



Eric Kroh

Project Manager- Energy Markets

Southern California Gas Company
9400 Oakdale Ave., Chatsworth CA 91313-6511

*Mail Stop SC9313
Mobile. No. (213) 214-9419*

February 12, 2026

VIA [EMAIL]

Mr. Mike Futrell
City of Riverside, Regional Water Quality Control Plant
5950 Acorn Street
Riverside, CA 92504

Re: Consent to Assignment of City of Riverside, Regional Water Quality Control Plant – SoCalGas Rule 39 Agreements to Riverside Bioenergy Facility, LLC

Dear Mr. Mike Futrell:

Reference is made to the following agreements and related documents that were entered into or prepared pursuant to Southern California Gas Company's ("SoCalGas") Tariff Rule 39 and are attached to this letter as Attachments 2 through 7: (1) Confidentiality Agreement, dated November 12, 2019 ("CA"), between SoCalGas and City of Riverside, Regional Water Quality Control Plant ("COR"); (2) Consulting Services Agreement, dated September 18, 2020 and Exhibits A, A1, and A2 (collectively "CSA1"), between SoCalGas and COR; (3) Capacity Study results dated January 9, 2020, pursuant to Exhibit A; (4) Preliminary Engineering Results dated June 22, 2021, prepared by SoCalGas pursuant to Exhibit A1 of the CSA1; (5-6) Revised Capacity Study Results dated October 25, 2024 and Detailed Engineering Results, dated December 10, 2025, prepared by SoCalGas pursuant to Exhibit A2 of the CSA1; (7) Consulting Services Agreement, dated September 9, 2025, including Exhibit A3 thereto (collectively, "CSA2"), between SoCalGas and COR. Each of the foregoing agreements, together with all schedules, exhibits, amendments, reports, results, and reconciliations thereto, are collectively referred to herein as the "Assigned Documents".

Thank you for your written notification from COR requesting the assignment to Riverside Bioenergy Facility, LLC (RBF) of the Agreements.

SoCalGas is willing to consent to the assignment of the Assigned Documents to RBF, effective as of the Assignment Effective Date (as defined in Attachment 1 attached hereto), utilizing the form of the assignment agreement attached hereto as Attachment 1 ("Assignment Agreement"), provided that COR and RBF meet to SoCalGas' satisfaction, the following conditions on or before the Assignment Effective Date:

COR and RBF shall execute the Assignment Agreement, pursuant to which COR shall, among other things, assign to RBF and RBF shall assume all rights and obligations under the Agreements (including all reconciliations of actual to estimated costs thereof). CSA1 Exhibit A, has been funded at the original estimate of \$4,629.00, CSA1 Exhibits A1, A2 have been funded at the original estimate of \$765,000.00, and CSA2 Exhibit A3 for the purchase of long lead materials was funded at an estimated cost of \$1,200,000.00.

For the avoidance of doubt, if the project actual costs of any or all of the Exhibits A, A1, A2 and A3 Services exceed the funded estimate, RBF will be required to fund any under-collection and, if the actual cost of any or all of the Exhibits A, A (Revised), A1, A2 and A3 is less than the funded estimate, RBF will have the right to receive a refund,

all in accordance with the terms of the Exhibits A, A1, A2 and A3.

If the foregoing correctly reflects our mutual understanding, please so indicate by executing the Assignment, Assumption and Consent to Assignment, and return to the undersigned for SoCalGas' approval, and, if SoCalGas accepts, SoCalGas will electronically return a fully executed copy for your records.

Please call me at 213-214-9419 to discuss any comments or questions.

Very Truly Yours,

Eric Kroh

Project Manager, Energy Markets

Enclosures:

Attachment 1 – Assignment Agreement

Attachment 2 – Confidentiality Agreement

Attachment 3 – Consulting Services Agreement with Exhibits A, A1, A2, and A3

Attachment 4 – Exhibit A Interconnect Capacity Study Results

Attachment 5 – Exhibit A1 Preliminary Engineering Study Results

Attachment 6 – Revised Capacity Study Results (Completed Prior to Detailed Engineering Study)

Attachment 7 – Exhibit A2 Detailed Engineering Study Results

Attachment 1
FORM OF ASSIGNMENT OF AGREEMENT

[See attached.]

