-Director	X
	28 TBD-Open Spot**		
Disadvantaged Com.	29 Reimagine LA**	Raul Claros, Co-Founder and Chief Strategist	X
	30 Southern CA Association of Governments	Kome Ajise, Executive Management	
Local Gov.	31 Cal Advocates*	Chris Myers, Public Utilities Regulatory Analyst	
	32 The Utility Reform Network*	Marna Anning, Energy and Climate Attorney	
Ratepayers	33 Utility Consumers' Action Network*	Tyson Siegele, Principal Consultant, Clean Energy Strategies	X
	34 Agricultural Energy Consumers Association*	Michael Boccadoro, Executive Director, Dairy Cares	X
	35 Southern California Water Coalition	Charley Wilson, Executive Director	X
Water	36 Metropolitan Water District	Deven Upadhyay, Assistant General Manager and COO	
	37 ARCHES	Angelina Galiteva	
ARCHES	38 GoBiz	Dee Dee Myers, Dir. of Governor's Office of Business and Economic Development	
	39 California Energy Commission***	Rizaldo E. Aldas, Energy Generation Research Branch	X
Agencies	40 California Air Resources Board***	Steve Cliff, Executive Officer	
	41 CPUC Energy & Safety Divisions***	Jack Chang, Senior Regulatory Analyst, Building Decarbonization and Renewable Gas, Energy Division	X
	42 SCAQMD	Wayne Nastri, Executive Officer	

\*Parties (intervenor comp)

\*\*CBO Compensation

\*\*\* Mentioned in ALMA

This color indicates an accepted invitation

This color indicates no response

This color indicates potential new PAG member in accordance with ALMA FD

X indicates participation in 3.15.23 Kick-Off meeting

**Angeles Link CBOSG 1st Quarterly Meeting Attendees**

	<b>First Name</b>	<b>Last Name</b>	<b>CBO Organization Member</b>
1	Rashad	Rucker-Trapp	Reimagine LA Foundation
2	Marc	Carrel	Breathe Southern California
3	Curtis	Silvers	Brotherhood Crusade
4	Christopher	Arroyo	California Public Utilities Commission
5	Jack	Chang	California Public Utilities Commission
6	Daisy	Ma	Chinatown Service Center
7	Ricardo	Mendoza	Coalition for Responsible Community Development
8	Theo	Caretto	Communities for A Better Environment
9	Hyepin	Im	Faith and Community Empowerment (FACE)
10	Steve	Kang	Koreatown Youth + Community Center
11	Luis	Pena	LA Indigenous People's Alliance
12	Ronnie	Han	LA Más
13	Rene	Williams	Los Angeles City/County Native American Indian Commission
14	Maiesha	Kif	Los Angeles Urban League
15	Dr. Ciriaco "Cid"	Pinedo	Mexican American Opportunity Foundation
16	Araksya	Nordikyan	PESA (Parents, Educators/Teachers & Students in Action)
17	Devapriya	Roy	PESA (Parents, Educators/Teachers & Students in Action)
18	Enrique	Aranda	Soledad Enrichment Action
19	Andrea	Williams	Southside Coalition of Community Health Centers
20	Lucy	Castro	Southside Coalition of Community Health Centers
21	Lorna	Avila	T.R.U.S.T. South LA
22	Reginald	Johnson	Willowbrook Inclusion Network
23	Robert	Battles	Willowbrook Inclusion Network
24	Gerry	Salcedo	YMCA of Metropolitan Los Angeles
25	Maria	Mendoza	YMCA of Metropolitan Los Angeles

**Total CBOs Attendees:**

**25**

## Invited CBOSG Members

<b>CBO Organization Member</b>
Coalition for Clean Air
Communities for a Better Environment
East Yard Communities
LA Nature for All
Moving Forward Network
Pacoima Beautiful
Physicians for Social Responsibility
Strategic Concepts in Organizing and Policy Education
Mujeres de la Tierra
Coalition for a Safe Environment
California Environmental Justice Alliance
Breathe SoCal
Greenlining Institute
Natural Resources Defense Council*
Environmental Defense Fund**
Sierra Club**
Protect our Communities Foundation**
Environmental Justice League**
Comunidades Indigenas En Liderazgo (CIELO)
Los Angeles City/County Native American Indian Commission
Brotherhood Crusade
Koreatown Youth Community Center
American Indian Chamber of Commerce
LA Urban League
TRUST South LA
Southeast Rio Vista YMCA
Mexican American Opportunity Fund
Alma Family Services
VIA Care
CA Greenworks
Reimagine LA
Clergy and Laity United for Economic Justice (CLUE)
Proyecto Pastoral
Faith and Community Empowerment (FACE)
LA Voice
Parent Institute for Quality Education (PIQE)
THINK Together
Long Beach Forward
Coalition for Repsonsible Community Development
AltaMed
Los Angeles Indigenous People's Alliance
Watts Labor Community Action Committee
Willowbrook Inclusive Network
Asian American Advancing Justice
Southside Coalition of Community Health Centers
Watts/Century Latino Organization

*\*Parties (intervenor comp)*

*\*\*CBO Compensation*

*\*\*\* Mentioned in ALMA*

**Appendix 2**  
**PAG/CBOSG Meeting**  
**materials**

March 2023



# PLANNING ADVISORY GROUP

## Introductory Meeting

March 15, 2023

9:30am - 12:00pm

Thank you for joining the PAG meeting, we will be starting shortly after 9:30am to make sure everyone is online.



# Welcome to the Angeles Link PAG 1st Quarterly Meeting:

## Zoom Meeting Pointers



This meeting will be recorded (video and audio), and a court reporter will be transcribing the meeting



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



There will be numerous opportunities for PAG discussions interwoven throughout the agenda



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
- » Safety & Sustainability Moment
- » Introductions
- » Planning Advisory Group (PAG) Overview/Procedures/Schedules
- » PAG Discussion
- » Member Survey
- » Break
- » Angeles Link Overview
- » Phase I Overview/Angeles Link Memo Account (ALMA) Workstreams
- » Member Survey
- » PAG Discussion
- » Next Steps

# Welcome



**Neil Navin**

Chief Clean Fuels Officer  
SoCalGas



**Chester Britt**

Executive Vice President, Arellano  
Associates  
PAG Facilitator

# SoCalGas Company: About Us



In business for over 150 years and headquartered in Los Angeles, SoCalGas® is North America's **largest gas distribution utility.**



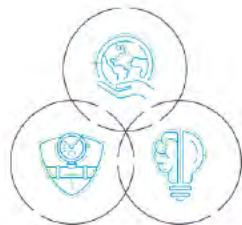
SoCalGas has committed to the goal of achieving **net zero greenhouse gas emissions** in its operations and delivery of energy by 2045 while keeping bills affordable for customers.

Serving 22 million consumers across 24,000 square miles of Central and Southern California with affordable, reliable, and increasingly renewable gas service.

SoCalGas employs an experienced and skilled staff of more than 8,000 people, about half of them unionized. SoCalGas provides good jobs to a diverse workforce.



SoCalGas's **economy-wide technical analysis** shows how clean fuels like green hydrogen\* can help California achieve its net zero goals more affordably and with less risk than other energy decarbonization pathways.



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SoCalGas's mission is to build the **cleanest, safest and most innovative energy company in America.**

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\* Per the Angeles Link Final Decision (DR.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 purposes of this project, we are using the terms "green hydrogen" and "clean renewable hydrogen" interchangeably.

# Planning Advisory Group (PAG) Members

## Introduction

### Please introduce yourself

- » Briefly describe the organization you represent and your role in your organization.
- » Share what excites and/or concerns you about participating in the PAG.
- » Share something people may not know about you.

# PAG Support Staff

## SoCalGas



Sebastian Garza  
Angeles Link  
Project Manager III



Emily Grant  
Angeles Link  
Sr. Public Affairs Manager



Katrina Regan  
Angeles Link  
Engineering and Technology  
Project Manager III

## Arellano Associates



Stephanie Espinoza  
Sr. Project Coordinator



Sohrab Mikanik  
Tech Manager



Sasha Cheechov  
Sr. Project Coordinator

# Planning Advisory Group (PAG)

- » SoCalGas proposed the PAG concept in its Angeles Link Memo Account Application as a method to receive iterative feedback from a diverse group of stakeholders on the Angeles Link project.
- » PAG formation was part of CPUC's Angeles Link Final Decision (D.22-12-055) to approve SoCalGas's Angeles Link Memo Account Application – estimated to take between 12 and 18 months to complete.
- » In the Angeles Link Final Decision (D.22-12-055), the CPUC stated that the PAG was established to provide technical advice and to collaborate on the exploration of developing clean renewable hydrogen infrastructure.
- » SoCalGas will work directly with the PAG to facilitate meaningful participation and input from a broad range of stakeholders.

# PAG Meetings

- » PAG meetings will be held quarterly and are anticipated to run through July 2024.
- » Agendas and Phase 1 study supporting materials will be provided to PAG members prior to the quarterly meetings.
- » Meetings will involve presentations by SoCalGas, industry experts, and others, and will include round table discussions and interactive exercises to receive technical advice and collaborate with PAG members.
- » Meetings are tentatively planned to alternate between in-person and virtual to accommodate member schedules and provide opportunities to visit relevant locations.

# Proposed PAG Topics for Discussion

- » Pipeline Safety and Design
- » Clean Renewable Hydrogen Sourcing and End Uses
- » GHG Emissions, NOx Emissions and H2 Leakage
- » Environmental and Social Justice issues
- » Pipeline Routing Analysis including Preliminary Environmental and Permitting Analysis
- » Workforce Development and Training
- » Ratepayer Considerations and Budget/Finance
- » Technical Studies Review

**Any other topics?**



# PAG Guiding Principles

- » PAG 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
- » PAG participation is voluntary and compensation is governed by the Angeles Link Final Decision (DR.22-12-055)
- » Consistent with the Angeles Link Final Decision (DR.22-12-055), the PAG is advisory in nature and seeks to collaborate on Phase 1 technical issues with PAG members

# PAG Members

- » Representative group of stakeholders covering a broad array of perspectives and expertise
- » Over 40 invitees
- » Includes all parties to the proceeding



# CBO Stakeholder Engagement

- » Separate and parallel Community Based Organization (CBO) Stakeholder engagement process being facilitated by Alma Marquez of Lee Andrews Group
- » Like the PAG, also proposed by SoCalGas and established pursuant to the Angeles Link Final Decision (D.22-12-055)
- » CBO Stakeholder Group includes community groups, including
  - Environmental Social Justice Groups (ESJ)
  - Disadvantaged Communities (DAC)
- » These community-based engagement activities are an important step to better understanding and addressing potential issues associated with the proposed Project
- » There will also be CBO stakeholder representation on the PAG



**Alma Marquez**  
Vice President, Government Relations  
Lee Andrews Group  
CBOSG Facilitator

# PAG Member Engagement Guidelines

As a PAG Group, let's discuss some engagement guidelines such as:

## Communication

- » Communicate openly and directly, be curious, good listeners, and respectful of other points of view.
- » Refrain from any form of personal attacks or use of profanity.

## Role of Facilitator

- » Respect the role of the facilitator as a professional committed to keeping meetings productive and on track.

## Participation

- » Actively participate in review of materials and discussion and prioritize involvement to maximize benefit to all participants.
- » Respect time limits for agenda items and to maximize benefits of all participants, plan to stay for the entire meeting.

# SoCalGas's Commitment to PAG



**As a PAG Member, SoCalGas makes the following commitments to the PAG Members:**

- » SoCalGas pledges to hear all sides and record feedback.
- » SoCalGas is committed to openly replying to questions, comments, and concerns.
- » SoCalGas will review, consider, and/or learn from PAG feedback.

## As a PAG Group, let's discuss some proposed logistics for documenting PAG input on technical studies such as:

- » Video recording and transcription by a court reporter to document all input provided during the PAG meetings
- » Use of PAG surveys and interactive exercises designed as qualitative tools to facilitate more meaningful dialogue and understanding of PAG members' opinions
- » PAG members to be able to submit letters, emails and phone calls to SoCalGas Angeles Link Senior Public Affairs Manager, Emily Grant at 714.388.4889 or [ALPAG@socalgas.com](mailto:ALPAG@socalgas.com)
- » PAG stakeholder input and other meeting documentation to be summarized in quarterly progress reports submitted by SoCalGas to the CPUC, and submitted to technical consultants for consideration as appropriate
- » Using a Smart Sheet Stakeholder Input Log to track all inputs

# PAG Meeting Schedule (Tentative)

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

# PAG Discussion



# Survey

## **Break (10 Minutes)**

*Please fill out the contact information form located in the chat*



# Overview

# Angeles Link Overview



- » Proposal to develop what could be the nation's largest clean, renewable hydrogen energy infrastructure system produced from 100% renewable energy to deliver reliable energy to the Los Angeles region.
- » When built, the Angeles Link clean renewable hydrogen system could reduce greenhouse gas emissions, improve local air quality, and help SoCalGas serve California's energy needs for generations to come.
- » Angeles Link could drive deep decarbonization of heavy-duty transportation, dispatchable electric generation, industrial processes and other hard-to-electrify sectors of the Southern California economy.
- » Angeles Link Memo Account Application was filed with California Public Utilities Commission in February 2022 and a Final Decision approving the Memo Account Application was received in December 2022 (DR.22-12-055).

# Angeles Link Final Decision (D.22-12-055)

## Authorizes the Angeles Link Memorandum Account (ALMA) and Recording of Phase 1 Costs

Feasibility studies associated with engineering, design,  
and environmental work necessary to develop Angeles Link.<sup>1</sup>

### \$26M CAP

Phase 1 costs are capped at \$26 million requested with an increase of up to 15 percent with the approval of an advice letter.<sup>2</sup>

### ARCHES Coordination

SoCalGas directed to join ARCHES in support of its application for federal funding, and to study as part of Phase 1 the feasibility of a localized clean hydrogen hub solution in the Los Angeles Basin.

### Phase 2 Requirements

Before costs for Phase 2 activities can be recorded in ALMA, SoCalGas shall file a separate application providing the findings and results from the Phase 1 feasibility studies and seek such authority.

<sup>1</sup> The issue of CPUC jurisdiction was determined to be outside the scope of the proceeding.

<sup>2</sup> Issue of cost recovery was not addressed in D. 22-12-055 and will be addressed in a future cost recovery application.

# Angeles Link Potential Impact

## Benefits of One Potential End-Use Scenario



Could provide **clean renewable hydrogen** to hard-to electrify end users in Los Angeles basin

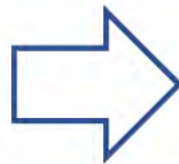


Potentially displace **3 million gallons of diesel per day**



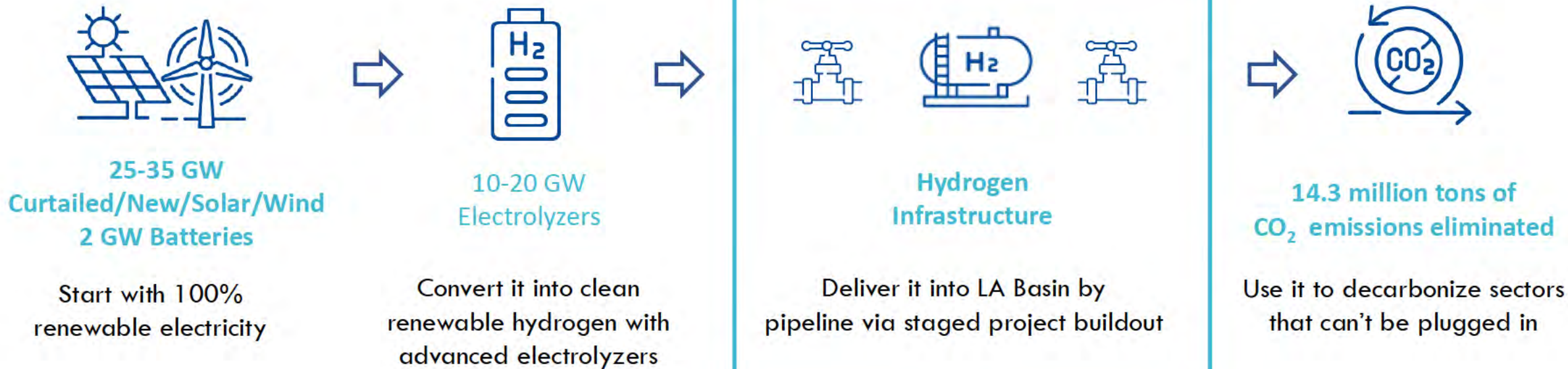
Could then eliminate up to **25,000 tons** of smog forming NOx per year

Could significantly reduce regional natural gas demand to **potentially remove 14.3 million metric tons of CO<sub>2</sub>**



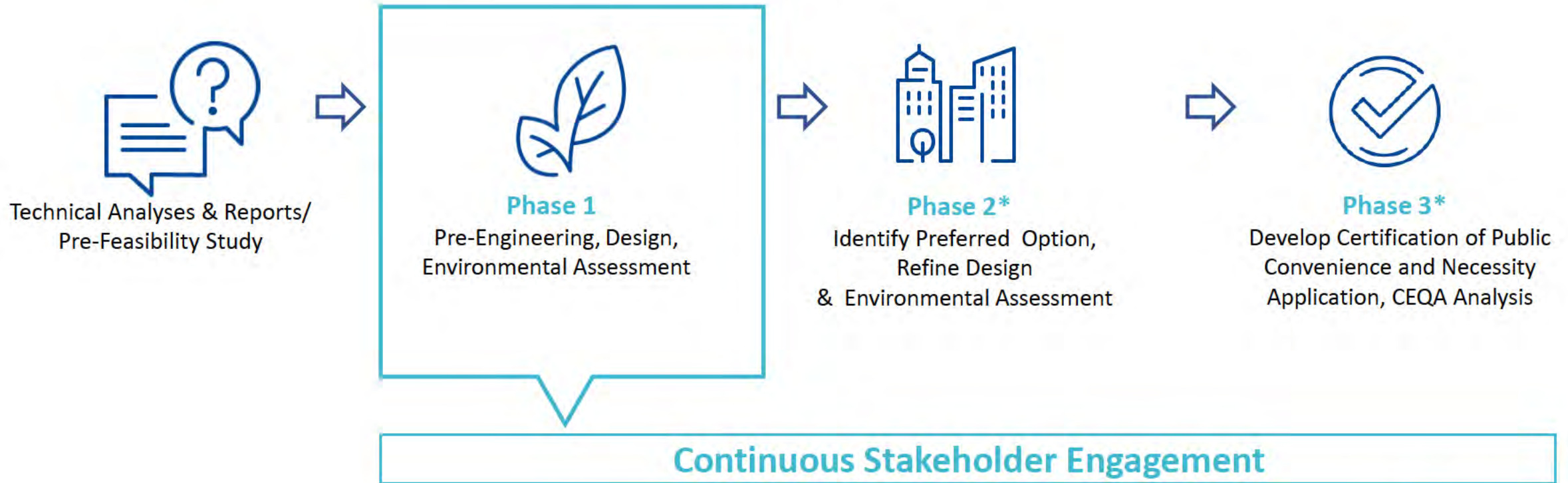
Equivalent to **eliminating 57% of LA County's large stationary source CO<sub>2</sub> emissions**

