

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



Southern California Gas Company
GAS (Corp ID 904)
Status of Advice Letter 6257G
As of March 4, 2024

Subject: Quarterly Report on Status of Infrastructure Investment and Jobs Act (IIJA), Inflation Reduction Act (IRA), or Creating Helpful Incentives to Produce Semiconductors and Science Act (CHIPS) Projects Pursuant to Resolution E-5254

Division Assigned: Energy

Date Filed: 01-31-2024

Date to Calendar: 02-09-2024

Authorizing Documents: E-5254

Disposition:	Accepted
Effective Date:	02-01-2024

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Gary Lenart

(213) 244-2424

Tariffs@socalgas.com

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



To: Energy Company Filing Advice Letter

From: Energy Division PAL Coordinator

Subject: Your Advice Letter Filing

The Energy Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Energy Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Energy Division staff based on the information contained in the Energy Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Energy Division's Tariff Unit by e-mail to
edtariffunit@cpuc.ca.gov



Joseph Mock
Director
Regulatory Affairs

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Tel: 213.244.3718
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January 31, 2024

Advice No. 6257-G
(U 904 G)

Public Utilities Commission of the State of California

Subject: Quarterly Report on Status of Infrastructure Investment and Jobs Act (IIJA), Inflation Reduction Act (IRA), or Creating Helpful Incentives to Produce Semiconductors and Science Act (CHIPS) Projects Pursuant to Resolution E-5254

Southern California Gas Company (SoCalGas) hereby submits its quarterly report containing information on the status of projects applied for or funded through the Infrastructure Investment and Jobs Act (IIJA), Inflation Reduction Act (IRA), or Creating Helpful Incentives to Produce Semiconductors and Science Act (CHIPS), in compliance with Resolution E-5254.¹

Purpose

This Advice Letter (AL) complies with Ordering Paragraph (OP) 5 of Resolution E-5254, which states:

Starting in Q3 of 2023 until all projects funded with IIJA grants are completed and implemented or Energy Division has notified the IOU that further reporting is no longer needed, Bear Valley Electric Service, Inc. (BVES), Liberty Utilities (CalPeco Electric) LLC (Liberty), Pacific Gas and Electric Company (PG&E), PacifiCorp d.b.a. Pacific Power (PacifiCorp), San Diego Gas & Electric Company (SDG&E), Southern California Edison Company (SCE), Southern California Gas Company (SoCalGas), and Southwest Gas Company (SWGAS) shall submit quarterly Tier 1 Information-Only advice letters containing, at a minimum, the information requested in Table 2 of this Resolution. Alpine Natural Gas and West Coast Gas Company should begin reporting in the quarter following approval of their Tier 2 Advice Letter in Ordering Paragraph 1.

¹ Pursuant to a September 15, 2023 communication from CPUC- Energy Division which provided a Federal Funds Reporting Template which updated the requirements in Table 2 of Resolution E-5254 for quarterly reporting, the Q4 information-only advice letter filings are due January 31 reporting for the quarter that closes December 31.

As of December 31, 2023, SoCalGas is reporting progress on two projects:

CalDACHub

SoCalGas is a member of the California Direct Air Capture Hub (CalDACHub) Consortium which was recently selected for funding from the United States Department of Energy (DOE) to complete a Front-End Engineering Design (FEED) study of its proposed project to capture up to 1M MT per year of CO₂ from the air and permanently sequester it in Kern County, California. The CalDACHub was awarded up to \$11.8M in reimbursable grant funding for this work, and is required to provide a match of at least \$11.8M in cost share. These amounts include SoCalGas costs and match. The California Energy Commission also selected the CalDACHub for an additional \$3M grant to support part of that match. The consortium has a robust partnership list found online here: ([California Resources Corporation - Carbon TerraVault - Projects - California DAC Hub \(crc.com\)](https://www.crc.com)). The Electric Power Research Institute (EPRI) is serving as project manager and is the recipient of funds and responsible for contract negotiation and other communications with DOE distribution of funds to sub recipients. EPRI is currently in contract negotiations and expects to finalize the negotiation in early 2024, allowing for an expected project kickoff thereafter. SoCalGas reporting (including expenses, schedule, deliverables) as well as grant funds will flow through EPRI. SoCalGas is responsible for a FEED study of a pipeline to transport captured CO₂ to a permanent underground geologic sequestration site. Other partners are responsible for efforts including community benefits, FEED study of CO₂ capture, etc. The CO₂ pipeline FEED study is expected to be completed in 2025.

Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES)

The DOE's Regional Clean Hydrogen Hubs Program includes up to \$7 billion to establish six to 10 regional clean hydrogen hubs across America and is part of a larger \$8 billion hydrogen hub program funded through the Bipartisan Infrastructure Law.² The Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES) is California's public-private hydrogen hub consortium to accelerate the development and deployment of clean, renewable energy sources to reduce greenhouse gas emissions and advance to a zero-carbon economy.³ As noted in the prior Advice Letter, on October 13, 2023, the DOE announced that, after a rigorous application and review process, ARCHES was one of seven hubs selected to receive up to \$1.2 billion in federal funding.⁴ The application details are still confidential, and ARCHES is in the negotiation stage with the DOE to secure funding and start building out the hub. DOE/ARCHES negotiations began in November 2023 and are expected to conclude prior to the end of Q2 of 2024. This development gives an enormous boost to California's clean energy and climate goals with a strong commitment to community benefits.

² <https://www.energy.gov/oced/regional-clean-hydrogen-hubs-0>.

³ Ibid.

⁴ <https://archesh2.org/california-wins-up-to-1-2-billion-from-feds-for-hydrogen/>

In accordance with D.22-12-055, SoCalGas joined ARCHES in October 2022 and has been coordinating with ARCHES throughout the development of ARCHES's application for federal funding and has been supportive of the State's efforts to secure federal funding for a California hydrogen hub. A description of SoCalGas's efforts and progress in partnering with ARCHES in compliance with D.22-12-055 is provided herein.

A copy of SoCalGas' Q4 Quarterly Report is included in Attachment A.⁵

Background

The 2021 Infrastructure Investment and Jobs Act (IIJA) appropriated more than \$62 billion to the U.S. Department of Energy (DOE) to create and fund 60 new programs, including 16 demonstration and 32 deployment programs. This newly available federal funding aligns with the Commission's goals of improving energy infrastructure to support zero carbon emissions, grid reliability, safety, and affordability for electric and gas customers. As such, on January 24, 2022 and November 28, 2022, Commission President Alice Busching Reynolds sent two letters to California's investor-owned utilities (IOUs) to gather additional information on how they plan to seek and utilize matching funds that are not directly ratepayer funded.

Additionally, in 2022 Congress passed two other major pieces of energy-related federal legislation – the Inflation Reduction Act (IRA) and the Creating Helpful Incentives to Produce Semiconductors and Science Act (CHIPS). Unlike the IIJA, the IRA and CHIPS rely less heavily on grants to utility providers. The IRA's principal climate and energy-related tools are tax rebates and consumer credits or incentives, while CHIPS invests in research and development to catalyze commercialization of new clean energy technologies faster and at cheaper price points. However, like the IIJA, specific programs and details of the IRA and CHIPS require matching funds (although not necessarily from IOU ratepayers) while others are still under development, allowing for grant or other utility-focused opportunities to be announced at a future time.

On April 10, 2023, the Commission issued Resolution E-5254 adopting a process for the electric and gas IOUs to request cost recovery for match funding and tax liabilities pursuant to any funds received from IIJA's Clean Energy Infrastructure Grant Programs administered by the DOE, IRA, and CHIPS. The Resolution also adopted an advice letter process for IOUs to track and report costs and grant project progress.

⁵ Per a December 19, 2023 communication from CPUC- Energy Division minor adjustments were made to the Federal Funds Reporting Template originally provided on September 15, 2023.

Protests

Anyone may protest this Advice Letter to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be submitted electronically and must be received within 20 days after the date of this Advice Letter, which is February 20, 2024. Protests should be submitted to the attention of the Energy Division Tariff Unit at:

E-mail: EDTariffUnit@cpuc.ca.gov

In addition, protests and all other correspondence regarding this Advice Letter should also be sent electronically to the attention of:

Attn: Gary Lenart
Regulatory Tariff Manager
E-mail: GLenart@socalgas.com
E-mail: Tariffs@socalgas.com

Effective Date

SoCalGas believes this advice letter is subject to Energy Division disposition and should be classified as Tier 1 (effective pending disposition) pursuant to General Order (GO) 96-B. Therefore, SoCalGas respectfully requests that this advice letter become effective for service on and after February 1, 2024.