ASSIGNMENT OF CONFIDENTIALITY AGREEMENT, CONSULTING SERVICES AGREEMENT WITH EXHIBITS A, A1, AND A2, INTERCONNECT CAPACITY STUDY RESULTS AND PRELIMINARY ENGINEERING STUDY RESULTS, DETAILED ENGINEERING RESULTS, AND CONSULTING SERVICES AGREEMENT WITH EXHIBITS A3, INCLUDING ALL RELATED OBLIGATIONS THEREUNDER

By this Assignment, effective as of the Assignment Effective Date (as defined below), City of Riverside, Regional Water Quality Control Plant (“Assignor”) assigns to Riverside Bioenergy Facility, LLC (“Assignee”) all of Assignor’s rights, obligations, duties, title, and interest in and to the following agreements and related documents (collectively, including any and all schedules, amendments, reports and reconciliations thereto, the “Assigned Documents”): (1) Confidentiality Agreement, dated November 12, 2019 (“CA”), between SoCalGas and Assignor; (2) Consulting Services Agreement, dated September 18, 2020 and Exhibits A, A1, and A2 (collectively “CSA1”), between SoCalGas and Assignor; (3) Capacity Study results dated January 9, 2020, pursuant to Exhibit A respectively of the CSA1; (4) Preliminary Engineering Results dated June 22, 2021, prepared by SoCalGas pursuant to Exhibit A1 of the CSA1; (5) Revised Capacity Study Results dated October 25, 2024, prepared by SoCalGas pursuant to Exhibit A2 of the CSA1; (6) Detailed Engineering Results, dated December 10, 2025, prepared by SoCalGas pursuant to Exhibit A2 of the CSA1; (7) Consulting Services Agreement, dated September 9, 2025, including Exhibit A3 thereto (collectively, “CSA2”), between SoCalGas and Assignor. Capitalized terms used in this Assignment Agreement, but not defined herein, shall have the respective meanings given to them in the Assigned Documents. Notwithstanding this assignment, Assignor shall remain liable to SoCalGas for each duty and obligation Assignor had under the Assigned Documents through the date immediately preceding the Assignment Effective Date.

Date: _____

City of Riverside, Regional Water Quality Control Plant
“Assignor”

By: _____
Name: _____
Title: _____

ASSUMPTION OF CONFIDENTIALITY AGREEMENT, CONSULTING SERVICES AGREEMENT WITH EXHIBITS A, A1, AND A2, INTERCONNECT CAPACITY STUDY RESULTS, PRELIMINARY ENGINEERING STUDY RESULTS, DETAILED ENGINEERING STUDY RESULTS, AND

APPROVED AS TO FORM:

BY: 
ASSISTANT CITY ATTORNEY

ASSIGNMENT OF CONFIDENTIALITY AGREEMENT, CONSULTING SERVICES AGREEMENT WITH EXHIBITS A, A1, AND A2, INTERCONNECT CAPACITY STUDY RESULTS AND PRELIMINARY ENGINEERING STUDY RESULTS, DETAILED ENGINEERING RESULTS, AND CONSULTING SERVICES AGREEMENT WITH EXHIBITS A3, INCLUDING ALL RELATED OBLIGATIONS THEREUNDER