# How Could It Work?



# Angeles Link Proposed Phases

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



\* Subject to CPUC Approval



# Leadership Team: Angeles Link



ANGELES  
LINK



**Armando Infanzon**

Director  
Business Development



**Yuri Freedman**

Sr. Director  
Business Development



**Jill Tracy**

Sr. Director, Angeles Link  
Regulatory and Policy



**Amy Kitson**

Director, Angeles Link  
Engineering and Technology

# Phase 1 Activities: Market Demand for Clean Renewable Hydrogen

- » Identify demand and end-use categories
  - » Develop clean renewable hydrogen demand forecasts over time by key end-use sectors



Mobility



Power Generation



Industrial

- » Identify potential sources of hydrogen generation
- » Market validation of demand and hydrogen generation potential



## Phase 1 Activities: Engaging with ARCHES and Developing Project Alternatives



- » Partnering with the State of California on its application for federal funding provided through the IIJA
  - » Engage with ARCHES and active participation in working groups
  - » Regional Hydrogen Hub application due to DOE on April 7, 2023
  - » An ARCHES representative is also a member of the PAG
- » Evaluation of the cost-effectiveness of the Project against alternatives, which should include a localized hydrogen hub or electrification option, and determining the methodology to measure cost-effectiveness between the alternatives

# Phase 1 Activities: Regulatory & Policy

## CPUC Quarterly Reporting

- » Quarterly Reports to be submitted starting in April 2023

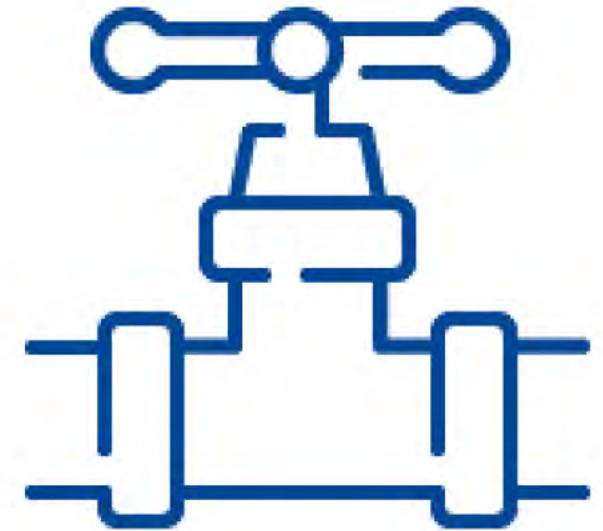
## Phase 1 Environmental and Land Use Studies

- » Water Resources
- » High Level Assessment and Permitting Analysis
  - » Part of Routing Analysis
- » Air Studies
  - » NOx Emissions Assessment
  - » Hydrogen Leakage Assessment
  - » GHG Evaluation
- » Franchise and Right-of-Way
  - » Part of Routing Analysis
- » Environmental Assessment
  - » Address Environmental and Social Justice Issues including Affordability

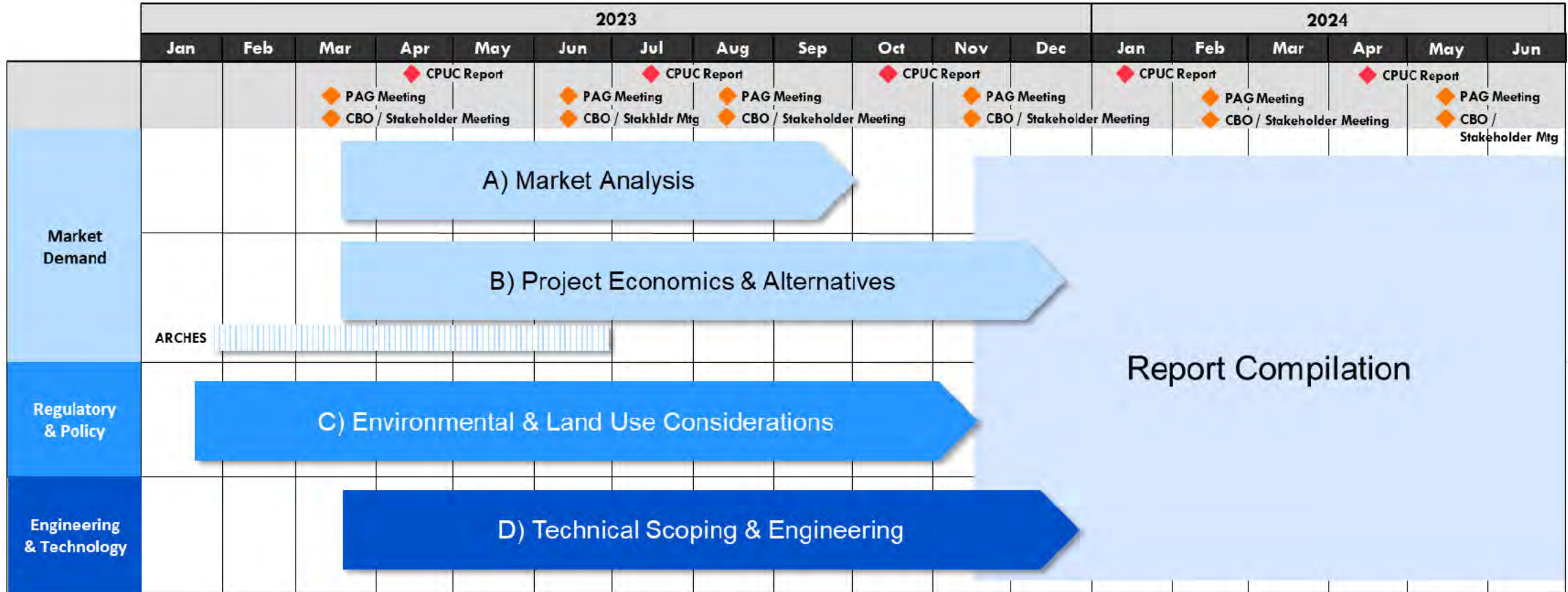


# Phase 1 Schedule: Engineering and Technology

- » Identify Engineering
  - » Preliminary routing analysis including localized hub option
  - » Pipeline sizing & design criteria
  - » Identify high-level long-term system & operational requirements
  - » Storage
- » Plan for applicable safety requirements
- » Workforce planning & training evaluation



# Phase 1 Schedule: Integrated Project Plan

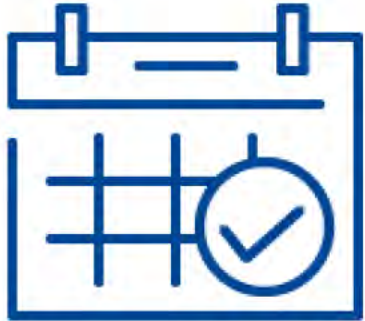


# Survey

# PAG Discussion



# Next Steps



- » Meeting Summary Report will be submitted to PAG members for review
  - » Stakeholder feedback and the Summary Report will be incorporated into SoCalGas Quarterly Report to the CPUC
- » Next PAG meeting will take place in-person in June
  - » Save the date will be sent with location shortly
- » CBO Stakeholder Meeting will be held  
**Thursday, March 16th, 2023**



[Angeles Link Website](#)



[Angeles Link Memorandum  
Accounting Filing Website](#)

**Thank You For Your  
Participation**

March 2023



# Community Based Organization Stakeholder Group

## Introductory Presentation

March 16, 2023

9:30am - 12:00pm

- Thank you for joining, we will be starting shortly after 9:30am to make sure everyone is online.
- This meeting will be video recorded and transcribed by a court reporter to document all input provided.



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# Agenda



- » Welcome
- » Safety & Sustainability Moment
- » Meet Lee Andrews Group
- » SoCalGas & Angeles Link Project Overview, Neil Navin
- » CBO Self-Introductions
- » Introduction Survey
- » Break
- » CBOSG Overview & Procedures
- » Application Overview & Compensation Guidelines
- » Q&A Discussion
- » Next Steps

# Meet Lee Andrews Group



Alma Marquez  
Vice President, Government  
Relations  
CBOSG Facilitator



Joseph Legaspi  
Vice President, Community  
Affairs  
CBOSG Facilitator



Lauren Perez-Rangel  
CBOSG Facilitator



**Neil Navin**  
Chief Clean Fuels Officer  
SoCalGas

# SoCalGas Company: About Us



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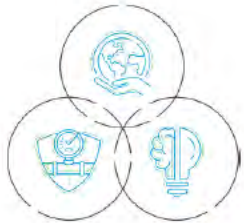
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# Angeles Link Potential Impact

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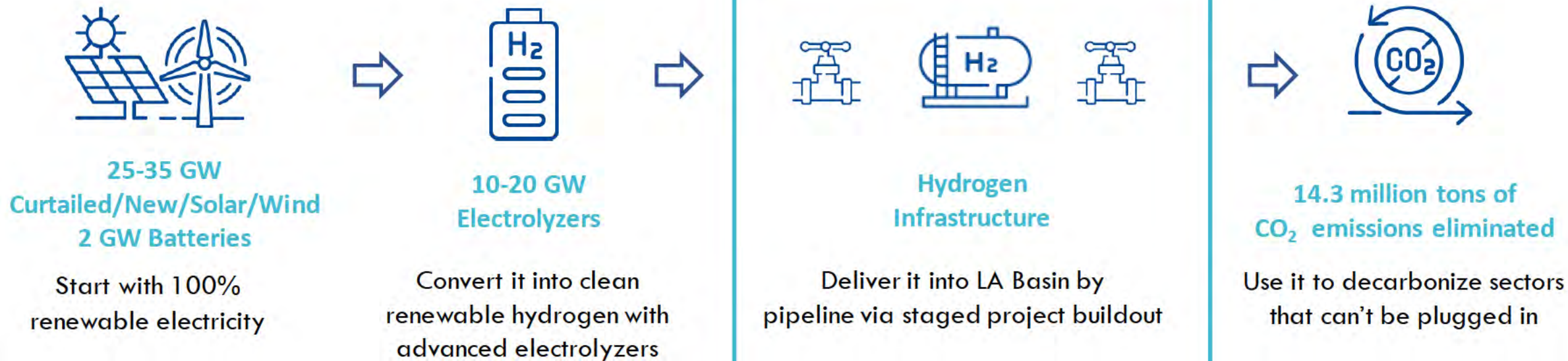


Could significantly reduce regional natural gas demand to potentially remove **14.3 million metric tons** of CO<sub>2</sub>



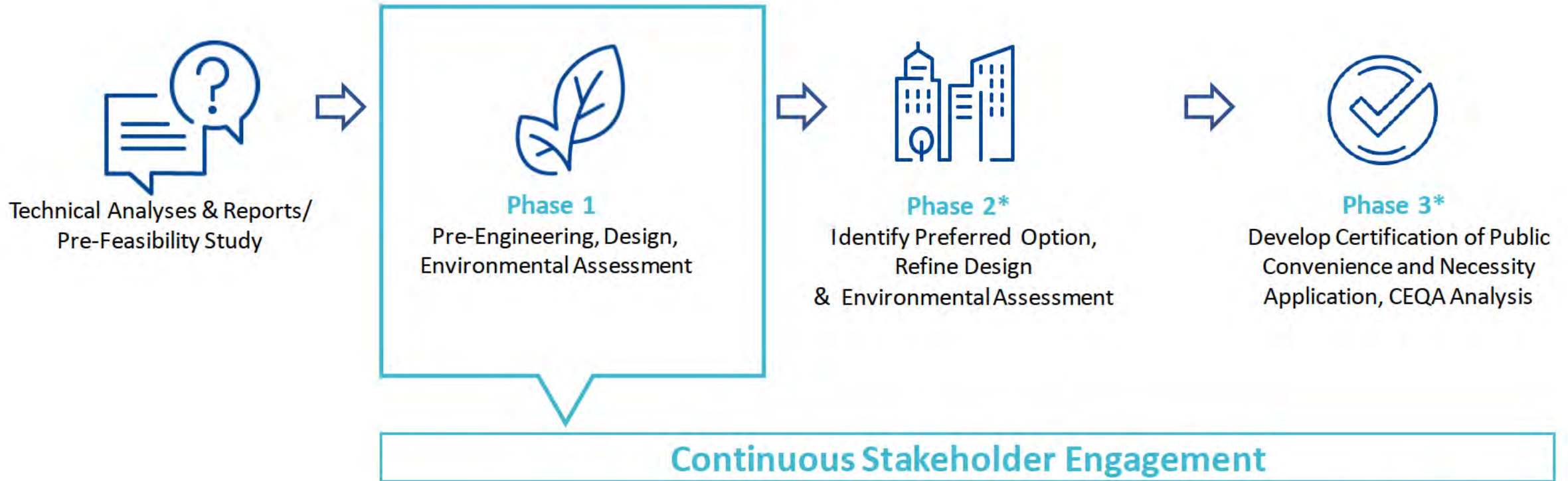
Equivalent to eliminating **57% of LA County's** large stationary source **CO<sub>2</sub> emissions**

# How Could It Work?



# Angeles Link Proposed Phases

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



\* Subject to CPUC Approval

# ANGELES LINK Q&A

Angeles Link  
Website



Angeles Link  
Memorandum Accounting  
Filing Website



# Introduction

- » Please introduce yourself
  - » Briefly describe the organization you represent
  - » Share your biggest hope and concern regarding the CBO Stakeholder Group Meetings
  - » Share what makes you passionate about your CBO work

# Introduction Survey



# Introduction Survey – Question 1

» Please rank your knowledge of clean renewable hydrogen as a potential energy source.

1. Very knowledgeable: I know a lot about clean renewable hydrogen.
2. Moderately knowledgeable: I know a fair amount about clean renewable hydrogen, but I would like to learn more.
3. Somewhat knowledgeable: I know a little about clean renewable hydrogen and I would like to learn more.
4. Not knowledgeable: I don't know anything about clean renewable hydrogen, and I would like to learn more.

# Introduction Survey – Question 2

- » **How critical do you think clean renewable hydrogen is to achieve California's ambitious net-zero carbon goals?**
1. Extremely critical: clean renewable hydrogen is very important for California to achieve its climate goals.
  2. Very critical: clean renewable hydrogen is important, but there are other ways to reduce emissions too.
  3. Moderately critical: clean renewable hydrogen could help, but other things might be more effective.
  4. Critical: clean renewable hydrogen might have some potential, but it's not a high priority.
  5. Negative: Clean renewable hydrogen has more negatives than positives.

# Introduction Survey – Question 3

## » How familiar are you with Angeles Link?

1. Very familiar: I know a lot about Angeles Link.
2. Moderately familiar: I know a fair amount about Angeles Link.
3. Somewhat familiar: I've heard of Angeles Link, but don't know much about it.
4. Not familiar: I don't know anything about Angeles Link.

# Introduction Survey – Question 4

- » **Do you believe clean renewable hydrogen will become a significant energy source in the foreseeable future?**
1. Very likely: I think clean renewable hydrogen will become an important energy source in the future.
  2. Moderately likely: clean renewable hydrogen might become significant, but there are some obstacles.
  3. Somewhat likely: clean renewable hydrogen could play a role, but there are uncertainties and alternatives.
  4. Not likely: I don't think clean renewable hydrogen will become significant. Other renewable sources are likely to be more promising.

**Break (5 minutes)**

# Community Based Organization Stakeholder Group (CBOSG)

- » The CBOSG will be composed of 20-25 organizations that advocate for environmental social justice and/or represent and serve disadvantaged communities that could be impacted by the proposed Angeles Link project
- » The CBOSG will engage in a robust and transparent collaboration process; CBOSG formation was proposed by SoCalGas and part of CPUC's decision to allow SoCalGas to move forward into tracking costs for Phase 1 activities
- » SoCalGas will work directly with the CBOSG to facilitate meaningful participation and input from a broad range of stakeholders

# CBO Stakeholder Group Members



# Planning Advisory Group (PAG)

- » Established to provide technical advice and collaborate on exploration of developing clean renewable hydrogen infrastructure and systems needed to deliver clean and reliable energy to the Los Angeles Region
- » PAG formation was proposed by SoCalGas and part of CPUC's decision to allow SoCalGas to move forward with tracking costs for Phase 1 activities
- » SoCalGas will work directly with the PAG to facilitate meaningful participation and input from a broad range of stakeholders



**Chester Britt**  
Executive Vice President,  
Arellano Associates  
PAG Facilitator



# CBOSG Guiding Principles

- » CBOSG 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
- » CBOSG participation is voluntary and its members will be compensated
- » Consistent with the Angeles Link Final Decision (D.22-12-055), the CBOSG is advisory in nature and seeks to collaborate on Phase 1 technical issues with CBOSG members

# CBOSG Engagement Guidelines

As the CBOSG, let's discuss some engagement guidelines such as:

## Communication

- » Communicate openly and directly, be courteous, listen attentively, and be respectful of other points of view.
- » Participate fully in the group exchange, and do not engage in sideline conversations, crosstalk, or distracting behaviors.
- » Refrain from any form of personal attacks or use of profanity.

## Role of Facilitator

- » Respect the role of the facilitator as a professional committed to keeping meetings productive and on track.

## Participation

- » Actively participate in review of materials and discussion and prioritize involvement to maximize benefit to all participants.

## Punctuality

- » Be punctual, respect time limits for agenda items, and plan to stay for the entire meeting.