Notice

A copy of this AL is being sent to SoCalGas' GO 96-B service list and the Commission's service list in the following proceedings:

A2106021; A1908013; A2205016; A2205015; A1908015; A2009002; A2205006;
A2105017; A2208010; R1909009; R1804019; R1901011; A2111021; R1807006;
R2202002, R1812006; A2212009; A2206003; A2107017; A2202007

Address change requests to the GO 96-B service list should be directed via e-mail to Tariffs@socalgas.com or call 213-244-2424. For changes to all other service lists, please contact the Commission's Process Office at 415-703-2021 or via e-mail at Process_office@cpuc.ca.gov.

/s/ Joseph Mock
Joseph Mock
Director – Regulatory Affairs

Attachments



ADVICE LETTER SUMMARY

ENERGY UTILITY



MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.:

Utility type:

ELC GAS WATER
 PLC HEAT

Contact Person:

Phone #:

E-mail:

E-mail Disposition Notice to:

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas WATER = Water
PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #:

Tier Designation:

Subject of AL:

Keywords (choose from CPUC listing):

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL:

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required? Yes No

Requested effective date:

No. of tariff sheets:

Estimated system annual revenue effect (%):

Estimated system average rate effect (%):

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected:

Service affected and changes proposed¹:

Pending advice letters that revise the same tariff sheets:

¹Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name:
Title:
Utility Name:
Address:
City: State:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Name:
Title:
Utility Name:
Address:
City: State:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

**BEFORE THE PUBLIC UTILITIES
COMMISSION OF THE STATE OF CALIFORNIA**


**DECLARATION OF NEIL NAVIN
REGARDING CONFIDENTIALITY OF CERTAIN DATA
PURSUANT TO D.21-09-020**

I, Neil Navin, declare as follows:

1. I am Neil Navin, Chief Clean Fuels Officer in the Clean Energy Innovation Department of Southern California Gas Company ("SoCalGas"). I have reviewed the confidential information included within Attachment A to Advice No. 6257-G, submitted concurrently herewith ("AL 6257-G Attachment A"). I am personally familiar with the facts and representations in this Declaration and, if called upon to testify, I could and would testify to the following based upon my personal knowledge and/or belief.
2. I hereby provide this Declaration in accordance with Decision ("D.") 21-09-020 and General Order ("GO") 66-D to demonstrate that the information identified as confidential ("Protected Information") provided in the AL 6257-G Attachment A should be protected from public disclosure.
3. In accordance with the narrative justification described in Attachment A, the Protected Information should be protected from public disclosure.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct to the best of my knowledge.

Executed this 31st day of January 2024, at Los Angeles, California.


Neil Navin
Chief Clean Fuels Officer

**BEFORE THE PUBLIC UTILITIES
COMMISSION OF THE STATE OF CALIFORNIA**

ATTACHMENT A

**SoCalGas Request for Confidentiality
on the following information in AL 6257-G Attachment A**

Location of Protected Information	Legal Citations	Narrative Justification
<p>Information highlighted in grey in AL 6257-G Attachment A (SCG-002)</p>	<p>CPRA Exemption, Gov't Code § 7927.705 ("Records, the disclosure of which is exempted or prohibited pursuant to federal or state law")</p> <ul style="list-style-type: none"> • <i>See, e.g.</i>, D.11-01-036, 2011 WL 660568 (2011) (agreeing that confidential prices and contract terms specifically negotiated with a program vendor is proprietary and commercially sensitive and should remain confidential) • <i>Valley Bank of Nev. v. Superior Court</i>, 15 Cal.3d 652, 658 (1975) (financial information is protected – especially of non-parties) <p>CPRA Exemption, Gov't Code § 7927.605 (corporate financial records, corporate proprietary information including trade secrets, and information relating to siting within the state furnished to a government agency by a private company for the purpose of permitting the agency to work with the company in retaining, locating, or expanding a facility within California)</p>	<p>SoCalGas has signed a Non-Disclosure Agreement (NDA) with the Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES), and based on SoCalGas's obligations under the NDA, the information identified as confidential is proprietary, commercially sensitive, trade secret, and/or third-party information not otherwise intended for public disclosure and subject to non-disclosure or confidentiality agreements or obligations. ARCHES conducts efforts which involve communications and work product that is intended only for access by designated members. Public disclosure would pose potential negative impacts and/or harm to ARCHES or its members.</p>