By this Assignment, effective as of the Assignment Effective Date (as defined below), City of Riverside, Regional Water Quality Control Plant (“Assignor”) assigns to Riverside Bioenergy Facility, LLC (“Assignee”) all of Assignor’s rights, obligations, duties, title, and interest in and to the following agreements and related documents (collectively, including any and all schedules, amendments, reports and reconciliations thereto, the “Assigned Documents”): (1) Confidentiality Agreement, dated November 12, 2019 (“CA”), between SoCalGas and Assignor; (2) Consulting Services Agreement, dated September 18, 2020 and Exhibits A, A1, and A2 (collectively “CSA1”), between SoCalGas and Assignor; (3) Capacity Study results dated January 9, 2020, pursuant to Exhibit A respectively of the CSA1; (4) Preliminary Engineering Results dated June 22, 2021, prepared by SoCalGas pursuant to Exhibit A1 of the CSA1; (5) Revised Capacity Study Results dated October 25, 2024, prepared by SoCalGas pursuant to Exhibit A2 of the CSA1; (6) Detailed Engineering Results, dated December 10, 2025, prepared by SoCalGas pursuant to Exhibit A2 of the CSA1; (7) Consulting Services Agreement, dated September 9, 2025, including Exhibit A3 thereto (collectively, “CSA2”), between SoCalGas and Assignor. Capitalized terms used in this Assignment Agreement, but not defined herein, shall have the respective meanings given to them in the Assigned Documents. Notwithstanding this assignment, Assignor shall remain liable to SoCalGas for each duty and obligation Assignor had under the Assigned Documents through the date immediately preceding the Assignment Effective Date.

Date: _____

City of Riverside, Regional Water Quality Control Plant
“Assignor”

By: _____
Name: _____
Title: _____

ATTEST:

By: _____
City Clerk

CERTIFIED AS TO FUNDS AVAILABILITY:

BY: *[Signature]*
ASSISTANT CHIEF FINANCIAL OFFICER

APPROVED AS TO FORM:

By: *[Signature]*
Deputy City Attorney

ASSUMPTION OF CONFIDENTIALITY AGREEMENT, CONSULTING SERVICES AGREEMENT WITH EXHIBITS A, A REVISED, A1, AND A2, INTERCONNECT CAPACITY STUDY RESULTS, PRELIMINARY ENGINEERING STUDY RESULTS, DETAILED ENGINEERING STUDY RESULTS, AND CONSULTING SERVICES AGREEMENT WITH EXHIBIT A3, INCLUDING ALL RELATED OBLIGATIONS THEREUNDER

Assignee accepts the foregoing Assignment of the Assigned Agreements with all of their terms and conditions. Except as provided for in the foregoing Assignment, Assignee hereby assumes each and every duty and obligation owing to SoCalGas arising out of or in connection with the Assigned Agreements, commencing as of the Assignment Effective Date. Assignee will not assign the rights, title, or interest in, or the duties and obligations under, the Assigned Agreements without the prior written consent of SoCalGas. In the event of any future permitted assignment, Assignee shall remain liable to SoCalGas for each and every duty and obligation belonging to the Assignor under the Assigned Agreements. This Assignment and Assumption is neither a modification of nor an amendment to the Agreements.

Date: _____

Riverside Bioenergy Facility, LLC
"Assignee"

By: _____
Name: _____
Title: _____

CONSENT TO ASSIGNMENT AND ASSUMPTION OF CONFIDENTIALITY AGREEMENT, CONSULTING SERVICES AGREEMENT WITH EXHIBITS A, A REVISED, A1, AND A2, INTERCONNECT CAPACITY STUDY RESULTS, PRELIMINARY ENGINEERING STUDY RESULTS, DETAILED ENGINEERING STUDY RESULTS AND CONSULTING SERVICES AGREEMENT WITH EXHIBIT A3, INCLUDING ALL RELATED OBLIGATIONS THEREUNDER

SoCalGas consents to the foregoing assignment of the Assigned Documents by Assignor to Assignee and the foregoing assumption of such Assigned Documents by Assignee. The foregoing assignment and assumption shall become effective on the date set forth below ("Assignment Effective Date"), and no assignment shall be deemed to have occurred between Assignor and Assignee until such date.