# SoCalGas's Commitment to CBOSG

**SoCalGas makes the following commitments to the CBOSG Members:**

- » SoCalGas pledges to hear all sides and record feedback.
- » SoCalGas is committed to openly replying to questions, comments, and concerns.
- » SoCalGas will review, consider, and/or learn from CBOSG feedback.

# CBOSG Input

- » Video recording and transcription by a court reporter to document all input provided during the CBOSG meetings
- » CBOSG surveys and interactive exercises designed as qualitative tools to facilitate more meaningful dialogue and understanding of CBOSG member's opinions
- » CBOSG members are also able to submit emails and phone calls to Angeles Link Senior Public Affairs Manager, Emily Grant at 714.388.4889 or [stakeholderoutreach@socalgas.com](mailto:stakeholderoutreach@socalgas.com)
- » CBOSG input and other meeting documentation to be summarized in quarterly progress reports to the CPUC, and submitted to technical consultants for consideration as appropriate

# CBOSG Application

- » CBOSG selection criteria, may include (but is not limited to):
  - » A minimum of five (5) years of Community Based Organizing in Los Angeles Basin
  - » Previous or current projects in community outreach efforts within the Los Angeles Basin area
  - » Demonstrate a strong and diverse network
  - » Strong roots within the community
  - » Demonstrate leadership in their local community members
  - » Be able to reach their members and diverse stakeholders to share information
  
- » Three application questions
  1. Why are you interested in becoming a member of the Angeles Link Community Based Organization Stakeholder Group?
  2. What is the mission of your organization? What relevant previous experience does your organization have?
  3. Do you have prior experience, service, and/or involvement on an advisory group? If so, what was it related to?

# CBOSG Compensation Guidelines



- » As constituted by the CPUC's approval of Phase 1 of Angeles Link, CBOs will receive a \$500\* per-diem stipend for their participation at quarterly stakeholder meetings
- » The CPUC Energy Division and the PAG members will develop a plan and set of procedures to compensate members of the CBOSG
- » 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

\*Final compensation amount subject to CPUC approval

# CBOSG Meetings

- » CBOSG meeting will be held quarterly and are anticipated to run through July 2024
- » Agendas and supporting materials will be provided to CBOSG members prior to the quarterly meetings
- » Meetings will involve presentations by industry experts as well as round table discussions and interactive exercises to facilitate dialogue among the CBOSG
- » Meetings are tentatively planned to alternate between in-person and virtual to accommodate members' schedules

# CBOSG Meeting Schedule (Tentative)

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

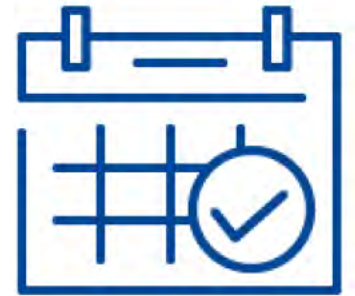


# Meeting Survey

# Q&A DISCUSSION

# Next Steps... APPLY

- » CBOSG Application is open NOW
- » Submit Application by April 28, 2023 to [stakeholderoutreach@socalgas.com](mailto:stakeholderoutreach@socalgas.com)
- » Submit questions to [almarquez@leeandrewsgroup.com](mailto:almarquez@leeandrewsgroup.com)
- » Next meeting will take place in-person in early June
  - » Save the date will be sent with logistics
- » CBOSG Meeting Summary Report will be submitted to SoCalGas
- » Meeting Summary Report will be incorporated into SoCalGas Quarterly Report to the CPUC



[CBOSG Application Link](#)



**THANK YOU FOR YOUR  
PARTICIPATION**



## **Angeles Link Community Based Organization Stakeholder Group Application**

### **About the Angeles Link**

SoCalGas is proposing to develop what could be the nation's largest clean renewable hydrogen pipeline system, that could deliver clean, reliable, renewable energy to the Los Angeles region. As envisioned, the Angeles Link could support the integration of more renewable electricity resources like solar and wind and could significantly reduce greenhouse gas emissions from electric generation, industrial processes, heavy-duty trucks, and other hard-to-electrify sectors of the Southern California economy. Angeles Link could also 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.

### **Angeles Link Community Based Organization Stakeholder Group**

SoCalGas is committed to engaging in a robust and transparent stakeholder engagement process with a diverse group of stakeholders in developing Angeles Link. As such, SoCalGas is creating a Community Based Organization Stakeholder Group (CBOSG) composed of organizations that advocate for environmental social justice and represent and serve disadvantaged communities that could be impacted by the Angeles Link. The purpose of the CBOSG is to identify and address potential impacts the Project may have on these communities. The CBOSG will meet on a quarterly basis and CBOs will be eligible for a per meeting stipend of \$500 for their participation.<sup>1</sup>

### **Community Based Organization Outreach Group (CBOSG) Selection Process and Criteria**

SoCalGas is seeking participation from a diverse group of CBOs that have a history of engaging in hydrogen and other energy infrastructure proposals in the Los Angeles Basin or that represent disadvantaged communities in Los Angeles. This includes, but is not limited to, environmental and social justice organizations, faith-based organizations, education organizations, affordable housing providers, health care providers, tribal communities, and organizations that serve disadvantaged youth.

SoCalGas will be launching an application for the CBOSG on March 16, 2023, to help interested organizations to participate in the CBOSG. In order to be as prepared as possible for upcoming meetings, we ask that applications be submitted by April 28, 2023. However, we recognize this is an on-going process and are open to accepting applications from interested parties until May 19, 2023; following this date please contact SoCalGas to determine if there is availability on the CBOSG. The Angeles Link staff welcome all to apply against the selection criteria outlined below. All organizations interested in being part of the CBOSG are required to submit an application, which can be provided in English or Spanish. Selected organizations will be notified by May 15, 2023, and the first in-person meeting will take place on June 22<sup>nd</sup>, 2023.

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<sup>1</sup> Final compensation amount is subject to California Public Utilities Commission Approval



Applications will be considered on a rolling basis, and if vacancies become available in the future, additional members will be added to the CBOSG.

### *Selection Criteria of Community Based Organization Stakeholder Group*

Below is criteria that may be used when selecting CBOSG members:

- Must have previous or current projects and community outreach efforts within the Los Angeles Basin area;
- Demonstrate a strong and diverse network including community engagement and previous experience communicating information to their networks;
- Strong roots within the community
- Established rapport within the community that they represent and demonstrate leadership in their local community members;
- Diversity in membership: community organizations selected will be able to reach and share information with their members and various diverse stakeholders;
- Individuals applying on behalf of an organization must be authorized to speak on behalf of the entity.

It is expected that all CBOSG members are committed to actively engaging in this collaborative process, including attending scheduled meetings and meeting all the criteria outlined above. CBOSG members are responsible for notifying SoCalGas if they are not able to participate or provide an alternate to attend in their place.

### **Community Based Organization Outreach Group Membership Details**

#### *Final CBOSG Decision-Making and Confirmation*

SoCalGas will begin reviewing applications on May 1, 2023. The selection process will be based on the criteria outlined above. Acceptance into CBOSG will be notified via email by May 15, 2023.

Once an organization has been accepted as part of the CBOSG they are required to sign the participation agreement which includes public disclosure of their participation. Each organization will be allowed to designate an alternate if the primary member cannot attend the meeting. The alternate will be required to submit an interest form and sign the participation agreement.

#### *Stipend*

Community Based Organizations will receive a \$500 stipend per meeting attended. Final compensation amount is subject to California Public Utilities Commission (CPUC) approval. These meetings will be held quarterly. If there are any other meetings added, the Community Based



Organization will be notified with ample time to be able to accommodate their participation. CBO Stakeholder meetings will need to be attended by the CBO's primary or alternate member.

#### *Meeting Date, Time, and Location*

CBOSG meetings will be held on a quarterly basis throughout Phase 1 of the project. The meetings will be organized and facilitated by the Lee Andrews Group and will consist of both virtual and in-person formats. If an in-person meeting is required, the participant will be given ample notice to be able to attend and lunch will be provided should we work into the lunch hour. There will however be a hybrid option available at all meetings. Should public health guidelines require, the meetings will take place virtually via Zoom. Spanish language interpretation services will be provided at all meetings.

#### **Stakeholder Community Based Organization Group Engagement Guidelines**

To facilitate mutual and respectful participation all CBOSG members agree to the following:

- Be punctual, respect time limits for agenda items, and plan to stay for the entire meeting.
- Actively participate in the review of materials and discussion and prioritize their involvement to maximize the benefit of all participants.
- Communicate openly and directly, be courteous, listen attentively, and be respectful of other points of view.
- Participate fully in the group exchange, and do not engage in sideline conversations, crosstalk, or distracting behaviors.
- Refrain from any form of personal attacks or use of profanity.
- Respect the role of the facilitator as a professional committed to keeping meetings productive and on track.
- SoCalGas pledges to hear all sides and record feedback.
- SoCalGas is committed to openly replying to questions, comments, and concerns.
- SoCalGas will review and learn from CBOSG feedback.

The staff of Angeles Link reserves the right to remove any members of the CBOSG if they do not comply with the Engagement Guidelines outlined above.



**Community Based Organization Stakeholder Group  
Angeles Link Application**

**Please return to [alstakeholder@socalgas.com](mailto:alstakeholder@socalgas.com)**

Community Based Organization: \_\_\_\_\_

Primary Representative Name: \_\_\_\_\_

Alternate Representative Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Organization Address: \_\_\_\_\_

Primary Representative Email Address: \_\_\_\_\_

**Alternate Representative Email Address:** \_\_\_\_\_

**Application Questions:**

*Please attach answers on a separate sheet*

1. Why are you interested in becoming a member of the Angeles Link Community Based Organization Stakeholder Group?
2. What is the mission of your organization? What relevant previous experience does your organization have?
3. Do you have prior experience, service, and/or involvement on an advisory group? If so, what was it related to?

I hereby certify that, to the best of my knowledge, the information provided above is true and accurate.

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

*The information provided by you on this application (including contact or other personal information is public record and may be released through a California Public Records Act request.)*

For more information contact [alstakeholder@socalgas.com](mailto:alstakeholder@socalgas.com) or  
Emily Grant, Angeles Link Sr. Public Affairs Manager at 714-388-4889



**Appendix 3**  
**PAG/CBOSG Guiding**  
**Principles Document**

# SoCalGas Angeles Link

## Planning Advisory Group (PAG)

### Guiding Principles

#### INTRODUCTION

Angeles Link (Project) may bring potential public interest benefits to the state by decarbonizing the state's and LA Basin's energy future and bring economic opportunities and new jobs to the region. The objective of the Project is to develop a clean renewable hydrogen energy transport system to serve the Los Angeles Basin. SoCalGas is establishing a Planning Advisory Group (PAG) to provide technical advice and collaboration on Project design and development.

PAG members will discuss important benefits, issues and concerns related to environmental justice, workforce development, water supply sources, potential pipeline routes, environment, right-of-way/land use, and other relevant Project issues.

SoCalGas proposed convening a PAG in its Application to the California Public Utilities Commission (CPUC)<sup>1</sup> and the final Decision granting SoCalGas the authority to record costs of performing Phase One feasibility studies for the Project included a requirement to conduct quarterly meetings with PAG members. The PAG is a representative group of stakeholders covering a broad array of interests and expertise, including but not limited to: government entities, environmental justice non-profits, environmental non-profits, labor groups, industry groups, academic groups and ratepayer advocates.

#### WHO WE ARE

PAG membership was extended to specific participants to promote a broad, diverse, and representative group while also providing the ability of its members to all be heard and actively participate in the meetings. Interested non-parties and observing agencies will be given the opportunity to observe the meetings as non-members. The following is a brief introduction of the PAG members and facilitators:

*Notes: A separate stakeholder meeting process involving Community Based Organizations (CBO) that represent environmental and social justice issues and disadvantaged communities, and other non-parties will also be convened on a quarterly basis and will track similar subject matters including those specific to local community issues.*

**SoCalGas** is a subsidiary of Sempra (energy infrastructure company in San Diego), servicing 21.8 million customers over 24,000 square miles. Gas delivered through the company's pipelines will continue to play a key role in California's clean energy transition—providing electric grid reliability and supporting wind and solar energy deployment.

**Arellano Associates (AA)** is a high-tech communications firm focused on public and stakeholder communication and engagement. AA projects are primarily oriented toward transportation, energy and

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<sup>1</sup> [Link to SoCalGas Angeles Link Application](#)

water and located throughout the Southern California Association of Governments region including six counties and 191 cities. As a woman and minority owned business, AA staff is committed to justice, equity, diversity, and inclusion (JEDI) principles for all projects.

***PAG Member #1- add list of PAG members and brief description of each organization.***

***PAG member #2 etc.-***

## **TOPICS FOR DISCUSSION**

- Pipeline Safety and Design
- Clean Renewable Hydrogen Sourcing and End Uses
- Environmental and Social Justice issues
- Pipeline Routing Analysis including Preliminary Environmental and Permitting Analysis
- Workforce Development and Training
- Ratepayer Considerations and Budget/Finance
- Technical Studies Review

## **MEETING FORMAT/SCHEDULE**

- PAG meetings will be held quarterly through Phase 1, which is anticipated to last through 2nd Quarter 2024.
- Agendas and supporting materials will be provided to PAG members prior to the quarterly meetings.
- Meetings will be a mix of in-person and virtual to accommodate members schedules.
- Meetings will involve presentations by subject matter experts as well as round table discussions and interactive exercises to facilitate dialogue among the PAG members.

## **PRINCIPLES:**

- PAG 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
- PAG participation is voluntary and compensation is governed by the Angeles Link Final Decision (DR.22-12-055)
- Proposed by SoCalGas and established by the Angeles Link Final Decision (DR.22-12-055), the PAG is advisory in nature and as such does not have decision-making power

## **PAG ENGAGEMENT GUIDELINES**

- To facilitate mutual and respectful participation all PAG members agree to the following: Be punctual, respect time limits for agenda items, and plan to stay for the entire meeting.
- Actively participate in review of materials and discussion and prioritize involvement to maximize benefit to all participants.

- Communicate openly and directly, be courteous, listen attentively, and be respectful of other points of view.
- Participate fully in the group exchange, and do not engage in sideline conversations, crosstalk, or distracting behaviors.
- Refrain from any form of personal attacks or use of profanity.
- Respect the role of the facilitator as a professional committed to keeping meetings productive and on track.
- SoCalGas pledges to hear all sides and record feedback.
- SoCalGas is committed to openly replying to questions, comments, and concerns.
- SoCalGas will review, absorb, utilize, and/or learn from PAG feedback throughout the duration of the Project.

SoCalGas has the discretion remove PAG members from the official roster if they fail to meet these rules of engagement.

**Appendix 4**  
**Links to PAG and CBOSG**  
**meeting recording**

Link to Angeles Link PAG #1 meeting recording

<https://vimeo.com/808771715/ecb7e14e58>

Link to Angeles Link CBOSG #1 meeting recording

<https://vimeo.com/818802166/4de03c8a21>

**Appendix 5**  
**Summary of PAG Meeting**



ANGELES LINK



# ANGELES LINK: PLANNING ADVISORY GROUP MEETING #1

## Meeting Summary

April 6, 2023



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## Background

SoCalGas proposed the Planning Advisory Group (PAG) concept in its Angeles Link Memo Account Application to obtain continuous feedback from a diverse set of stakeholders on the Angeles Link project. In the Angeles Link Final Decision, the California Public Utilities Commission stated that the PAG was established to provide technical advice and to collaborate on the exploration of developing clean renewable hydrogen infrastructure. SoCalGas will partner with the PAG so a broad range of stakeholders meaningfully participate and provide input. PAG meetings will occur every quarter and are expected to continue until July 2024, featuring presentations from SoCalGas, industry experts, and others, as well as round table discussions and interactive exercises to receive technical guidance and collaborate with members. The first PAG Meeting for the Angeles Link Project was held on Wednesday, March 15, 2023, via Zoom. The purpose of the meeting was to:

- Introduce the Project team and PAG Members
- Outline the PAG procedures and schedule
- Provide an overview of Angeles Link, Phase 1, and ALMA Workstreams
- Solicit input and feedback from PAG Members

The following is a list of organizations that were invited to participate in the PAG:

- Agricultural Energy Consumers Association
- Air Products
- AltaSea
- Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES)
- Bloom Energy
- CA Hydrogen Business Council
- Cal Advocates
- California Air Resources Board
- California Energy Commission
- California Environmental Justice Alliance
- California Manufacturers and Technology Association
- California State Pipe Trades Council
- City of Long Beach
- Clean Energy
- Communities for Better Environment
- CPUC Energy & Safety Divisions
- Environmental Defense Fund
- Environmental Justice League
- GoBiz
- Green Hydrogen Coalition
- Harbor Trucking Association
- International Longshore and Warehouse Union 13
- Independent Energy Producers Association
- Indicated Shippers
- Los Angeles Department of Water and Power
- Metropolitan Water District (MWD)
- Natural Resources Defense Council
- Port of Los Angeles
- Protect our Communities Foundation
- Reimagine LA
- South Coast Air Quality Management District
- Sierra Club
- Southern CA Association of Governments
- Southern California Generation Coalition
- Southern California Leadership Council
- Southern California Water Coalition
- The Utility Reform Network
- UC Davis Sustainable Transportation Energy Pathways
- UCI Advanced Power and Energy Program
- University California Riverside
- Utility Consumers' Action Network
- Utility Workers Union of America 132
- Utility Workers Union of America 483

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

## Welcome

- Chester Britt, PAG Facilitator, opened the meeting by reviewing meeting protocols and providing a brief overview of the agenda.
- Neil Navin, Chief Clean Fuels Officer at SoCalGas, explained the three main objectives of California's clean energy systems:
  - Energy security with stable access to resilient and reliable energy
  - Energy that is affordable and accessible to consumers
  - Energy systems that serve the future and deliver ever increasingly decarbonized fuels.
- Mr. Navin explained that renewable hydrogen is an important part of realizing energy reliability and resiliency goals for Southern California.
- Mr. Navin discussed the recently approved efforts for SoCal Gas to track the costs of Angeles Link Phase 1, and establish this planning advisory group to collaborate; discuss the benefits, issues, and concerns; and build a project that will be "game changing" for the region.
- Mr. Navin explained that SoCalGas firmly believes that green hydrogen will play a critical role in helping California achieve its energy goals.