**BEFORE THE PUBLIC UTILITIES
COMMISSION OF THE STATE OF CALIFORNIA**

Location of Protected Information	Legal Citations	Narrative Justification
<p>Information highlighted in grey in AL 6257-G Attachment A (SCG-001)</p>	<p>CPRA Exemption, Gov't Code § 7927.705 (“Records, the disclosure of which is exempted or prohibited pursuant to federal or state law”)</p> <ul style="list-style-type: none"> • Cal. Evid. Code § 1060 • Cal. Civil Code §§ 3426 <i>et seq.</i> (relating to trade secrets)¹ • <i>TMX Funding Inc. v. Impero Technologies, Inc.</i>, 2010 WL 2745484 at *4 (N.D. Cal. 2010) (defining trade secret to include “business plans and strategies”) • <i>Whyte v. Schlage Lock Co.</i>, 101 Cal. App. 4th 1443, 1453, 1456 (2002) (listing examples of trade secrets) • <i>Morton v. Rank America, Inc.</i>, 812 F. Supp. 1062, 1073 (1993) (“actual or probable income, expenses and capital needs of [a company], the financial, operational, marketing and other business strategies and methods” could constitute trade secret) • 5 U.S.C. § 552(b)(4) (Exemption 4 of FOIA protecting “trade secrets and commercial or financial information obtained from a person and privileged or confidential”) <p>CPRA Exemption, Gov't Code § 7927.605 (corporate financial records, corporate proprietary information including trade secrets, and information relating to siting within the state furnished to a government agency by a private company for the purpose of permitting the agency to work with the company in retaining, locating, or expanding a facility within California)</p> <p>CPRA Exemption, Gov't Code § 7922.000 (public interest served by not disclosing the record clearly outweighs the public interest served by disclosure of the record)</p>	<p><u>Non-Public Company Financial Information:</u> Disclosure of information could indicate to the public change in the Company’s financial status or business opportunities potentially resulting in a competitive disadvantage.</p> <p>EPRI is currently under contract negotiations with the US DOE for the grant selection for the California DAC Hub project. No grant details have been released by the US DOE besides the total amount of the grants selected to move forward for contract negotiations.</p> <p>Disclosure of nonpublic information could adversely affect the ongoing contract negotiations.</p>

ATTACHMENT A
Advice No. 6257-G
Public Version

Quarterly Report on Status of Infrastructure Investment and Jobs Act (IIJA), Inflation Reduction Act (IRA), or Creating Helpful Incentives to Produce Semiconductors and Science Act (CHIPS) Projects Pursuant to Resolution E-5254