Assignment Effective Date: _____

SOUTHERN CALIFORNIA GAS COMPANY

By: _____
Name: Evan Garza
Title: Energy Markets Segment Manager

EXHIBIT B
to
Consulting Services Agreement
dated March 11, 2020

This Consulting Services Agreement is subject to the attached Confidentiality Agreement, dated September 3, 2019, between the City of Riverside, Regional Water Quality Control Plant and Southern California Gas Company

CONFIDENTIALITY AGREEMENT

Exhibit B to the Consulting Services Agreement dated September 3, 2019

This Confidentiality Agreement ("Agreement") is made and entered into effective as of September 3, 2019 ("Effective Date"), by and between City of Riverside, Regional Water Quality Control Plant, a Government Entity Non Profit 501(C) located at 5950 Acorn Street, Riverside, CA 92504 ("Company"), and the Southern California Gas Company, a California corporation, located at 555 W. Fifth Street, Los Angeles, CA 90013-1011 ("SCG").

In consideration of the mutual covenants herein, and the disclosures to be made in connection herewith, the parties agree as follows:

1. Company is considering engaging in developing a biomethane interconnection project located at 5950 Acorn Street, Riverside CA, 92504 at or near GPS coordinates, 33°57'43.68" N; 117°27'19.09"W, that would connect with SCG's gas pipeline system ("Project") in California and wishes to discuss with SCG certain aspects of the Project and the possible future relationship of the parties concerning the Project (the "subject matter"). Because of the competitive nature of the Project and the subject matter, which may be discussed by the parties concerning the Project, the parties agree to keep all subject matter identified in writing as "Proprietary Information" confidential. "Proprietary Information" shall mean any data, information, trade secrets or "know-how" that is proprietary to a Party, and not known to the Party receiving it or the general public as of the date hereof, which is disclosed in the course of dealings between the Parties in connection with this Agreement, in oral and/or written form. For the purposes of this Agreement, the party receiving Proprietary Information from a party in connection herewith is the "Receiving Party," and the party providing Proprietary Information to the other party hereunder is the "Disclosing Party". Any information designated by a party as Proprietary Information, if in tangible form, will be marked clearly as "Proprietary Information"; or if communicated orally, it must be identified in writing as "Proprietary Information" in reasonable detail within five (5) business days after disclosure. This Agreement does not require either Party to disclose any particular "Proprietary Information," or to disclose it in any particular form or format. No representation is made that any Proprietary Information disclosed is free from error, or suitable for any use or purpose. Company understands that as a California public utility company SCG is obligated to provide service in a non-discriminatory manner and this Agreement in no way prevents, restricts or limits SCG's discussions or relationships with other companies considering interconnection projects other than not disclosing the Proprietary Information of Company.
2. Except as otherwise provided in this Agreement, no part of the Proprietary Information may be disclosed or delivered to third parties or used by the Receiving Party for any purpose other than for the purpose stated in Paragraph 1 above, without the prior written consent of the Disclosing Party, which may be refused. Except as authorized in writing by the Disclosing Party, the Receiving Party shall not copy, disclose, or use the Disclosing Party's Proprietary Information or any part thereof and shall return to the Disclosing Party or