## Safety & Sustainability Moment

- Mr. Britt introduced Emily Grant, Senior Public Affairs Manager for SoCalGas Angeles Link Project.
- Ms. Grant thanked everyone for their participation and explained SoCalGas's practice of including a safety and sustainability message at the beginning of meetings.
- Ms. Grant explained that the "little things" really matter for sustainability, that it is important to act sustainably and set an example for those around you.

## Introductions

- Mr. Britt facilitated a round of self-introductions and asked participants to share what excites or concerns them about participating in the PAG. PAG member comments included the following:
  - Russell Lowery, Environmental Justice League
    - Excited about shaping the process before the project is initiated and ensuring priorities are reflected in the design and implementation from the beginning.
    - Concerns about being associated with corporate interest.
  - Jack Chang, California Public Utilities Commission
    - Excited about participating and ensuring that all voices will provide meaningful input on the project and planning process.
  - Katrina Fritz, California Hydrogen Business Council
    - Excited to be part of the PAG to understand the process required to build such a pipeline and if it's replicable in other areas.
    - Concerns related to bringing all stakeholders together to make good decisions based on technical information for safely implementing a common carrier hydrogen pipeline.
  - Michael Galvin, Port of Los Angeles
    - Interest in understanding how consumer confidence issues in supply and going to be resolved so tenants make sure they feel confident in seeing hydrogen as an alternative for zero emission equipment in the future.

- Importance in finding solutions to renewable hydrogen to meet larger goals.
- Michael Colvin, Environmental Defense Fund
  - Interest in ensuring both economic and environmental protections attached to the Angeles Link project.
  - Wants to make sure that the investment for the future needs of hydrogen is right-sized.
  - Concerns about the rapidly evolving space and the changing science of appropriate safeguards required to do this properly.
- Pete Buddon, Natural Resources Defense Council
  - Excited to be involved in this first-of-its-kind project but is concerned about right-sizing the investment for the future needs of hydrogen.
  - Keen to ensure that hydrogen is only deployed in its most high value uses to bring down emissions.
- Theo Torretto, Communities for a Better Environment
  - Concerns about whether communities will be adequately listened to and uplifted in the hydrogen policy proceedings.
- Matt Schrapp, Harbor Trucking Association
  - Concerns about productive discussion being derailed.
  - Concerns about an adequate supply of fueling for regulatory policy for drayage trucks in California.
- Roberto Cabrales, Communities for a Better Environment
  - Concerns about environmental justice and cumulative impacts in Wilmington.
  - Advocates for close examination of new projects' potential impacts.
- Charlie Wilson, Southern California Water Coalition
  - Concerns about finding ways to make meaningful impact to move things forward in meeting California's aggressive goals.
- Lorraine Paskett, Air Products
  - Advocates for better coordination around ARCHES meetings.
- Tyson Siegele, Utility Consumers Action Network
  - Concerns related to
    - Increasing costs with hydrogen use
    - Current and future clean hydrogen supply
    - Demand for clean hydrogen
    - Unvetted/non-commercialized technology
    - Transparency
  - Believes that disadvantaged communities and environmental justice should be a top issue to discuss.
  - Excited that safety and data sharing will be part of PAG discussions
  - Looks forward to productive advisory group meetings and completely vetting inputs and outputs.
- Mike Cormode, Utility Workers Union Local 132
  - Interest in seeing how the company's plans for the future will affect current and future employees.
- Rodney Cobos, Southern California Pipe Trades
  - Appreciates the opportunity to be part of the PAG and move the project forward.
- JP Gunn, Air Products

- Interest in a robust process ahead and determination of project viability.
- Interest in being a member to hear robust conversations through all parties.
- Maddie Munz, Agricultural Energy Consumers Association
  - Concerns regarding ratepayer costs and safety implications.
- Mark Jurisic, International Longshore and Warehouse Union Local 13
  - Very interested in project's success.
  - Working closely with employers on beta testing equipment.
- Aaron Stockwell, The United Association
  - Interest in replacement work for their members as the hydrogen economy grows.

## Planning Advisory Group (PAG) Overview/Procedures/Schedules

- Mr. Britt explained the role of the Arellano Associates team in communicating with PAG members, setting up meetings, and developing future content.
- Ms. Grant explained that she is the main point of contact for SoCalGas for the PAG and encouraged members to reach out, highlighting again the desire for this process to be collaborative.
- Mr. Britt provided an overview of the PAG
  - Method to receive feedback on Phase 1 studies from diverse stakeholder groups
  - Estimate that it will take 12-18 months to complete Phase 1 studies
  - Established to provide technical advice and collaborate on the exploration of developing renewable hydrogen infrastructure
- Mr. Britt provided an overview of meeting procedures:
  - Will be held quarterly
  - Anticipate running through the middle of 2024
  - Materials will be provided prior to PAG meetings
  - Will include presentations from SoCal Gas and industry experts on various subject matters, roundtable discussions, information education, interactive surveys, and technical advice
- Potential future topics for discussion mentioned include:
  - Pipeline safety and design
  - Clean renewable hydrogen sourcing and end uses
  - GHG emissions and NOx emissions
  - Environmental and social justice issues
  - Pipeline routing analysis
  - Permitting analysis
  - Workforce development and training
  - Ratepayer considerations and financing
  - Technical studies
- Mr. Britt underscored the importance of transparency throughout this process and recognized that this is an equitable process that will be integral to developing equitable energy solutions.
- Mr. Britt noted that this is not a legal process, and that the PAG is not a voting body, but an advisory group.
- Mr. Britt introduced Alma Marquez, Vice President of Government Relations at the Lee Andrews Group.
- Ms. Marquez explained her role as the community-based organization stakeholder group (CBOSG) facilitator.

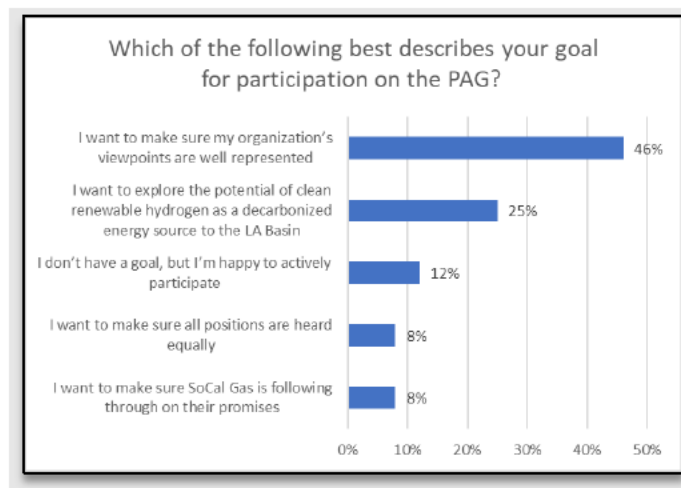
- She explained that the CBOSG will have separate meetings to discuss CBO engagement in the Phase One studies in more detail with environmental social justice organizations, disadvantaged communities, faith-based and school-based organizations.
- She explained the process underway to develop a CBO compensation policy that will be shared; SoCalGas is proposing to compensate CBOs \$500 per diem.
- She notified the group of an upcoming CBOSG meeting taking place on March 16<sup>th</sup>.
- Mr. Britt reviewed PAG engagement guidelines:
  - Communicate open and directly
  - Be curious, good listeners, and respectful of everyone's points of view
- Mr. Britt reviewed documentation procedures, including meeting summary reports, quarterly SoCal Gas reports, and comment logs.

## PAG Discussion Round 1

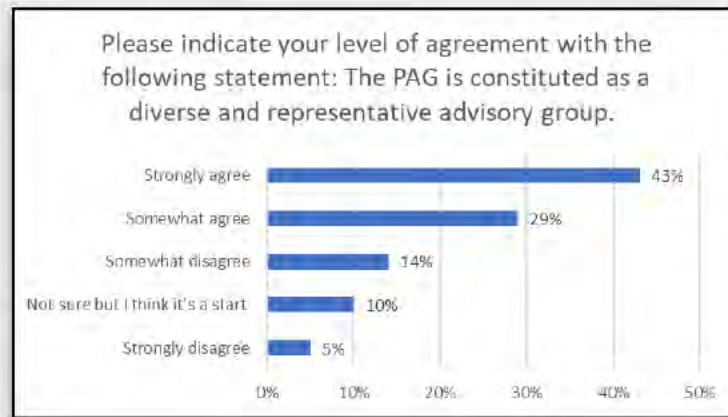
- Michael Colvin, Environmental Defense Fund, asked whether PAG members will have an opportunity to review quarterly reports before they are submitted.
  - Jill Tracy, SoCal Gas, explained that input from the PAG meetings will be included in the quarterly report and that same information will be shared in the PAG.
- Tyson Siegele, Utility Consumer's Action Network, asked if PAG members can receive the quarterly report a week before it is submitted to the Commission.
  - Ms. Tracy explained that there is no implication in the reports that PAG members necessarily endorse the material included in the report. She continued by explaining that SoCal Gas will seek input from the PAG and incorporate that into ongoing studies.
- Russel Lowery, Environmental Justice League typed into the chat, "Supplier Diversity has to be part of the discussion."

## Member Survey Round 1

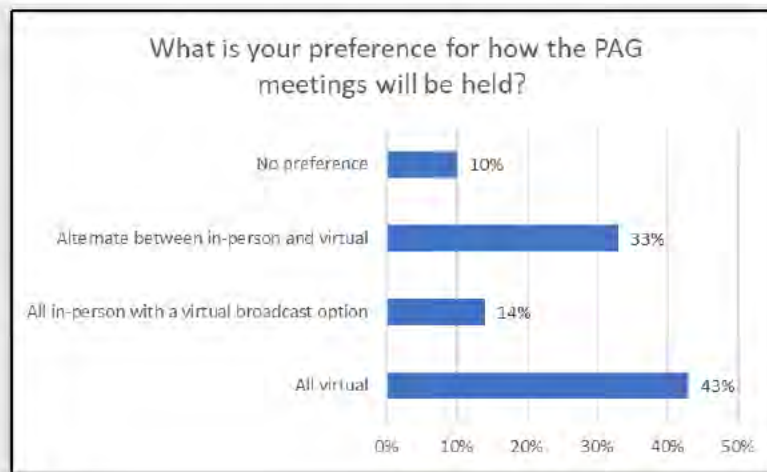
### Poll Question 1



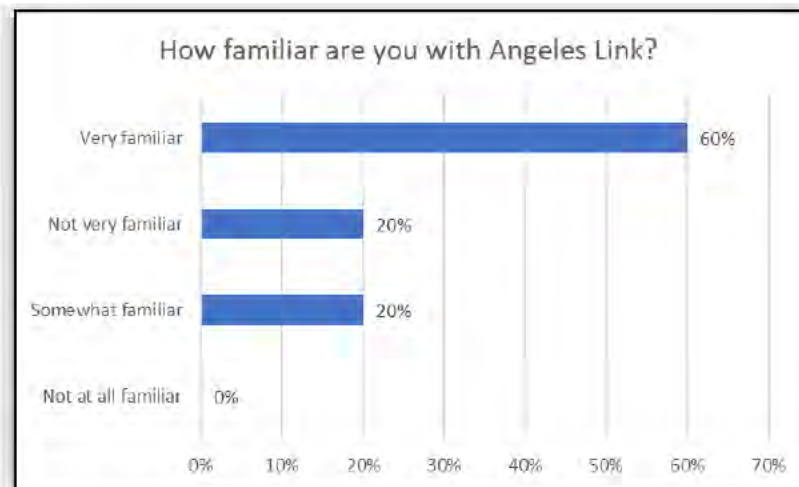
**Poll Question 2**



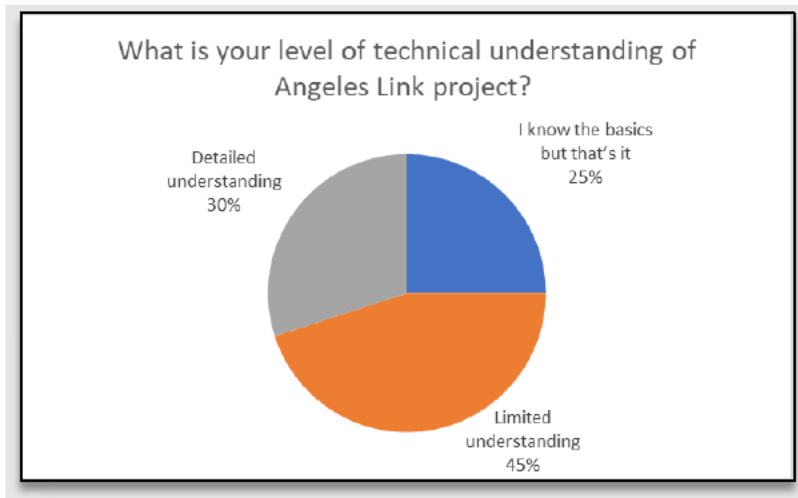
**Poll Question 3**



**Poll Question 4**



### Poll Question 5



### Angeles Link Overview

- Mr. Navin, SoCalGas, provided background information on the Angeles Link project:
  - Significant opportunity to reduce GHG emissions and improve local air quality
  - Focus on hard-to-electrify parts of the industrial and commercial economies (e.g., heavy duty transportation)
  - Potential to displace almost a billion gallons of diesel a year, reduce NO<sub>x</sub> emissions by as much as 25,000 tons, and reduce as much as 14.5 million metric tons of CO<sub>2</sub> a year
- Mr. Navin explained that this project is focused specifically on connecting clean renewable hydrogen producers with potential consumers by developing infrastructure that connects production to supply.
- Phase 2 of the project will focus on a more detailed front-end engineering and design effort
- Phase 3 would focus on compiling a more detailed engineering assessment, supporting the CEQA analysis, and ultimately delivering the information necessary to seek a certificate of public convenience and necessity.

### Phase 1 Overview/Angeles Link Memo Account (ALMA) Phase 1 Workstreams

- Armando Infanzon, SoCalGas reviewed the market assessment priorities for the project, primarily in two focus areas:
  - The first is to identify demand and users for clean renewable hydrogen and assess production primarily in three areas:
    - Mobility sector
    - Dispatchable power generation
    - Industrial sector
  - The second area is to assess the potential of production of clean renewable hydrogen in Southern California, primarily assessing the potential incremental renewables matching with availability of water resources in the area

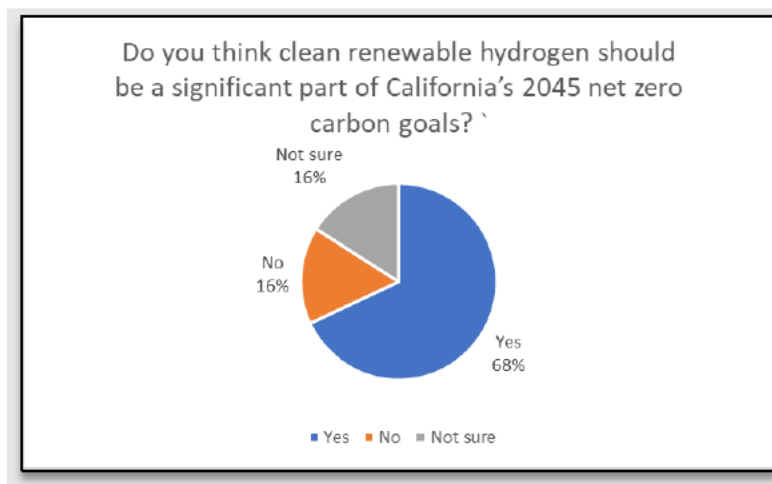


- Yuri Freedman, SoCalGas reviewed efforts to partner with Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES) on statewide application for federal funding provided through the Infrastructure Investment and Jobs Act (IIJA).
- Mr. Freedman explained the project's coordination with ARCHES and efforts to apply to the Department of Energy before April 7<sup>th</sup> of this year.
- Mr. Freedman explained that this project analysis will include a localized hydrogen hub and electrification options to ultimately determine the best solution for California decarbonization.
- Jill Tracy, SoCalGas reviewed the process for submitting quarterly reports to the CPUC.
- Ms. Tracy explained Phase 1 environmental and land use studies, beginning with water resources:
  - Began work in January
  - Anticipated completion in late July or early August of 2023
- Ms. Tracy explained that the next study will be a high-level environmental and permitting analysis from April to September 2023.
- Additional environmental studies include a focus on air, specifically GHG emissions, NOx emissions and hydrogen leakage.
- There will also be a focus on right of way and franchise agreements, as well as an environmental assessment focusing on environmental justice and affordability concerns.
- Amy Kitson, SoCalGas expanded on the engineering and technology studies undergoing in Phase 1. Considerations include:
  - Pipeline routing; configuration; pipeline sizing and design; long-term system and operational requirements; and storage options.
  - Two final studies include safety requirements and workforce planning, training and evaluation.
- Ms. Kitson explained that studies will start in March or April, with the goal of submitting reports and data by the third and fourth quarters of 2024 but noted that the timing could change.