Field Number	Bin	Field Name	Index Number 1	Index Number 2	...
1	Data Management	Index Number	SCG-001	SCG-002	
2	Data Management	Entry Added	Q3-2023	Q3 2023	
3	Data Management	Entry Updated	Q4-2023	Q4 2023	
4	Data Management	Federal Recipient Identifier Number	Not Applicable (N/A)	Not Applicable (N/A)	
5	Identifying	Utility Name	Southern California Gas Company	Southern California Gas Company	
6	Identifying	Non-Utility Project Partners	Electric Power Research Institute, Kern Community College District, California Resources Corporation, Climeworks, Avnos, etc	The Alliance for Renewable Clean Hydrogen Energy System (ARCHES) is a statewide public-private partnership designed to accelerate renewable hydrogen's contribution to decarbonizing the state's economy and build on California's long-standing hydrogen and renewable energy leadership. The Governor's Office of Business and Economic Development (GO-Biz) has joined with the University of California, Lawrence Berkeley National Laboratory, state agencies, elected leaders, organized labor, and non-profit organizations to build the framework for California's renewable, clean hydrogen hub.	
7	Identifying	Project Name	California Direct Air Capture Hub	N/A	
8	Identifying	Description of Project	FEED study to remove 1 MMT/yr of CO2 directly from the air, and transport to a permanent sequestration site	Angeles Link is part of the ARCHES proposal, with two initial segments (described below) supporting the nearer term initial hydrogen hub and the remainder of the project supporting ARCHES's and the state's longer-term vision and plan. The proposed segments would be the first phase of the larger proposed Angeles Link clean renewable hydrogen pipeline transportation system project (Angeles Link Project), an open-access, common carrier pipeline transportation system dedicated to public use that would enable at-scale adoption of clean renewable hydrogen in California. The Decision authorizing the establishment of SoCalGas's Angeles Link Memorandum Account (ALMA) (D. 22-12-055) directed SoCalGas to "join other entities that are members of the Alliance for Renewable Clean Hydrogen Energy Systems in support of the State of California's application for the federal funding provided through the Infrastructure Investment and Jobs Act" and to report on its "efforts and progress in partnering with the State of California on its application for federal funding provided through the Infrastructure Investment and Jobs Act." In accordance with the Decision, SoCalGas coordinated with ARCHES throughout the development of ARCHES's application for federal funding. On April 7, 2023, the State submitted its application to the Department of Energy. SoCalGas actively participated with ARCHES during the development of its application and is among one of the more than 100 members within the ARCHES network. On October 13, 2023, DOE announced that the ARCHES H2Hub has been selected to be awarded up to \$1.2 billion from the Regional Clean Hydrogen Hubs program. Award negotiations and implementation plans are now underway.	
9	Identifying	State/CPUC Goal Support	Setting a 20 MMT carbon removal target for 2030 and 100 MMT carbon removal target for 2045, and CARB 2023 Scoping Plan	ARCHES aligns with the Commission's goals of improving energy infrastructure to support zero carbon emissions and grid reliability. ARCHES is committed to ensuring an equitable transition to renewable hydrogen and all projects must advance diversity, equity, inclusion and accessibility. Along with the creation of over 220,000 new green jobs, it is also estimated that ARCHES' projects will ultimately result in \$2.95 billion per year (starting in 2030) in economic value including increased health and health-care cost savings due to reductions in pollutant emissions.	
10	Identifying	Cost Recovery Proceedings	A.22-05-015 - TY 2024 GRC Application of SoCalGas	N/A	
11	Identifying	Related Proceedings	N/A	N/A	
12	Identifying	Link	California Resources Corporation - Carbon TerraVault - Projects - California DAC Hub (crc.com) https://www.energy.gov/fecm/project-selections-foa-2735-regional-direct-air-capture-hubs-topic-area-1-feasibility-and	https://archesh2.org/	
13	Identifying	Point of Contact	Hilary Petrizzo (hpetrizzo@socalgas.com)	Jill Tracy (jtracy@socalgas.com)	
14	Grant Info	Funding Vehicle	IJA	IJA	
15	Grant Info	Funding Agency	US DOE	US DOE	
16	Grant Info	Funding Section Number	DE-FOA-0002735	N/A	