3. destroy, upon the Disclosing Party's request, all Proprietary Information provided by the Disclosing Party in tangible form, and all copies, photographs, reproductions, and all other duplications thereof, including any summaries, extracts and other information derived from the Proprietary Information, regardless of the form of media.
4. The Receiving Party shall take all reasonable measures to prevent unauthorized disclosure of the Proprietary Information and shall restrict access to the Proprietary Information to those employees, or employees of Affiliates, who have a need to know in the course of their duties. If the Receiving Party finds it necessary for the purpose set forth in Paragraph 1 above to disclose to a subcontractor or agent any Proprietary Information, such subcontractor or agent shall first agree in writing to comply with the provisions of this Agreement. For purposes of this Agreement, "Affiliate" shall mean any company or legal entity which (a) controls either directly or indirectly a Party, or (b) which is controlled directly or indirectly by such party, or (c) is directly or indirectly controlled by a company or entity which directly or indirectly controls such party. Control means the right to exercise fifty percent (50%) or more of the voting rights in the appointment of the directors or similar representatives of such company or entity.
5. Notwithstanding any of the other provisions herein, SCG will not disclose any Proprietary Information disclosed pursuant to this Agreement to any of its Affiliates not regulated by the CPUC without the prior written consent of Company.
6. All Proprietary Information disclosed hereunder shall be and remain the exclusive property of the Disclosing Party. This Agreement shall not be construed to grant to the Receiving Party any license or other rights to the Proprietary Information except as specifically noted herein.
7. The obligations set forth in this Agreement shall not apply to information that the Receiving Party can establish is:
 - a. Information, which is in the public domain as of the date of this Agreement or which later, enters the public domain from a source other than the Receiving Party.
 - b. Information which the Receiving Party has written evidence of knowing prior to the execution of this Agreement.
 - c. Information which the Receiving Party receives from a bona fide third party source not under any obligation of confidentiality.
 - d. Information approved for release by the Disclosing Party in writing.
 - e. Information, which is required by law (e.g., court order or governmental agency subpoena) to be disclosed. If either Party or any of its Representatives is required by applicable law, regulation or legal process (by oral question, interrogatories, requests for information or documents, subpoena, civil investigative demand or similar process) to disclose any Proprietary Information provided to it under this Agreement, such Party or its Representative will promptly notify the other Party of such requirement

so that it may seek an appropriate protective order or elect, in its sole discretion, to grant a waiver of compliance with the provisions of this Agreement. If, in the absence of a protective order or the receipt of a waiver hereunder within a reasonable time after such notice, a Party or any of its Representatives is, in the reasonable opinion of such Party, compelled to disclose any Proprietary Information, then the disclosing Party may disclose only such of the Proprietary Information to the person compelling disclosure as is required by law. The Party being forced to disclose any Proprietary Information will provide all commercially reasonable assistance to enable the other Party to obtain a protective order or other reliable assurance that the Proprietary Information will be accorded confidential treatment.

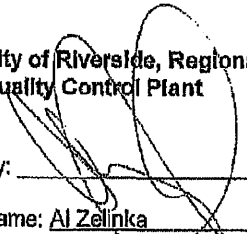
- f. Either Party may disclose to any governmental entity (including a court) or its representatives or other persons as required by such entity, the tax treatment and tax structure of any transaction arising at any time in connection with this Agreement or related hereto, as well as all materials provided to either Party of any kind (including opinions or other tax analyses) relating to the tax treatment or tax structure of such transaction.
8. If the Receiving Party breaches or defaults in the performance of any of its covenants contained herein or violates any of the restrictions set forth herein, the Disclosing Party shall be entitled to all remedies available at law or in equity. The parties acknowledge that the Proprietary Information is valuable and unique, and that damages would be an inadequate remedy for breach of this Agreement and the obligations of each party and its Representatives are specifically enforceable. Accordingly, the parties agree that in the event of a breach or threatened breach of this Agreement by either party, the disclosing party shall be entitled to seek an injunction preventing such breach, without the necessity of proving damages or posting any bond. Any such relief shall be in addition to, and not in lieu of, money damages or any other available legal or equitable remedy.
9. If either party employs attorneys (in-house and/or outside counsel) to enforce any rights arising out of or related to this Agreement, the prevailing party in such matter (as determined by the court) shall be entitled to receive its reasonable attorneys' fees, costs and disbursements.
10. This Agreement shall begin on the Effective Date and continue for period of two (2) years from the date of the last disclosure of Proprietary Information in connection herewith.
11. Neither this Agreement, nor the disclosure of Proprietary Information under this Agreement, nor the ongoing discussions and correspondence by the parties regarding the subject matter of this Agreement, shall constitute or imply any promise or intention to make any purchase or use of the services, products, facilities, real property or other assets of either party, or any commitment by either party with respect to any other present or future arrangement. If, in the future, the parties elect to enter into binding commitments relating to any of the matters stated herein, they must be stated in a separate executed written contract by the parties.