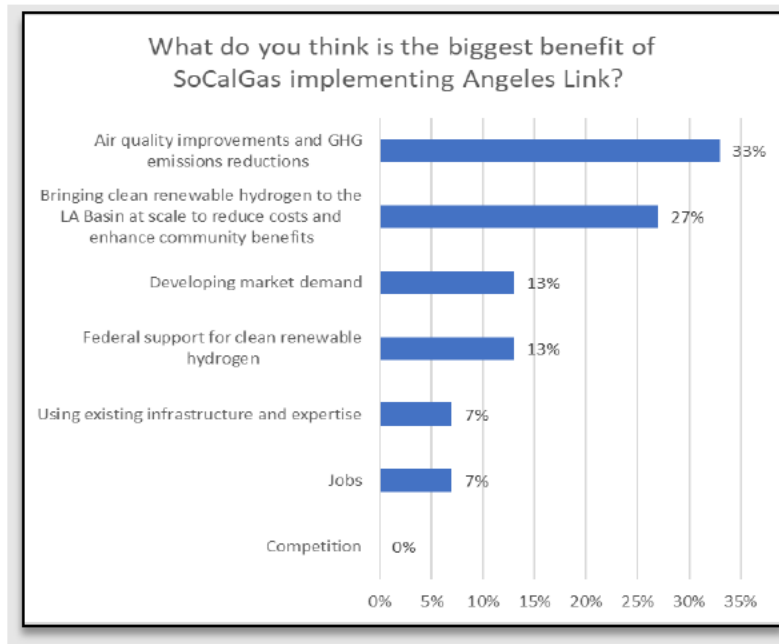
## Member Survey Round 2

- A second anonymous survey was conducted via Zoom poll with the following questions and results:

### Poll Question 6



### Poll Question 7



### PAG Discussion Round 2

- Lorraine Paskett, Air Products typed into the chat: Armondo, will you be looking at production capacity in basin for your own application and request to enter the hydrogen market as a hydrogen producer in the future or will you limit your market entry to just the large trunk line?
  - Armando Infanzon, SoCalGas answered that they are going to assess the production potential in the area to understand what levels of clean renewable hydrogen they have in different components, but the main focus is on connecting producers and end users.
- Russel Lowery, Environmental Justice League typed into the chat: Can we adopt a definition of social justice, so we are all on the same page about that goal? When we use the phrase environmental justice, we mean an evaluation of environmental impacts on minority communities and prioritizing those same communities for environmental benefits and project mitigation strategies.
  - Jill Tracy, SoCalGas agreed with this idea.
  - Theo Caretto typed into the chat: I'm not sure the above definition is totally aligned with CBE's definition of Environmental Justice but would be willing to work on a definition!
- Tyson Siegele, Utility Consumers Action Network typed into the chat: It looks like much of the engineering work will need demand data collection and analysis to be completed. Is that correct?
  - Amy Kitson, SoCalGas confirmed it was correct.
- Tyson Siegele noted there will be a significant amount of market analysis that would need to go into the input for the engineering technology section and asked the team to clarify how they see the current schedule and the overlap between the two pieces.
  - Amy Kitson responded there are studies that will wait but there has already been preliminary work done for the application. She noted the work will move forward as they wait for input from both the demand and environmental review.

- Tyson Siegele asked about how SoCalGas would address concerns about the data provided about foreseen demand and how those concerns would be incorporated.
  - Armando Infanzon answered that there will be a detailed demand analysis that will validate and calibrate demand with some of the existing available forecasts.
- Michael Colvin, Environmental Defense Fund asked about analysis of price differences between centralizing hydrogen procurement and transporting it into the LA basin versus making hydrogen in the basin.
  - Armando Infanzon answered that Phase 1 will include cost-effectiveness analyses of these components.
- Norman Peterson, Southern California Generation Coalition typed into the chat: How will Amy's work on routing in Southern California tie with ARCHES development of the 4/7/23 application to DOE which, as I understand it, is to be statewide (i.e., extend into the PG&E service territory)?
  - Yuri Freedman of SoCalGas answered that it is the transportation infrastructure asset that will be critical to bring large amounts of hydrogen to the L.A. Basin.
- Christina Tan, Bloom Energy asked how the Los Angeles League project scope is either expected to change or will it change just depending on the fate of Aliso Canyon?
  - Neil Navin of SoCalGas answered that their application intentionally explored the potential to ultimately supplant some of the demand met by Aliso Canyon. In fact, their filing suggested that the energy equivalent of about 25% of current natural gas demand could be met by hydrogen at some point.
- The following questions and comments were also provided in the chat but were not responded to during PAG #1.
  - Lorraine Paskett: Clarification to Amy, you mentioned storage will you be reviewing environmental feasibility for hydrogen storage in addition to the large pipeline and will that be part of your proposed market entry request before the CPUC?
  - Rodney Cobos of California State Pipe Trades Council: As far as job creation, is there an estimate as to how many good paying jobs Angeles Link would create?
  - Tyson Siegele: How will SoCalGas incorporate the hydrogen PTC from the IRA into its analyses?
  - Tyson Siegele: ... both for centralized generation and for "behind the meter" electrolyzers?
  - Tyson Siegele: Will PAG members have the option of giving presentations to SoCalGas in future meetings?

## Key Themes from PAG #1

- Request for clarification on the role of the PAG and how the group fits into the larger Project process.
- Community concerns and priorities should be reflected in the project's design and implementation.
- Importance of hearing from a diverse group of organizations.
- Concerns regarding the energy-intensive nature of producing hydrogen.
- Emphasis on exploring cost-effective pathways for hydrogen deployment.
- 68% of responding PAG members agreed that clean renewable hydrogen should be a significant part of California's 2045 net zero carbon goals.
- 33% indicated air quality improvements and GHG emissions reductions were the most significant benefits of Angeles Link.

## Next Steps Discussed in PAG #1

- Chester Britt reviewed next steps for the project, including:
  - 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 CPUC
  - CBO stakeholder meeting held on March 16<sup>th</sup>

## Appendix A

### PAG #1 Attendee Roster

#	First Name	Last Name	Affiliation	Email
<b>PAG Members</b>				
1	Maddie	Munson	Agricultural Energy Consumers Association	<a href="mailto:mmunson@westcoastadvisors.com">mmunson@westcoastadvisors.com</a>
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3	Lorraine	Paskett	Air Products	<a href="mailto:pasketl@airproducts.com">pasketl@airproducts.com</a>
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5	Rizaldo	Aldas	California Energy Commission	<a href="mailto:Rizaldo.Aldas@energy.ca.gov">Rizaldo.Aldas@energy.ca.gov</a>
6	Katrina	Fritz	California Hydrogen Business Council	<a href="mailto:kmfritz@californiahydrogen.org">kmfritz@californiahydrogen.org</a>
7	Theo	Caretto	Communities for a Better Environment	<a href="mailto:theodore@cbeal.org">theodore@cbeal.org</a>
8	Roberto	Cabrales	Communities for a Better Environment	<a href="mailto:rcabrales@cbeal.org">rcabrales@cbeal.org</a>
9	Christopher	Arroyo	California Public Utilities Commission	<a href="mailto:christopher.arroyo@cpuc.ca.gov">christopher.arroyo@cpuc.ca.gov</a>
10	Nick	Zanjani	California Public Utilities Commission	<a href="mailto:nick.zanjani@cpuc.ca.gov">nick.zanjani@cpuc.ca.gov</a>
11	Jack	Chang	California Public Utilities Commission	<a href="mailto:jack.chang@cpuc.ca.gov">jack.chang@cpuc.ca.gov</a>
12	Michael	Colvin	Environmental Defense Fund	<a href="mailto:mcolvin@edf.org">mcolvin@edf.org</a>
13	Russell	Lowery	Environmental Justice League	<a href="mailto:Russell@highviewstrat.com">Russell@highviewstrat.com</a>
14	Mike	Galvin	Government Owned and Operated	<a href="mailto:mgalvin@portla.org">mgalvin@portla.org</a>
15	Matthew	Schrap	Harbor Trucking Association	<a href="mailto:Matt@harbortrucker.com">Matt@harbortrucker.com</a>
16	Mark	Juriscic	International Longshore Warehouse Union	<a href="mailto:mark.juriscic@ilwu13.org">mark.juriscic@ilwu13.org</a>
17	Rashad	Rucker-Trapp	Los Angeles City Commissioner	<a href="mailto:rashad.ruckertrapp@reimaginelafoundation.org">rashad.ruckertrapp@reimaginelafoundation.org</a>
18	Pete	Budden	Natural Resources Defense Council	<a href="mailto:pbudden@nrdc.org">pbudden@nrdc.org</a>
19	Norman	Pedersen	Southern California Generation Coalition	<a href="mailto:npedersen@hanmor.com">npedersen@hanmor.com</a>
20	Charley	Wilson	SoCal Water	<a href="mailto:cwilson@socalwater.org">cwilson@socalwater.org</a>
21	Rodney	Cobos	Southern California Pipe Trades	<a href="mailto:rcobos@socalpipe.org">rcobos@socalpipe.org</a>
22	Aaron	Stockwell	United Association	<a href="mailto:astockwell@uanet.org">astockwell@uanet.org</a>
23	Tyson	Siegele	Utility Consumers' Action Network	<a href="mailto:tyson@cleanstrat.com">tyson@cleanstrat.com</a>
24	Mike	Cormode	UWUA Local 132	<a href="mailto:mikecormode@uwua132.org">mikecormode@uwua132.org</a>
25	Ernest	Shaw	UWUA local 483	<a href="mailto:ernie.shaw@yahoo.com">ernie.shaw@yahoo.com</a>

#	First Name	Last Name	Affiliation	Email
<b>Project Team</b>				
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28	Sohrab	Mikanik	Arellano Associates	<a href="mailto:smikanik@arellanoassociates.com">smikanik@arellanoassociates.com</a>
29	Chester	Britt	Arellano Associates	<a href="mailto:cbritt@arellanoassociates.com">cbritt@arellanoassociates.com</a>
30	Trey	Grogan	Arellano Associates	<a href="mailto:tgrogan@arellanoassociates.com">tgrogan@arellanoassociates.com</a>
31	Rebecca	Nicholas	Fiona Hutton & Associates	<a href="mailto:rnicholas@fionahuttonassoc.com">rnicholas@fionahuttonassoc.com</a>
32	Emmaline	Nguyen	Fiona Hutton & Associates	<a href="mailto:enguyen@fionahuttonassoc.com">enguyen@fionahuttonassoc.com</a>
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34	Joey	Legaspi	Lee Andrews Group	<a href="mailto:jlegaspi@leeandrewsgroup.com">jlegaspi@leeandrewsgroup.com</a>
35	Alma	Marquez	Lee Andrews Group	<a href="mailto:Almarquez@leeandrewsgroup.com">Almarquez@leeandrewsgroup.com</a>
36	Alyssa	Martinez	Lee Andrews Group	<a href="mailto:amartinez@leeandrewsgroup.com">amartinez@leeandrewsgroup.com</a>
37	Lauren	Perez-Rangel	Lee Andrews Group	<a href="mailto:lauren.perez.rangel@gmail.com">lauren.perez.rangel@gmail.com</a>
38	Alan	Rodriguez	Lee Andrews Group	<a href="mailto:arodriguez@leeandrewsgroup.com">arodriguez@leeandrewsgroup.com</a>
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40	Sebastian	Garza	SoCalGas	<a href="mailto:sgarza@socalgas.com">sgarza@socalgas.com</a>
41	Frank	Lopez	SoCalGas	<a href="mailto:FLopez5@socalgas.com">FLopez5@socalgas.com</a>
42	Darrell	Johnson	SoCalGas	<a href="mailto:djohnson@socalgas.com">djohnson@socalgas.com</a>
43	Vageha	Khan	SoCalGas	<a href="mailto:vkhan@socalgas.com">vkhan@socalgas.com</a>
44	Amy	Kitson	SoCalGas	<a href="mailto:akitson@socalgas.com">akitson@socalgas.com</a>
45	Emily	Grant	SoCalGas	<a href="mailto:egrant1@socalgas.com">egrant1@socalgas.com</a>
46	Jill	Tracy	SoCalGas	<a href="mailto:jtracy@socalgas.com">jtracy@socalgas.com</a>
47	Megan	Lorenz	SoCalGas	<a href="mailto:mlorenz@socalgas.com">mlorenz@socalgas.com</a>
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49	Armando	Infanzon	SoCalGas	<a href="mailto:ainfanzon@socalgas.com">ainfanzon@socalgas.com</a>
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52	Katrina	Regan	SoCalGas	<a href="mailto:KRegan@socalgas.com">KRegan@socalgas.com</a>
53	Neil	Navin	Southern California Gas Company	<a href="mailto:nnavin@socalgas.com">nnavin@socalgas.com</a>
54	Yuri	Freedman	Southern California Gas Company	<a href="mailto:yfreedman@socalgas.com">yfreedman@socalgas.com</a>
55	Nikki	Buffa	Latham & Watkins	<a href="mailto:nikki.buffa@lw.com">nikki.buffa@lw.com</a>

**Appendix 6**  
**Summary of CBO**  
**Stakeholder meeting**



ANGELES LINK



# ANGELES LINK: COMMUNITY BASED ORGANIZATION STAKEHOLDER INTRODUCTION MEETING SUMMARY

Meeting Summary

April 7, 2023



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## Background

SoCalGas proposed the Community Based Organization Stakeholder Group (CBOSG) concept in its Angeles Link Memo Account Application (ALMA) to obtain ongoing feedback from a diverse set of stakeholders on the Angeles Link project. In the Angeles Link ALMA Final Decision, the California Public Utilities Commission stated that the CBOSG was established to provide feedback to the project. SoCalGas will partner with CBOSG so that a broad range of stakeholders meaningfully participate and provide input. CBOSG meetings will occur every quarter and are expected to continue until July 2024, featuring presentations from SoCalGas, industry experts, and others, as well as round table discussions and interactive exercises to receive feedback and collaborate with members.

The ALMA Final Decision directed SoCalGas to seek participation from CBOs representing specific sectors in order to obtain a broad range of perspectives. Consultant Lee Andrews Group, as facilitator, along with SoCalGas, reached out to CBOs that were identified in the ALMA Final Decision and developed a wider diverse list of groups from each sector, in order to be more inclusive and allow more organizations to participate and learn about the project. Some of these sectors include environmental justice, environmental social justice, disadvantaged communities, faith-based, affordable housing providers, health care providers, tribal communities, and school-based organizations. Lee Andrews Group and SoCalGas contacted each of the identified organizations to confirm they received their invitation to the introductory meeting.

The kick-off CBOSG meeting for the Angeles Link Project was held on Thursday, March 16, 2023, via Zoom. The purpose of the meeting was to:

- Introduce the Project team and CBOs
- Outline the CBOSG procedures and schedule
- Provide an overview of Angeles Link Project
- Solicit input and feedback from invited CBOs
- Give an overview of the CBOSG Application, and
- Invite CBOs to apply to become part of the CBOSG

The following Community Based Organizations were in attendance:

- Breathe Southern California
- Brotherhood Crusade
- California Public Utilities Commission
- Chinatown Service Center
- Coalition for Responsible Community Development
- Communities for A Better Environment
- Faith and Community Empowerment (FACE)
- Koreatown Youth + Community Center
- LA Indigenous People's Alliance
- LA Más
- Los Angeles City/County Native American Indian Commission
- Los Angeles Urban League
- Mexican American Opportunity Foundation
- Parents, Educators/Teachers & Students in Action (PESA)
- Reimagine LA Foundation
- Soledad Enrichment Action
- Southside Coalition of Community Health Centers
- T.R.U.S.T. South LA
- Willowbrook Inclusion Network
- YMCA of Metropolitan Los Angeles/Southeast Rio Vista YMCA

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

## Welcome

- CBOSG Facilitator Alma Marquez with Lee Andrews Group opened the meeting by reviewing meeting protocols and providing a brief overview of the agenda.

## Safety & Sustainability Moment

- Ms. Marquez introduced Emily Grant, Senior 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, then presented a safety and sustainability message.

## Meet the Facilitator: Lee Andrews Group

- Ms. Marquez introduced Lee Andrews Group as the facilitating party responsible for the Angeles Link CBOSG and gave a brief background of the firm and their work doing public affairs in Los Angeles.
- Ms. Marquez introduced herself as the primary Facilitator of the CBOSG and the VP of Government Relations at Lee Andrews Group. She spoke about her previous experience as an Executive Director of two environmental social justice organizations and working in Disadvantaged Communities (DACs).
- Ms. Marquez introduced her team which included Joseph Legaspi and Lauren Perez-Rangel.
- Joseph Legaspi introduced himself as one of the Facilitators of the CBOSG and the Vice President of Community Affairs at Lee Andrews Group.
- Lauren Perez-Rangel introduced herself as one of the Facilitators of the CBOSG and discussed her background in union organizing and working with various nonprofits in Los Angeles.

## SoCalGas & Angeles Link Project Overview

- Ms. Marquez introduced Neil Navin, Chief Clean Fuels Officer at SoCalGas.
- Mr. Navin, explained the three main objectives of California's clean energy systems:
  - Energy security with stable access to resilient and reliable energy
  - Energy that is affordable and accessible to consumers
  - Energy systems that serve the future and deliver ever increasingly decarbonized fuels.
- Mr. Navin explained that renewable hydrogen is an important part of realizing energy reliability and resiliency goals for Southern California.

- Mr. Navin provided background information on the project's potential contributions to the region:
  - Significant opportunity to reduce GHG emissions and improve local air quality
  - Focus on hard-to-decarbonize parts of the industrial and commercial economies (e.g., heavy duty transportation)
  - Potential to displace almost a billion gallons of diesel a year, reduce NOx emissions by as much as 25,000 tons, and reduce as much as 14.3 million metric tons of CO2 a year
- The Angeles Link Final Decision (D.22-12-055) authorizes the Angeles link Memorandum Account (ALMA) and recording of Phase I costs.
- Phase I of the project will focus on feasibility studies associated with engineering, design, and environmental work necessary to develop Angeles Link.
- Mr. Navin discussed the continuous stakeholder engagement in Phase I, including the establishment of the Community Based Organization Stakeholder Group to collaborate; discussed the potential benefits, issues, and concerns; and to build a project that will play a critical role in helping California achieve its energy goals.
- Phase II of the project, as proposed, would focus on a more detailed front-end engineering and design effort.
- As proposed, Phase III would focus on compiling a more detailed engineering assessment, supporting the CEQA analysis, and ultimately delivering the information necessary to seek a certificate of public convenience and necessity.
- Mr. Navin thanked everyone for participating and expressed excitement about the opportunities this project can bring and hearing from the CBOs throughout the process.

## Angeles Link Q&A Discussion

- Theo Caretto, Communities for a Better Environment, commented on the format of the meeting and mentioned that the chat was disabled and participants were not able to turn on their cameras.
  - *NOTE: Virtual/technical difficulties were experienced; chat was re-opened once format was altered mid-meeting*
- Enrique Aranda, Soledad Enrichment Action, commented that he knows firsthand what it's like to be adversely impacted by pollution and wishes more people can know about the positive impact of Angeles Link. He explained that there is a need to get information on the project across to communities who don't have access to traditional sources of information and education.
  - Ms. Marquez answered that more education will be made available, and it is important for CBOs to be part of the CBOSG because they are the voice of their communities and can share project information.

- Jack Chang, California Public Utilities Commission, wanted clarification on the format of the meeting and asked if in future meetings once people apply people will be allowed to turn on their cameras.
  - Ms. Marquez answered that the purpose of this meeting was to introduce the CBOSG and get people committed to the group and clarified that the meeting format will change for future meetings.
- Jill Tracy, Senior Director of Angeles Link Regulatory and Policy, commented that the meeting be paused to configure the meeting format and make sure people can turn their cameras on.
  - Ms. Marquez clarified that the camera and chat functions were fixed and turned on for participants.