17	Grant Info	Program/Grant Name	Regional Direct Air Capture Hub Program	Regional Clean Hydrogen Hubs Program
18	Grant Info	Direct or Agency	Direct	Unknown
19	Grant Info	State Agency Awarding	California Energy Commission is providing \$3,000,000 matching funds to the consortium (SoCalGas is not receiving CEC funds)	N/A
20	Grant Info	Competitive/Formula	Competitive	Competitive
21	Grant Info	Award Type	Grant	Grant
22	Grant Info	Award Status	Selected for Award Negotiations on 8/11/2023.	ARCHES application submitted on April 7, 2023. DOE award to ARCHES announced October 13, 2023 with final award announcement pending.
23	Grant Info	Award Date	To be determined (TBD)	To be determined (TBD)
24	Grant Info	Narrative of costs incurred	No costs incurred as of 01/31/2024.	In Q4, SoCalGas did not record ARCHES DOE application costs in the IJA memorandum account. ARCHES DOE application development costs are currently recorded in the ALMA in accordance with D. 22-12-055.
25	Grant Info	Future Opportunities	Consortium was selected for award negotiation for funding of Phase I/Topic Area 2 (Engineering Design), expected to apply for next phase (Topic Area 3, Permitting & Construction) once released by DOE in 2024 or later	N/A
26	Grant Info	Total National Funding Available for Program	\$3,500,000,000	The Regional Clean Hubs program includes up to \$7 billion to establish 6-10 regional clean hydrogen hubs across America.
27	Grant Info	Related Awards	N/A	N/A
28	Financial	Initial Estimated Project Total Budget	[REDACTED]	
29	Financial	Updated Estimated Project Total Budget	TBD	TBD
30	Financial	Award Amount Applied For	[REDACTED]	
31	Financial	Award Amount Awarded	[REDACTED]	
32	Financial	Actual Funding to Date	[REDACTED]	
33	Financial	Funding Spent	[REDACTED]	
34	Financial	Funding Remaining	[REDACTED]	
35	Financial	Match Required	Yes	Yes
36	Financial	Ratepayer Match	Pending CPUC Decision in A.22-05-015 (TY 2024 GRC)	Yes
37	Financial	Ratepayer Match Amount Requested	Pending CPUC Decision in A.22-05-015 (TY 2024 GRC)	TBD
38	Financial	Ratepayer Match Amount Approved	Pending CPUC Decision in A.22-05-015 (TY 2024 GRC)	TBD
39	Financial	Ratepayer Match Approval	Pending CPUC Decision in A.22-05-015 (TY 2024 GRC)	TBD
40	Financial	Other Match Amount	See Field 19	NA
41	Financial	Other Match - State Source	See Field 19	No
42	Financial	Other Match - Source Name	See Field 19	NA
43	Financial	Other Match Status	See Field 19	NA
44	Financial	Other Match Date	See Field 19	NA
45	Financial	Funding Expiration Date	2 year from contract execution	NA
46	Status	Active/Inactive	Active	Active
47	Status	Status	Contract in negotiation with DOE	Preliminary planning stage of Angeles Link system, including segments included in ARCHES. Awaiting final award from DOE. On October 13, 2023, DOE announced that the ARCHES H2Hub has been selected to be awarded up to \$1.2 billion from the Regional Clean Hydrogen Hubs program. Award negotiations and implementation plans initiated on November 1, 2023 and remain underway.

48	Status	Initial Estimated Start Date	[REDACTED]	TBD
49	Status	Updated Estimated Start Date	N/A	TBD
50	Status	Initial Estimated Completion Date	[REDACTED]	[REDACTED]
51	Status	Updated Estimated Completion Date	N/A	NA
52	Status	Actual Completion Date	N/A	NA
53	Status	Milestones	TBD	NA
54	Status	Challenges	Pending resolution by CPUC for the CO2 Pipeline FEED Study included in application A.22-05-015 (TY 2024 GRC).	SoCalGas is in the preliminary planning stage of the Angeles Link system. Multiple regulatory, financial, land rights and other approvals across various federal, state and local agencies/parties, supply chain and system configuration requirements, etc. are under evaluation, including as part of the Angeles Link Phase One feasibility studies.
55	Location	Counties	Kern	Please see ARCHES fact sheet with map inset available at: https://archesh2.org/wp-content/uploads/2023/10/Meet-Arches_October-2023.pdf
56	Location	Census Tracts or Shape	[REDACTED]	[REDACTED]
57	Location	Disadvantaged or Vulnerable Community Location	Partial	Partial
58	Location	Disadvantage or Vulnerable Community Definition	CalEnviroScreen 4.0	CalEQA CalEnviroScreen and USEPA EJScreen Tools
59	Location	Tribal Location	No	No
60	Location	Tribal Benefit	No	No
61	Location	Tribal Name	N/A	N/A
62	Project Elements	Renewable Generation	No	No
63	Project Elements	Renewable Generation Capacity	N/A	N/A
64	Project Elements	Renewable Generation Unit	N/A	N/A
65	Project Elements	Renewable Location	N/A	In Front of the Meter
66	Project Elements	Microgrid	No	No
67	Project Elements	Storage	No	No
68	Project Elements	Storage Capacity	N/A	N/A
69	Project Elements	Storage Unit	No	N/A
70	Project Elements	Storage Location	N/A	N/A
71	Project Elements	Distribution	No	No
72	Project Elements	Transmission	Yes	Yes
73	Project Elements	Energy Efficiency	No	No
74	Project Elements	Electric Vehicle Charging	No	No
75	Project Elements	Electric Vehicle Chargers	No	No
76	Project Elements	Biofuels/Hydrogen	No	Yes
77	Project Elements	IT/Remote Operation/Monitoring	No	No
78	Project Elements	Hydropower	No	No
79	Project Elements	Hydropower Generation Capacity	No	N/A
80	Project Elements	Hydropower Generation Unit	No	N/A
81	Project Elements	Carbon Capture and Storage	Yes	No