12. This Agreement shall be governed by and construed under the laws of the California, without reference to any principles on conflicts of laws. Any dispute between the parties arising under this Agreement shall be litigated solely in the state or federal courts located in the County of Los Angeles, State of California.
13. This Agreement sets forth the entire understanding of the parties with respect to the subject matter hereof and supersedes all prior discussions, communications and agreements, both oral and written. This Agreement shall not be amended or modified except by an agreement or amendment in writing signed by both parties, and shall not be modified by course of performance, course of dealing, or usage of trade. No waiver of any right under this Agreement shall be deemed a subsequent waiver of the same right or any other right. To be effective, any waiver of the provisions hereof shall be in writing.

The authorized signatories of the parties have executed this Confidentiality Agreement as of the Effective Date.

City of Riverside, Regional Water
Quality Control Plant

SOUTHERN CALIFORNIA GAS COMPANY

By:  _____

By:  _____

Name: Al Zelinka

Name: Rasha Prince

Title: City Manager

Title: Director - C/I Services

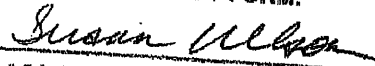
Date: 11/2/19

Date: 9-5-2019

Attest:  _____

COLLEEN J. NICOL
City Clerk

APPROVED AS TO FORM:

BY:  _____

ASSISTANT CITY ATTORNEY

Attachment 3
Consulting Services Agreement with Exhibits A, A1, A2, and A3

[See attached.]

CONSULTING SERVICES AGREEMENT

This Consulting Services Agreement is subject to a Confidentiality Agreement, dated September 3, 2019, between the City of Riverside, Regional Water Quality Control Plant and Southern California Gas Company.

September 18, 2020

THIS CONSULTING SERVICES AGREEMENT (the "Agreement") is made and entered into effective this **March 11, 2020** (the "Effective Date") by and between **Southern California Gas Company**, a California corporation ("SoCalGas"), and **City of Riverside, Regional Water Quality Control Plant**, a Government Entity Non Profit 501 (C) ("Client").

RECITALS

WHEREAS, SoCalGas is a public utility regulated by the California Public Utilities Commission ("CPUC") providing gas service to end-use customers within Southern California.

WHEREAS, the Client is a sponsor of a **biomethane interconnection located near 5950 Acorn Street, Riverside, CA 92504 utilizing biogas derived primarily from the Regional Water Quality Control Plant** project and/or has an interest in SoCalGas' ability to receive and redeliver additional gas supplies into its gas utility system.

WHEREAS, the Client desires to retain SoCalGas in connection with the performance of certain consulting services, upon the terms and conditions set forth in this Agreement (the "Services").

AGREEMENT

NOW, THEREFORE, in consideration of the mutual covenants set forth herein the parties agree as follows:

SECTION 1 - CONSULTING SERVICES

1.1. Retention. Client hereby retains SoCalGas to provide the Services, upon the terms and conditions set forth in this Agreement.

1.2. Scope of Services. The Services to be provided to Client by SoCalGas shall consist of the following tasks to this agreement including (check all that apply) as detailed in the applicable Exhibit:

- Exhibit A – Interconnect Capacity Study (CheckBox),
- Exhibit A1 – Preliminary Engineering Study (CheckBox),
- Exhibit A2 – Detailed Engineering Study (CheckBox),
- Exhibit A3 – Detailed Engineering Study and Long Lead Material Procurement (CheckBox).

CONSULTING SERVICES AGREEMENT

This Consulting Services Agreement is subject to a Confidentiality Agreement, dated September 3, 2019, between the City of Riverside, Regional Water Quality Control Plant and Southern California Gas Company.

An executed Exhibit A is required, except in the case where Client has in place a valid and effective SoCalGas Interconnect Capacity Study, before Client can contract for Exhibit A1 and/or A2 or, in cases where SoCalGas already knows what the long lead materials and their costs are, A1 and/or A3. Each Exhibit only becomes effective upon execution by both Client and SoCalGas.