## CBO Self-Introductions

- Ms. Marquez facilitated a round of self-introductions, participants introduced themselves and their organization:
  - Rashad Rucker Trapp, Executive Director, Reimagine LA Foundation
    - Comment: Happy to participate in the meeting
  - Robert Battles, Strategic Assets Manager, Willowbrook Inclusion Network
    - Comment: Very interested in being involved in a collaborative effort related to clean energy and its impact in the community
  - Daisy Ma, Chief Government and Community Relations Officer, Chinatown Service Center
    - Comment: Mentioned the need for information in other languages for CBO stakeholder group meetings
    - Alma Marquez, agreed that information would be available
  - Devapriya Roy, is representing her Executive Director on behalf of PESA, Parents, Educators/Teachers & Students in Action
    - Comment: Curious to see how they can help the mission of Angeles Link
  - Curtis Silvers, Executive Vice President, Brotherhood Crusade
    - Comment: Current member of the CPUC
  - Luis Pena, President of the Board, LA Indigenous Peoples Alliance
    - Comment: Hopes to get more information about the process and work together to find ways to transition away from greenhouse gas emissions
  - Lorna Avila, Environmental Justice Planner, T.R.U.S.T. South LA
    - Comment: Looking forward to learning more about the project and its fit with her organization
  - Marc Carrel, Breathe Southern California
    - Comment: Excited to learn more about Angeles Link
  - Steve Kang, KYCC, (Koreatown Youth and Community Center)

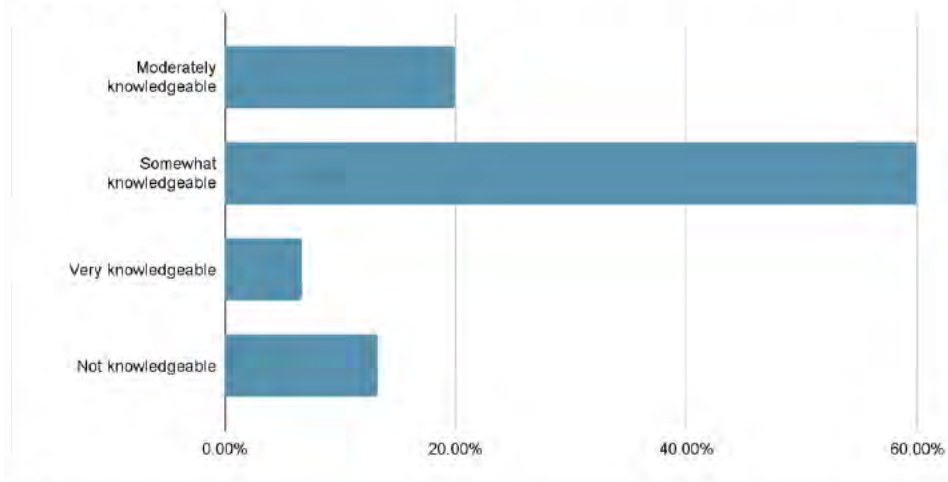
- Comment: Focused on environmental challenges in Koreatown due to its high population density
- Andrea Williams, Executive Director, Southside Coalition of Community Health Centers
- Christopher Arroyo, Analyst, CPUC
  - Comment: Will be CPUC lead on the project after Jack Chang leaves
- Lucy Castro, Southside Coalition of Community Health Centers
  - Comment: Concerned about the potential impact of the project on natural gas prices and the community's financial struggles
- Jill Tracy, Senior Director for Regulatory and Policy, Angeles Link
  - Comment: Addressed Lucy Castro's concerns regarding costs and affordability, stating that they will be part of the phase one studies
- Renee Williams, Commissioner, LA Native American Indian Commission
  - Comment: Interested in learning more about Angeles Link's impact on the community and its structures
- Maria Mendoza, Program Director, Southeast Rio Vista YMCA
  - Comment: Aims to support and be the voice for the community in communicating information about the project
- Ricardo Mendoza, Chief Business Development Officer, Coalition for Responsible Community Development (CRCD)
  - Comment: Excited about the potential for community members to enter clean technology jobs and for affordable housing developments to become more energy-efficient. Echoed concerns about costs.
- Maiesha Keefe, Community Relations and Advocacy, Los Angeles Urban League
  - Comment: Interested in learning more about the emissions effort and introducing the project to their community and constituents.
- Ciriaco Pinedo, President and CEO, Mexican American Opportunity Foundation
  - Comment: Interested in price, cost, and impact on under-resourced communities, and excited to represent the communities they serve.
- Theo Caretto, Legal Fellow, Communities for a Better Environment
  - Comment: Expressed concern about the Angeles Link project and its potential impact on EJ communities in the LA area. Wants to ensure that the process is open, equitable, and fair.
- Jerry Salcedo, Executive Director, Southeast Rio Vista YMCA
  - Comment: Aims to support SoCalGas and be the voice for the underserved communities they serve by participating in the project and communicating information.

- Enrique Aranda, Board Member and Director of Development, Soledad Enrichment Action
  - Comment: Interested in how the project will address public benefits, local hiring, and ensuring diversity and procurement. Looks forward to being an active partner in the engagement effort.

## Introduction Survey

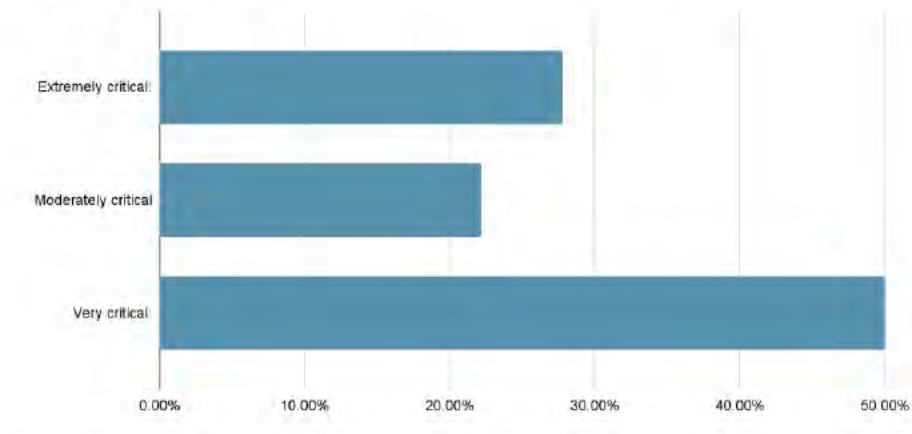
- Poll Question 1:

Public Knowledge Levels on Clean Renewable Hydrogen as a Potential Energy Source

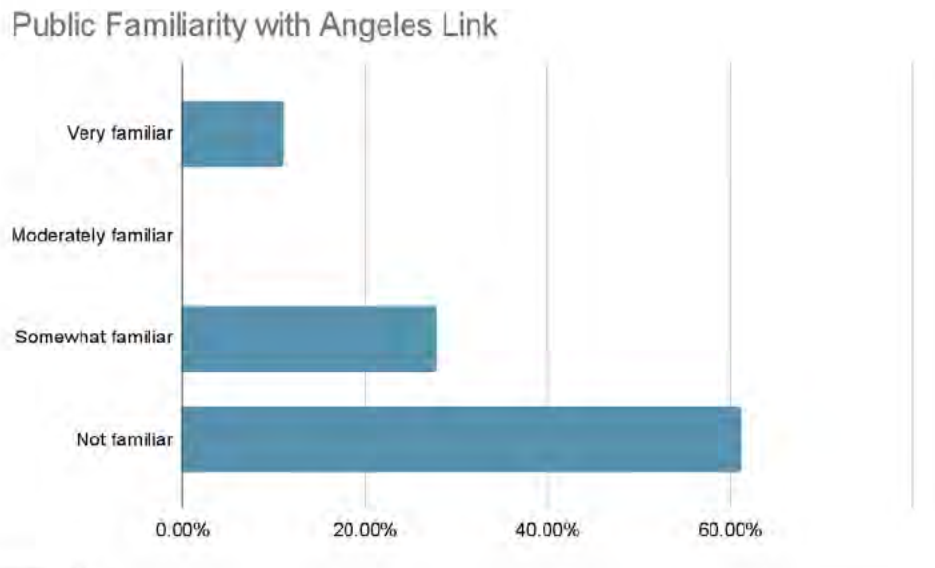


- Poll Question 2:

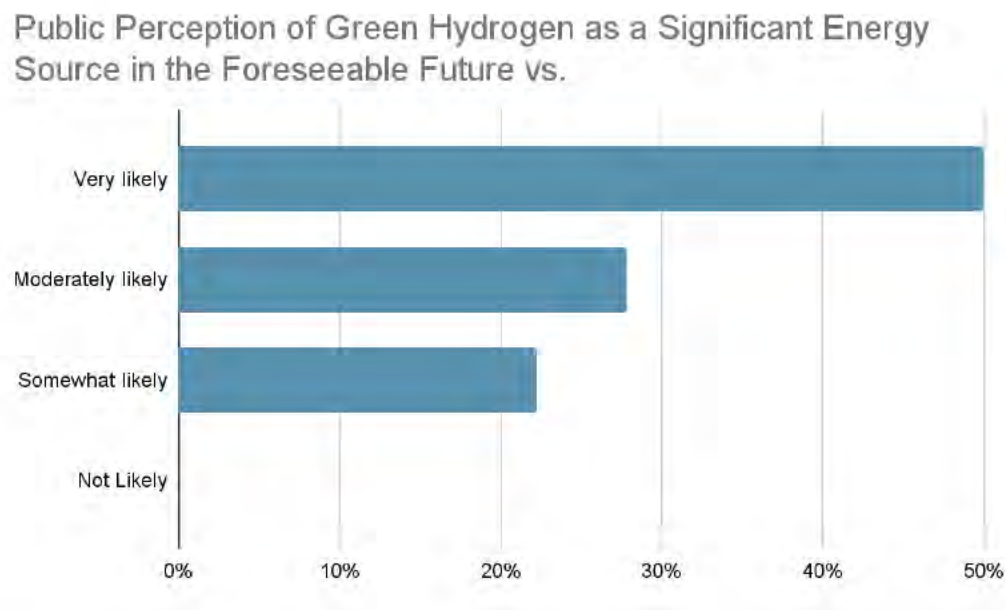
Perceived Importance of Clean Renewable Hydrogen in Achieving California's Net-Zero Carbon Goals



Poll Question 3:



Poll Question 4:





## Community Based Organization Stakeholder Group (CBOSG)

### Overview/Procedures

- Ms. Grant explained that the SoCalGas team will provide another survey following the meeting that will incorporate the feedback participants have expressed thus far, including questions about workforce, local issues, and cost.
- Ms. Marquez provided an overview of the CBOSG
  - Composed of 20-25 organizations that represent disadvantaged communities (DACs), social justice and environmental justice groups, faith-based organizations, school groups, and tribal organizations.
  - Formation was proposed by SoCalGas and part of the CPUC's decision to allow SoCalGas to move forward into tracking costs for Phase 1 activities
  - Established to provide CBOSG members a better understanding of Angeles Link and its potential impacts and engage in a collaborative process where the needs and concerns of represented communities are heard.
- Ms. Marquez encouraged CBO representatives to use the Zoom raise hand function to show what sector their organization represents in order to get a sense of the diverse organizations the CBOSG will be composed of.
- Ms. Marquez introduced Chester Britt, Executive Vice President at Arellano Associates.
- Mr. Britt explained his role as the Planning Advisory Group (PAG) facilitator.
  - He explained that the purpose of the PAG is to provide technical advice and collaborate on exploration of developing clean renewable hydrogen infrastructure and systems.
  - He explained that there is PAG representation in the CBOSG.
  - He explained that he will work jointly with Lee Andrews Group to facilitate information back and forth between the two groups.
- Ms. Marquez introduced Ms. Perez-Rangel to review the importance of transparency throughout this process and recognized that this is an equitable process that will be integral to developing equitable energy solutions.
- Ms. Perez-Rangel noted that the CBOSG is not a voting body, but a collaborative group of community stakeholders that will be compensated for their participation.
- Ms. Perez-Rangel reviewed CBOSG engagement guidelines:
  - Communicate open and directly
  - Be curious, good listeners, and respectful of everyone's points of view
- Enrique Aranda, Soledad Enrichment Action, asked in the chat if there was a Community Benefits Agreement in place and how opportunity and second-chance youth and adults can be engaged in the procurement process.
  - Ms. Grant, SoCalGas, answered that because we are very early on in the project's timeline, those materials have not been created, but we are open to CBO feedback and collecting information that would help in developing those materials.

- Mrs. Tracy, SoCalGas, answered that SoCalGas has a strong commitment to diverse supplier contracting which will be incorporated into the Angeles Link project, including workforce training and community feedback during the procurement process.
- Ms. Perez-Rangel reviewed documentation procedures, including meeting summary reports, quarterly SoCalGas reports, and comment logs.

## CBOSG Application Overview & Compensation Guidelines

- Mr. Legaspi reviewed the CBOSG selection criteria that may include, but is not limited to:
  - A minimum of five (5) years of Community Based Organizing in Los Angeles Basin
  - Previous or current projects in community outreach efforts within the Los Angeles Basin
  - Be able to reach their members and diverse stakeholders to share information
- Mr. Legaspi introduced the three application questions of the CBOSG application:
  - Why are you interested in becoming a member of the Angeles Link Community Based Organization Stakeholder Group?
  - What is the mission of your organization? What relevant previous experience does your organization have?
  - Do you have prior experience, service, and/or involvement on an advisory group? If so, what was it related to?
- Ms. Marquez discussed the CBOSG compensation guidelines:
  - CBOs will receive a \$500 per-diem stipend for their participation at quarterly stakeholder meetings
    - Final compensation amount subject to CPUC approval
  - The CPUC Energy Division and the PAG members will develop a plan and set of procedures to compensate members of the CBOSG
  - 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
- Ms. Marquez provided an overview of meeting procedures:
  - Will be held quarterly
  - Format will be a mix of virtual and in-person
  - Anticipate running through the middle of 2024
  - Materials will be provided prior to CBOSG meetings
  - Will include presentations from SoCalGas and industry experts on various subject matters, roundtable discussions, information education, and interactive surveys.
- Ms. Grant emphasized that CBOs should not be intimidated by the application, it is primarily being used as a communication tool and as an administrative measure. All CBO feedback is valued and respected.

## CBOSG Application Q&A Discussion

- Mr. Theo Caretto, Communities for a Better Environment, asked why the application criteria was only limited to organizations in the Los Angeles Basin if the project is proposed to build pipeline infrastructure across the state and when outreach will be done to communities impacted outside of the Los Angeles Basin.
  - Ms. Jill Tracy, SoCalGas, explained that Phase I includes a routing analysis that discusses different alternatives that will evaluate environmental and community impacts. When further information is available from the routing analysis and alternatives and after final evaluation (expected to be completed at the beginning of next year), SoCalGas will engage in outreach to the communities identified in those findings.

## Next Steps Discussed

- Ms. Marquez reviewed next steps for the CBOSG, including:
  - Application was made available via link in the chat and QR code on the presentation slide
  - Application deadline is April 28, 2023
  - Completed application must be emailed to [stakeholderoutreach@socalgas.com](mailto:stakeholderoutreach@socalgas.com)
  - Next meeting will take place in-person in June 2023
    - Save the date will be sent out soon
  - CBOSG Meeting Summary Report will be submitted to SoCalGas
  - Meeting Summary Report will be incorporated into SoCalGas Quarterly Report to the CPUC

## Appendix A

### CBOGS Introduction Meeting Attendee Roster

#	First Name	Last Name	Affiliation
<b>CBOGS Participants</b>			
1	Marc	Carrel	Breathe Southern California
2	Curtis	Silvers	Brotherhood Crusade
3	Christopher	Arroyo	California Public Utilities Commission
4	Jack	Chang	California Public Utilities Commission
5	Daisy	Ma	Chinatown Service Center
6	Ricardo	Mendoza	Coalition for Responsible Community Development
7	Theo	Caretto	Communities for A Better Environment
8	Hyepin	Im	Faith and Community Empowerment (FACE)
9	Steve	Kang	Koreatown Youth + Community Center
10	Luis	Pena	LA Indigenous People's Alliance
11	Ronnie	Han	LA Más
12	Rene	Williams	Los Angeles City/County Native American Indian Commission
13	Maiesha	Kif	Los Angeles Urban League
14	Dr. Ciriaco "Cid"	Pinedo	Mexican American Opportunity Foundation

#	First Name	Last Name	Affiliation
15	Araksya	Nordikyan	PESA (Parents, Educators/Teachers & Students in Action)
16	Devapriya	Roy	PESA (Parents, Educators/Teachers & Students in Action)
17	Rashad	Rucker-Trapp	Reimagine LA Foundation
18	Enrique	Aranda	Soledad Enrichment Action
19	Andrea	Williams	Southside Coalition of Community Health Centers
20	Lucy	Castro	Southside Coalition of Community Health Centers
21	Lorna	Avila	T.R.U.S.T. South LA
22	Reginald	Johnson	Willowbrook Inclusion Network
23	Robert	Battles	Willowbrook Inclusion Network
24	Gerry	Salcedo	YMCA of Metropolitan Los Angeles
25	Maria	Mendoza	YMCA of Metropolitan Los Angeles
<b>Project Team</b>			
26	Chester	Britt	Arellano Associates
27	Sohrab	Mikanik	Arellano Associates
28	Alan	Rodriguez	Lee Andrews Group
29	Alma	Marquez	Lee Andrews Group
30	Alyssa	Martinez	Lee Andrews Group
31	Joey	Legaspi	Lee Andrews Group

#	First Name	Last Name	Affiliation
32	Lauren	Perez-Rangel	Lee Andrews Group
33	Andy	Carrasco	SoCalGas
34	Emily	Grant	SoCalGas
35	Frank	Lopez	SoCalGas
36	Jill	Tracy	SoCalGas
37	Megan	Lorenz	SoCalGas
38	Neil	Navin	SoCalGas
39	Vageha	Khan	SoCalGas
40	Melissa A	Hovsepian	SoCalGas
41	Rebecca	Nicholas	Fionna Hutton Assoc
42	Marcena	Munguia	Kennedy Court Reporters

Appendix B The following Community Based Organizations expressed interest in participating and may attend the next quarterly meeting

- American Indian Chamber of Commerce
- CA Greenworks
- Comunidades Indígenas En Liderazgo (CIELO)
- LA Nature for All
- Mujeres de la Tierra
- Parent Institute for Quality Education (PIQE)
- Proyecto Pastoral
- Watts/Century Latino Organization

**Appendix 7**  
**PAG/CBOSG member**  
**comments**

The Utility Consumers' Action Network: Angeles Link PAG Member

Feedback for SoCalGas for inclusion in SoCalGas's  
Q1-2023 Angeles Link Phase 1 Report to the California Public Utilities Commission

Date: March 31, 2023

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Email: [tyson@cleanstrat.com](mailto:tyson@cleanstrat.com)

Consultant to  
**Utility Consumers' Action Network**



## I. Introduction

On March 15, 2023, SoCalGas held the first Angeles Link planning advisory group (PAG) meeting (Meeting #1). Decision (D.)22-12-055, in proceeding A.22-02-007, *Application of Southern California Gas Company (U904G) for Authority to Establish a Memorandum Account for the Angeles Link Project*, requires SoCalGas to hold PAG meetings at least quarterly.<sup>1</sup> The Commission also requires SoCalGas to include the PAG members' feedback in its quarterly reports.<sup>2</sup> This document is the Utility Consumers' Action Network's (UCAN) feedback to SoCalGas and should be included in its entirety in SoCalGas's first quarterly report to the Commission.

### Summary of Recommendations:

- SoCalGas should provide data and documents to PAG members at least two weeks before each meeting so that members can review the documents prior to each meeting. If documents have not been provided two weeks before the meeting, the meeting should be rescheduled for a later date out of respect for the PAG members' time and to enable productive PAG meetings.
- SoCalGas's Angeles Link team should request presentations and feedback responding to the documents and data that SoCalGas provides prior to each PAG meeting.
- SoCalGas should allocate the limited meeting time for input from its advisors instead using the meeting time to make its own presentations.
- SoCalGas should set the number and duration of PAG meetings to enable all feedback from participants rather than limit the feedback by limiting the number or duration of PAG meetings.
- Before commencing Phase 1 work SoCalGas should provide the following information to the PAG:

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<sup>1</sup> D.22-12-055, p. 78, ("SoCalGas shall engage the active parties in this proceeding through the Planning Advisory Group (PAG). In coordination with Energy Division staff, the PAG shall meet at least on a quarterly basis."). available at <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M500/K167/500167327.PDF>.

<sup>2</sup> D.22-12-055, p. 49, (The Commission stated: "... we direct SoCalGas to solicit feedback from parties and PAG members and compile them into the quarterly reports.").

- proposed study inputs and assumptions,
  - the scope of work and work product that it plans to require of its contractors,
  - data collected by itself and its consultants as that data becomes available, plus any additional information requested by PAG members. These data will allow the PAG to adequately perform its advisory role.
- SoCalGas’s hydrogen demand assumptions in A.22-02-007 were inaccurate. In Phase 1 SoCalGas should complete hydrogen demand research and analysis, present those findings to the PAG, and receive PAG feedback, before starting any other Phase 1 research. By completing demand research before other Phase 1 research, SoCalGas will avoid unnecessary work and spending if the demand analysis finds that pipeline-supplied hydrogen demand will be too low to justify the Angeles Link project.
  - SoCalGas presented a proposed schedule for Phase 1 in Meeting #1. SoCalGas should revise its schedule so that stages of Phase 1 are completed consecutively instead of concurrently. At the conclusion of each stage, SoCalGas should provide the results to the PAG, request PAG feedback, and ask the PAG whether the PAG believes the results justify continued Phase 1 work.
  - SoCalGas should employ a red team/blue team approach to studying alternatives to Angeles Link. Rather than hire its own consultants to research Angeles Link alternatives, it should distribute at least 50% of Phase 1 funds to parties concerned about the viability of the Angeles Link. Those parties would, as a group, select contractors to study Angeles Link alternatives and administer the contracts with those consultants. This approach will demonstrate to the Commission that the required study of alternatives was unaffected by SoCalGas’ pro-hydrogen bias.

SoCalGas should revise the PAG meeting structure and its Phase 1 research structure to conform to the recommendations in this document.

**II. SoCalGas should provide the PAG with the inputs and assumptions for each stage of Phase 1, scope of work for its consultants, and data collected or produced by its consultants, plus any additional information requested by PAG members.**

UCAN finds the PAG procedures implemented in the first PAG meeting to be concerning. SoCalGas only provided participants with a brief agenda before Meeting #1, held on March 15, 2023. SoCalGas did not provide any data, research, schedules, or other documentation to the PAG prior to the meeting. PAG member were required to respond in real time to issues in Meeting #1 because data and documentation was not distributed before the meeting.

SoCalGas said during Meeting #1 that it intends to provide documents before PAG meetings going forward, but SoCalGas did not use that practice in Meeting #1 and even after PAG members requested the slides from Meeting #1, SoCalGas did not distribute the slides.<sup>3</sup> These SoCalGas actions elicit concern as to the data transparency practices that SoCalGas intends to employ both as related to the PAG as well as transparency towards the Commission and the general public.

The day after Meeting #1, UCAN's representative requested documentation and data that will aid PAG members in advising SoCalGas throughout Phase 1. That message contained the following requests:

1. *At the next PAG, I would like to make a presentation. Where should PAG members sign up for PAG meeting presentation slots?*
2. *What is the deadline for PAG member comments in order to make sure that comments are included in the first quarterly report (I anticipate PAG comments will need to be provided the day before SoCalGas submits its reports to the Commission)?*
3. *PAG members will be able to best advise SoCalGas if we have the following information. Please provide these data to the PAG including all members of the CPUC proceeding Angeles Link service list. The Angeles Link CPUC service list can be found here (A2202007).*
  1. *All inputs for all studies and modeling being conducted by SoCalGas or SoCalGas consultants*
  2. *Work product (output) requirement for SoCalGas' consultants broken down by consultant*
  3. *A list of all alternatives to the Angeles Link that SoCalGas currently plans to evaluate*
4. *Where will the following be posted?*
  1. *Meeting recordings*
  2. *Meeting transcription (if transcription is taken)*
  3. *PAG member contact info (to include the CPUC A2202007 service list plus other PAG members)*
  4. *SoCalGas' Angeles Link team contact info*
  5. *Presentation slides from PAG meeting #1*
5. *I'm sure that other PAG members will have questions and requests as well. Please forward that correspondence to the PAG (or notify us as to where that*

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<sup>3</sup> As of the submittal of these comments, 17 days after the PAG meeting, PAG members have yet to receive a digital copy of the slide deck. SoCalGas has provided a link to a video of the meeting and a transcript of the meeting. UCAN renews its request for a copy of the slide deck.

*correspondence is posted) so that we can all benefit from the ideas and input of all PAG members.*

6. *SoCalGas submitted its memo account advice letter to the Commission the day after the Angeles Link decision (D.22-12-055). The decision also required SoCalGas to "file a Tier 2 advice letter with the Commission's Energy Division as soon as practicable with a detailed plan and set of procedures for CBO compensation." It is disappointing that SoCalGas still has not submitted the Community Based Organization (CBO) advice letter nearly three months after the decision. Hopefully SoCalGas will make CBO inclusion a high priority going forward.*

As of the submittal of these comments to SoCalGas, some of the requested items have not been supplied. Specifically, SoCalGas has not provided any of the basic information about the Phase 1 studies requested in item #3 above, has not issued a list of PAG member contacts, has not notified all PAG members as to the date that feedback is due for inclusion in the first quarter's report to the Commission.<sup>4</sup> UCAN looks forward to receiving the remaining information requested as soon as possible.

Of particular concern, the PAG has not received any of the Phase 1 studies' inputs or assumptions for vetting. Nor has SoCalGas shared with the PAG the outputs that it plans to require from its consultants (e.g. hydrogen demands by end use sector, hydrogen pipeline pricing by size and pressure, alternatives research metrics). At a minimum, before SoCalGas or its consultants start on Phase 1 research, SoCalGas should distribute the following to PAG members and receive PAG members' feedback prior to starting the studies:

- inputs and assumptions for each study,
- project alternatives that will be researched
- the scope of the local hub research

After receiving PAG feedback, SoCalGas should review the feedback on the inputs and assumptions and make revisions based on the PAG's recommendations. Once SoCalGas has

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<sup>4</sup> SoCalGas sent a message to a small subset of PAG members, four members, as to the deadline for the first quarter's feedback.

incorporated the revisions, it should consider another round of vetting before starting its Phase 1 research. Without at least a single review by the PAG, SoCalGas's PAG process does not serve the purpose of the PAG as defined in D.22-12-055.

According to SoCalGas's project schedule presented during Meeting #1, it plans to complete approximately half of the work in each project segment (i.e. market analysis, project economics and alternatives, environmental and land use considerations, and technical scoping and engineering) before holding Meeting #2. SoCalGas sent an email announcing that PAG Meeting #2 would be held on June 28, 2023. If SoCalGas fails to receive feedback on the structure and inputs to the studies prior to June 28, 2023, SoCalGas risks spending significant funds on studies that do not meet the approval of the PAG and do not meet D.22-12-055's minimum criteria for memorandum account cost recovery.

UCAN recommends the studies be placed on hold, the data and documents requested above be distributed to the PAG, and a new PAG meeting be scheduled for a date at least two weeks after the distribution of data and documents.

**III. SoCalGas should organize its meetings to hear all feedback from its PAG members and hold meetings at the times in the Phase 1 process when PAG review is needed.**

In response to UCAN's request to present to SoCalGas during the next PAG meeting. SoCalGas responded that "SoCalGas anticipates PAG agendas will be full, covering a variety of technical topics and reports for your input; therefore, we are not providing sign-up opportunities for PAG members to individually make their own presentations."<sup>5</sup> D.22-12-055 orders SoCalGas to hold PAG meetings "*at least* on a quarterly basis."<sup>6</sup> D.22-12-055 does not limit the number of

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<sup>5</sup> SoCalGas email sent from stakeholderoutreach@socalgas.com on March 27, 2023 to UCAN's PAG representative.

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

meetings. Thus, SoCalGas’s refusal to receive input on Phase 1 through presentations by PAG members is a voluntary decision to limit PAG members’ input. UCAN believes SoCalGas would benefit greatly from PAG-member presentations and encourages SoCalGas to allow PAG members to present their recommendations for the Phase 1 studies during the upcoming PAG meetings.

#### **IV. SoCalGas continues to make unsupported assertions about hydrogen demand.**

SoCalGas made unsupported assertions during the Angeles Link memo account proceeding about potential hydrogen demand.<sup>7</sup> SoCalGas’s assertions were debunked by parties to the proceeding.<sup>8</sup> SoCalGas continued to make the same unsupported claims during the PAG meeting.<sup>9</sup>

Parties to A.22-02-007 expressed two main concerns regarding SoCalGas’s demand assertions. First, SoCalGas disregarded the fact that hydrogen remains far more costly than competing clean energy alternatives.<sup>10</sup> Until hydrogen achieves cost parity with competing clean energy alternatives, there is no reason for the SoCalGas to assume that industrial and commercial customers will choose clean hydrogen over clean electricity.

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<sup>7</sup> A.22-02-007, Southern California Gas Company (U904g) Opening Brief (June 29, 2022), p. 58, (SoCalGas claimed that “the Project could eliminate nearly 25,000 tons of smog-forming NOx and 14.3 million metric tons of CO2 from the air annually...”) available at <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M489/K141/489141137.PDF>.

<sup>8</sup> A.22-02-007, The Public Advocates Office’s Opening Brief On The Application Of Southern California Gas Company (U 904 G) For Authority To Establish A Memorandum Account For The Angeles Link Project A.22-02-007 (July 29, 2022), <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M496/K441/496441218.PDF>; A.22-02-007, Opening Brief Of Sierra Club And The California Environmental Justice Alliance (July 29, 2022), available at <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M496/K341/496341723.PDF>; A.22-02-007, The Protect Our Communities Foundation Opening Brief (July 29, 2022) (“PCF Opening Brief”), available at <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M496/K396/496396697.PDF>.

<sup>9</sup> Planning Advisory Group, Meeting #1 presentation (March 15, 2023), presentation slide 24, (Angeles Link hydrogen could “potentially remove 14.3 million metric tons of CO2.”), available at <https://vimeo.com/808771715/ecb7e14e58>.

<sup>10</sup> PCF Opening Brief, Figure 7, p. 20, available at <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M496/K396/496396697.PDF>.

Second, SoCalGas erroneously claimed in proceeding A.22-02-007 that “[h]eavy-duty transportation, not currently served by a gas utility... is anticipated to comprise a large segment of the future green hydrogen market...”<sup>11</sup> Currently, only 4% percent of medium- and heavy-duty zero emissions vehicles in California use hydrogen.<sup>12</sup> The California Energy Commission’s data shows that the other 96% of medium- and heavy-duty zero emissions vehicles in California are battery-electric vehicles.<sup>13</sup> During Meeting #1, SoCalGas did not disclose any data in support of its contention that medium- or heavy-duty vehicles would use substantial volumes of clean hydrogen in the future. Until SoCalGas provides data backing its assertion that medium- and heavy-duty vehicles will use large volumes of hydrogen, its hydrogen demand claims remain unsupported and should not be presented even as “potential” to the PAG.

Additionally, during Meeting #1 SoCalGas ignored the data that parties to the Angeles Link proceeding provided, and SoCalGas continued to assert that there would be significant clean hydrogen demand in the future by asserting a large quantity of carbon emissions reductions based on clean hydrogen use. To avoid biasing any of its consultants that may be completing hydrogen demand research for SoCalGas, SoCalGas should make no further assertions about hydrogen demand until SoCalGas has some basis for its hydrogen demand assertions.

At Meeting #1 UCAN requested information about the type and granularity of hydrogen demand that SoCalGas would endeavor to determine through Phase 1 research. SoCalGas’s response was unclear. However, SoCalGas also said that it was releasing a scope of work to potential consultants who would complete research into the future hydrogen market demand.

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<sup>11</sup> 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), pp. 2-3, available at <https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M497/K342/497342607.PDF>.

<sup>12</sup> California Energy Commission, Medium- and Heavy-Duty Zero-Emission Vehicles in California, [last accessed March 20, 2023], available at <https://www.energy.ca.gov/data-reports/energy-almanac/zeroemission-vehicle-and-infrastructure-statistics/medium-and-heavy>.

<sup>13</sup> *Ibid.*

Prior to sending out the scope of work to potential consultants, for research into hydrogen demand or any other work to be completed during Phase 1, SoCalGas should present its recommendations for scope of work to the PAG members so that we can review the studies' scopes and provide feedback to SoCalGas. Without PAG member feedback, SoCalGas risks moving forward with unvetted and unreasonable approaches for its Phase 1 studies that may result in inadequate, incomplete, and unusable hydrogen demand analyses.

If SoCalGas proceeds with demand research without input from the PAG, then SoCalGas should, at a minimum, attempt to determine or estimate the following hydrogen demand data points.

- (1) Total hydrogen demand by year for 2030, 2035, 2040
- (2) Total hydrogen demand by year for 2030, 2035, 2040 divided into on-site generation of hydrogen by the hydrogen end users and hydrogen purchased from SoCalGas
- (3) Annual demand attributed to each entity that plans to purchase hydrogen from SoCalGas. Each of these entities should have explicitly told SoCalGas that they are not interested in self-generation of hydrogen despite the \$3/kg federal tax credit for clean hydrogen generation.
- (4) When SoCalGas asks potential hydrogen customers the price at which the potential customer would be interested in hydrogen, SoCalGas should survey the customer using a metric that the customer understands. Customers typically understand the price of their current energy supply. Thus, SoCalGas should ask customers if they would be interested in purchasing hydrogen at various percentages of their current energy costs. UCAN recommends the following price options for surveying potential customers (a) less than the cost of your current energy source (b) 120% of your current energy source (c) 140% of your current energy source (d) greater than 160% of your current energy source. SoCalGas should publish the raw data from the potential customers' responses in its reports to the PAG and the Commission. It should also project demand by using the price of the customers' current energy source combined with the projections for the price of hydrogen supplied through the Angeles Link (e.g. if SoCalGas will not be able to provide any hydrogen at the highest price point a potential customer would be willing to pay, then the demand for Angeles-Link-supplied hydrogen would be



zero). SoCalGas should provide the Commission with a hydrogen demand curve resulting from its Phase 1 hydrogen demand research with the y-axis representing the price of Angeles-Link-supplied hydrogen and the x-axis representing the demand for Angeles-Link-supplied hydrogen.

- (5) SoCalGas should show the Commission that it has factored in the effect that various prices of renewably generated electricity will have on hydrogen demand.
- (6) SoCalGas should ask potential hydrogen customers the number of years of exit fees they would be willing to pay in the case that the potential customer stops purchasing hydrogen from SoCalGas. This input should have a direct impact on hydrogen costs and SoCalGas's demand projections. SoCalGas could frame this as question to potential hydrogen customers as take-or-pay contracts.

Hydrogen demand forms the basis for justifying the construction of the Angeles Link.

SoCalGas should not commence any additional Phase 1 work before the completion of research into hydrogen demand and before receiving PAG feedback on the results of the hydrogen demand research.

**V. SoCalGas should complete its Phase 1 research in stages instead of using concurrent scheduling.**

Each stage of research should use inputs that have been vetted by the PAG. The results of each stage should be reviewed by the PAG so that SoCalGas receives PAG input before moving on to the next stage. This staged approach is important because after each stage, and before the next stage of Phase 1 research, SoCalGas must determine if the findings of the stage justify continued Phase 1 work. To reach that determination, SoCalGas should share the findings with the PAG and get the PAG's recommendation. If the PAG determines that the results of a stage do not justify SoCalGas continuing to the next stage, then SoCalGas will receive the benefit of millions of dollars in saving by avoiding continued Phase 1 research.

If SoCalGas completes all stages of Phase 1 concurrently, then SoCalGas risks getting to the end of the Phase 1 and only then finding that the results fail to justify Phase 2 based on the results of a single stage of Phase 1. Concurrent staging of research – instead of consecutive staging of research – makes it likely that SoCalGas will shoulder the entire cost of the Phase 1. It would be nearly impossible for the Commission to allow recovery of Phase 1 work if SoCalGas completes Phase 1 stages concurrently and if the results of Phase 1 show the Angeles Link to be unviable.

**VI. SoCalGas should organize PAG meetings to maximize rather than minimize PAG members' input.**

SoCalGas used the first PAG meeting to present information to PAG members on topics that could have been conveyed through documents distributed before the PAG meeting. By using PAG meeting time to present, SoCalGas failed to effectively use the time to receive feedback, data, and recommendations from the PAG. The PAG members were directed to provide feedback and questions through the meeting chat function because all PAG member's comments, concerns, and questions were not allowed to be voiced during the 2.5-hour meeting.

Consistent with its earlier suggestions, UCAN recommends that SoCalGas distribute materials to PAG members prior to PAG meetings so that members can spend the meetings advising SoCalGas.

**VII. SoCalGas's Meeting #1 surveys did not adequately collect PAG members' feedback, and the survey process should be modified – if used at all – for future meetings.**

During Meeting #1 SoCalGas asked several survey questions. As the author of both the survey questions and survey answers, SoCalGas limited the feedback from PAG members. In some cases, it also collected one-sided information. For example, SoCalGas asked members to

respond to the “biggest benefit” of hydrogen but not the biggest dangers, disadvantages, or even concerns about hydrogen.<sup>14</sup> The New York Times defines push polls as “questions [that] are skewed to one side of an issue or candidate, the goal being to sway large numbers of voters under the guise of survey research.”<sup>15</sup> SoCalGas should avoid surveys that have the appearance of push polls.

If SoCalGas intends to continue using surveys to gather an understanding of PAG member’s overall views, it should be careful to organize questions in a balanced manner that asks an equal number of questions exploring the positives *and* negatives of hydrogen and the Angeles Link project. For example, either before or after asking about the benefits of hydrogen, SoCalGas should have asked about the negative aspects of hydrogen.

SoCalGas should also request written comments from PAG members so that it can include a fulsome discussion of all issues and hear members’ feedback beyond the limited scope of information that can be collected through surveys.

#### **VIII. SoCalGas appears to have invited a large number of PAG participants that seem to favor the use of hydrogen over other clean energy options.**

SoCalGas asked the survey question “Do you think that clean renewable hydrogen should be a significant part of California’s 2045 net zero carbon goals?”<sup>16</sup> The moderator for SoCalGas’s reported that most respondents said yes. The moderator then stated “that’s encouraging” indicating his bias in favor of the Angeles Link over other clean energy alternatives.

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<sup>14</sup> See PAG Meeting #1 video recording, available at <https://vimeo.com/808771715/ecb7e14e58>.

<sup>15</sup> See <https://www.nytimes.com/2014/06/19/upshot/push-polls-defined.html>.

<sup>16</sup> See PAG Meeting #1 video recording, available at <https://vimeo.com/808771715/ecb7e14e58>.

The moderator continued to report the responses to the survey: 68% yes, 16% no, and 16% not sure. Thus, 68-84% of PAG members<sup>17</sup> will likely provide less constructive feedback and less critical review of SoCalGas's Phase 1 work. This concerns UCAN because that type of PAG representation risks becoming an echo-chamber for SoCalGas's presentations rather than a thoughtful and responsive advisory group, especially considering SoCalGas's refusal to receive presentations from its PAG members during the meetings.

Because of the heavily weighted group composition in favor of the Angeles Link, UCAN recommends that going forward, SoCalGas request presentations from Cal Advocates, Sierra Club, CEJA, UCAN, and other Angeles Link proceeding parties who expressed concerns about the Angeles Link during the proceeding. That way the PAG members will spend at least some time each meeting discussing the issues of most concern to consumers, environmental organizations, and ratepayers. In D.22-12-055, the Commission itself required SoCalGas to issue findings on 16 areas of concern.<sup>18</sup> UCAN recommends that most of each PAG meeting focus on research responding to the Commission's concerns.

**IX. To avoid bias during the study of Angeles Link alternatives, SoCalGas should employ a red team/blue team approach.**

If the Commission approves the construction of the Angeles Link, SoCalGas stands to make billions in profit from returns on the Angeles Link infrastructure. SoCalGas will likely make billions more in profit from hydrogen distribution infrastructure tied to the Angeles Link. Thus, SoCalGas has a financial conflict of interest related to both the study of the Angeles Link and the study of alternatives to the Angeles Link. Because of SoCalGas's inherent bias, it would

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<sup>17</sup> Those PAG members that answered yes or not sure are less likely to review SoCalGas's studies' scopes and results as closely as PAG members that answered no.

<sup>18</sup> D.22-12-055, Ordering Paragraph 6, p. 75-77.

be most beneficial to ratepayers for a neutral third party to complete the feasibility study including study of self-generated clean hydrogen demand, pipeline-delivered clean hydrogen demand, and alternatives to the Angeles Link. However, because SoCalGas has already stated that it will conduct the research itself instead of distributing funds to a neutral third party, SoCalGas should demonstrate the validity of its findings by inviting a red team/blue team approach to the research on alternatives to the Angeles Link.

In a red team/blue team study configuration, SoCalGas would continue to provide its own research, research that attempts to justify the Angeles Link. This would be Team Angeles Link. Then SoCalGas would distribute 50% of the Phase 1 funds to parties that have shown to be skeptical of the Angeles Link. The funds would be used by those skeptics to hire consultants to study alternatives to the Angeles Link. This would be Team Alternatives.

Team Alternatives should only be allowed 3% of the research funds for administration of their consultants' contracts so that SoCalGas knows that its funds will go to studying alternatives and not funding Team Alternatives's organizations. UCAN recommends Team Alternatives's administrator group to be the Commission's Public Advocates Office, The Utility Reform Network, Sierra Club, and the California Environmental Justice Alliance. Each of these organizations participated in proceeding A.22-02-007, represented Californians or the environment, and expressed concern about the Angeles Link proposal.

This red team/blue team approach does not eliminate bias, but it does organize the Phase 1 study into a format that more reasonably evaluates the benefits of the Angeles Link and the alternatives to the Angeles Link. The current study's structure that entrusts SoCalGas with the task of evaluating the feasibility of the Angeles Link project and alternatives to the Angeles Link

project remains structurally flawed due to SoCalGas's inherent bias. This is not a criticism of SoCalGas, any company or individual with billions of dollars of incentives would be biased.

SoCalGas should demonstrate to the Commission through a red team/blue team approach that it understands that a bias exists, and that SoCalGas has done its best to ensure that Phase 1's framework acknowledges and buttresses against the inherent bias.

## **X. Conclusion**

SoCalGas should revise its study approach and the PAG meeting structure. SoCalGas should (1) structure PAG meetings to maximize input from PAG members, (2) provide the PAG with all data and documentation that are available and requested, (3) stage the research in Phase 1 to minimize unneeded spending (4) request and receive PAG input on the results for each stage before moving to a new stage of Phase 1 research, and (5) designed the Phase 1 research framework to employ a red team/blue team approach to acknowledge and defend against SoCalGas's inherent bias. This concludes UCAN's feedback to SoCalGas for inclusion in SoCalGas's first quarterly Angeles Link Phase 1 report.

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.<sup>1</sup>

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*."<sup>2</sup> 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).<sup>3</sup>

**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."<sup>4</sup> 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."<sup>5</sup> 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

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<sup>1</sup> D.22-12-055, OP 8(c), p 78, available at <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M500/K167/500167327.PDF>

<sup>2</sup> D.22-12-055, OP 8, p 77, emphasis added.

<sup>3</sup> 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>.

<sup>4</sup> D.22-12-055, p. 45-46, emphasis added.

<sup>5</sup> 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)."<sup>6</sup>

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."<sup>7</sup> 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.

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<sup>6</sup> Draft Procedures, p. 2.

<sup>7</sup> 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.”<sup>8</sup> 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.

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<sup>8</sup> D.22-12-055, p. 45.

April 14, 2023

Emily Grant  
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Submitted via email to [alpag@socalgas.com](mailto:alpag@socalgas.com)

### **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.<sup>1</sup> 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.<sup>2</sup> 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.<sup>3</sup>

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<sup>1</sup> 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”).

<sup>2</sup> Decision at pp. 45-46.

<sup>3</sup> 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.”<sup>4</sup> 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.<sup>5</sup>

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.<sup>6</sup> 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.<sup>7</sup> 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

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<sup>4</sup> Decision p. 75.

<sup>5</sup> 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>.

<sup>6</sup> 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](https://www.dropbox.com/s/ggnuqj6ot7g0yf4/Angeles_Link_CBOSG_Application_Final.pdf?dl=0).

<sup>7</sup> 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.<sup>8</sup> 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.”<sup>9</sup> 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.<sup>10</sup>

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.<sup>11</sup> 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.<sup>12</sup>

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<sup>8</sup> Decision at pp. 47-48, 74.

<sup>9</sup> Decision at p. 46.

<sup>10</sup> 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](https://www.dropbox.com/s/g0i02j4ovgwpbbn/Angeles%20Link%20PAG%20%231%20Summary_Final.pdf?dl=0).

<sup>11</sup> 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>.

<sup>12</sup> 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.<sup>13</sup> 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.

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<sup>13</sup> Utility Consumers’ Action Network, Feedback for SoCalGas for inclusion in SoCalGas’s Q1-2023 Angeles Link Phase I 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,

Shana Lazerow  
Theo Caretto  
Communities for a Better Environment

Alexis Sutterman  
California Environmental Justice Alliance

Monica Embrey  
Sierra Club

Alex Jasset  
PSR-LA

Faraz Rizvi  
Asian Pacific Environmental Network

Jocelyn Del Real  
East Yard Communities for Environmental Justice

Andrea Leon-Grossmann  
Vote Solar

R.L. Miller  
Climate Hawks Vote

Jesse Marquez  
Ricardo Pulido  
Coalition for a Safe Environment

Richard Parks  
Redeemer Community Partnership

Jack Eidt  
SoCal 350 Climate Action

Andrea Slater  
Mothers Out Front – CA

Dawny'all Heydari  
Pacific Environment

Rev. Louis A. Chase  
Holman United Methodist Church

CC:

Chester Britt, Arellano Associates  
Alma Marquez, Lee Andrews Group  
Angeles Link PAG service list



**Appendix 8**  
**SoCalGas Thematic**  
**Responses to Comments**



ANGELES LINK

SoCalGas Response to Stakeholder Feedback | May 5, 2023 | Q1

**Thank you PAG and CBOSG members  
Your critical feedback is valued and important**



SoCalGas is thankful for the comments we received during and following our inaugural stakeholder engagement meetings on March 15 and 16. The feedback received was thorough, thoughtful, and emulates the level of participation we hope to experience throughout the Planning Advisory Group (PAG) and Community Based Organization Stakeholder Group (CBOSG) process. We are committed to considering stakeholder concerns in accordance with the Angeles Link Memorandum Account (ALMA) Final Decision (Final Decision) and look forward to continuing these discussions during our next stakeholder engagement meetings.

**PAG and CBOSG Feedback Themes**

Below, please find a thematic compilation of first quarter stakeholder feedback and our initial responses. We hope our responses will help all stakeholders better understand the Angeles Link project and SoCalGas' ongoing project development process.



## Complying with the Final Decision

### **Feedback: As constituted, the stakeholder groups fail to meet the Final Decision's requirements.**

We appreciate your patience and recognition that we are in the initial stages of Angeles Link stakeholder engagement and welcome on-going conversations with the PAG and CBOSG to collaborate on best practices.

SoCalGas believes we have met the letter, spirit, and intent of the Final Decision's requirements regarding stakeholder engagement. We have sought to go above and beyond what is required by the Commission: we will be offering several opportunities for increased engagement in May, including an invitation you should have received for an optional virtual meeting to collaborate on procedures and governance, and we are evaluating additional communication channels for information sharing between quarterly meetings.

While SoCalGas initially focused its stakeholder outreach on organizations within the greater Los Angeles area, in response to PAG feedback, SoCalGas is broadening outreach and extending invitations to participate in the PAG and CBOSG to additional organizations outside of the Los Angeles Basin. As proposed pipeline routes become more likely and worthy of discussion and stakeholder resources, the PAG and CBOSG memberships will grow accordingly.

Additionally, all in-person meetings—starting with the first in-person meeting in June— will have a virtual component to allow for maximum participation. This means no meeting will have been held or will be held without a virtual option for attendance.

## Stakeholder Quarterly Report Submissions

### **Feedback: What is the deadline for PAG members' comments in order to make sure comments are included in the (first) quarterly report?**

SoCalGas agrees that procedures identifying when and how to submit comments for inclusion in Quarterly Reports should be clear.

We believe it would be beneficial to have the collaboration of our PAG and CBOSG members in developing these and other procedures. With that in mind, SoCalGas will be hosting the first of several optional, virtual meetings (one for each the PAG and CBOSG) on Thursday, May 18 to discuss PAG and CBOSG governance, which will include a Stakeholder Engagement Plan, Stakeholder Guiding Principles, and the timeline for submitting comments on reports, studies, and other project-related documents. Because this meeting is incremental to the requirements of the Final Decision, and because we want to respect our members' time, we have made this meeting optional; however, we welcome active engagement from all and believe the meeting format will allow for more collaboration than the submission of written comments. Pending approval from the California Public Utilities Commission, CBOSG members will also be compensated for this time. Meeting times, links, and materials for the May 18 governance meeting will be sent at least 72-hours in advance.

## Pre-Meeting Distribution of Materials

### **Feedback: SoCalGas should provide data and documents to PAG and CBOSG members at least two weeks before each meeting.**

Our goal is to provide the upcoming agenda and applicable technical and procedural documents at least one week prior to each PAG and CBOSG quarterly meeting, and 72-hours prior to any additional meetings, such as any optional (virtual) meetings. If materials are not available one week prior, an email notification communicating an updated timeline will be sent. As noted above, we are also evaluating other options to share information with PAG and CBO members apart from the quarterly meetings.

Post meeting, the PAG and CBOSG facilitators will respectively prepare and send summary reports capturing meeting content, discussion, and comments provided during quarterly meetings for review from PAG and CBOSG members. PAG and CBOSG members received this document for the first quarter following the March 15 and March 16 meetings. These summary documents will be finalized and incorporated into the upcoming Quarterly Report, along with additional stakeholder comments received prior to the specified deadline.

## Request for Expanded Community Outreach and Diverse Participants

### **Feedback: The Decision envisioned that SoCalGas would invite parties to the proceeding to participate on the PAG. Yet many parties did not receive the invitation.**

All parties to the proceeding were invited to the first PAG meeting, as well as additional organizations representing potential end users, potential suppliers, environmental and environmental justice community groups, ratepayer advocacy groups, union organizations, State agencies, and others. The invite process included an initial invitation from an automated email system, a personal follow-up from SoCalGas's stakeholder email account, and a call from the PAG facilitator and/or a SoCalGas lead.

The first round of PAG invitations were sent using an email system with the hope that SoCalGas could increase engagement with automated invitation tracking. However, this caused some emails to go unopened or be identified as SPAM; therefore, SoCalGas followed up with personal emails sent from its stakeholder engagement inbox and conducted outreach via telephone calls to each person who did not respond. A notice regarding the PAG invitation was also sent to the service list of Application (A.) 22-02-007 on February 28.

Parties were also invited via an email sent to the party contact listed in the A. 22-02-007 docket card, and/or an additional potential representative if SoCalGas knew of an appropriate contact within that organization. In our continuing effort to conduct effective stakeholder outreach, SoCalGas is open to assistance in determining the appropriate contact from potential PAG and/or CBOSG organizations. Please contact Angeles Link Sr. Public Affairs Manager Emily Grant to assist.

"SoCalGas should organize PAG meetings to maximize rather than minimize PAG members'

## CBOSG Engagement

**Feedback: CBOs are on a timeline to decide to participate in the CBOSG, face engagement barriers, should always have a virtual option, and were treated as passive viewers and not participants.**

SoCalGas appreciates comments regarding CBOSG participation procedures. The application process for the CBOSG is largely administrative in nature and was designed to assist in understanding of CBOs' interest in the project and commitment to serve as a member of the CBOSG.

SoCalGas will consider CBOSG membership applications on a rolling basis until all available spots are filled, regardless of the originally identified deadline. SoCalGas will also eliminate the requirement for members to have five years of community engagement experience. Our goal is to increase and diversify CBOSG participation and we appreciate your feedback to help us achieve that outcome. As stated above, all future in-person meetings (starting in June) will have a virtual component. This means that no meeting will have been held or will be held without a virtual option. Unfortunately, we experienced unforeseen technical glitches during our inaugural CBOSG meeting, which temporarily limited some participants' ability to actively engage. SoCalGas is currently implementing additional best practices to avoid situations like this during future meetings.

## CBOSG Compensation

**Feedback: CBOs should be compensated for meeting preparation (not just meeting participation), provide the PAG with the basis for compensation structure, and should not require invoices.**

Thank you for comments provided on the CBOSG compensation procedures. SoCalGas will be providing revised compensation procedures to the PAG before filing the Tier 2 Advice Letter required by the Final Decision. Proposed revisions to the CBO compensation procedures will include additional detail around the basis for the compensation structure as well as additional payment and invoice processing details. Please note that the proposed compensation rate is inclusive of meeting preparation time.

## CBOSG Snapshot

**On March 16, SoCalGas hosted an introductory meeting to 23 CBOs interested in serving on the Angeles Link CBOSG. Feedback recorded from that initial meeting included:**

- ❖ Affordability for families
- ❖ Local and diverse procurement
- ❖ Potential local workforce benefits
- ❖ Open, diverse, and fair CBOSG makeup
- ❖ Desire for collaborative effort related to clean energy and its impact in the community
- ❖ Interest in assisting with development of communication materials, including information in multiple languages

20 CBOs have already submitted paperwork to join the CBOSG! SoCalGas will accept applications on an on-going basis until the CBOSG has reached capacity.

**Thank you again for your participation in the Angeles Link stakeholder process. We look forward to our continued discussions and seeing you in-person on June 22 (CBOSG) and/or June 28!**

Because of your feedback, SoCalGas is incorporating:

- Optional virtual governance meeting on 5/18
- Consideration of additional communication channels for information sharing between quarterly meetings

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Questions, comments, concerns?

Please click the name of the contact below to email them:

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