No construction work shall be included or done pursuant to this Agreement.

1.3. Term. This Agreement shall be effective on the Effective Date and shall continue in full force and effect until the completion of the Services.

SECTION 2 - COMPENSATION AND EXPENSES

2.1. Compensation. An estimate of SoCalGas' fees and all other applicable costs to be billed by SoCalGas to Client under this Agreement are set forth in each applicable Exhibit to this Agreement. In any event, Client shall be liable for the actual costs of the Services which may be higher than the estimated costs. Actual costs shall include the actual Services rendered and all related costs incurred, and shall include permit or other fees or charges, procurement, indirect costs and overheads, carrying costs, and any related income or other tax liability thereon.

2.2. Payment. Upon execution of this Agreement and Exhibit A, Client shall make payment to "Southern California Gas Company" for the Services in the amount specified in Exhibit A within thirty (30) days. Upon execution of any additional Exhibit (as further described in Section 1.2) Client shall make payment to "Southern California Gas Company" for Services in the amount specified in such Exhibit(s) within thirty (30) days. Any amount billed by SoCalGas to Client subsequent to the initial payment shall be paid by Client within twenty (20) days after receipt of SoCalGas' invoice to the address set forth in Section 8 below.

2.3. Change Orders. Any change to the Scope of Services shall be in writing (a "Change Order") and signed by Client and SoCalGas. If Client issues any request for a change in the Scope of the Services or the time of completion of the Services beyond those tasks described in the Scope of Services and not identified as a Change Order, but which SoCalGas considers to be a Change Order, then SoCalGas shall notify Client in writing and the parties shall mutually decide whether such a change in the Scope of Services or the time of completion of the Services constitutes a Change Order, which increases or decreases the Scope of the Services and increases or decreases the cost to SoCalGas of providing the Services. If SoCalGas issues a Change Order that results in an increase or decrease in the cost of the Services, then an adjustment shall be made to the total compensation and/or the time of completion of the Services. All written Change Orders shall become a part of this Agreement. SoCalGas may refrain from any additional work until Client has paid such additional amount as set forth above.

2.4. Payroll Taxes. Social security, federal, and other applicable taxes shall not be withheld from payments made to SoCalGas.

CONSULTING SERVICES AGREEMENT

This Consulting Services Agreement is subject to a Confidentiality Agreement, dated September 3, 2019, between the City of Riverside, Regional Water Quality Control Plant and Southern California Gas Company.

SECTION 3 - INFORMATION AND OWNERSHIP

3.1. Confidential Information. During the term of this Agreement, either party may have access to and become acquainted with confidential information and trade and business secrets of the other. Treatment of this information by both parties is set forth in the Confidentiality Agreement which is attached hereto and incorporated herein as Exhibit B of this Agreement (the Confidentiality Agreement).

3.2. Ownership and Use. Notwithstanding the above, any and all material and information prepared, accumulated or developed by SoCalGas, any subcontractor or their respective employees, including, without limitation, documents, drawings, designs, calculations, maps, plans, workplans, text, filings, estimates, manifests, certificates, books, specifications, sketches, notes, reports, summaries, analyses, data models and samples, (hereinafter, collectively "Work Product"), shall remain the property of SoCalGas when prepared or in process, whether or not delivered to Client. SoCalGas hereby grants to Client a nonexclusive, royalty-free unrestricted license to use, copy, and distribute any Work Product furnished by SoCalGas to Client under this Agreement, subject to the terms specified in Exhibit B, Confidentiality Agreement. SoCalGas warrants that the Work Product provided by SoCalGas hereunder will meet or exceed all generally accepted industry standards for this type of work. SoCalGas makes no representations about the suitability, reliability, availability, timeliness or accuracy of Work Product or Services for any purpose. The Work Product will be done using information and assumptions at one point of time and which are subject to change at any time that could change the results or analysis reflected in Work Product. Estimates of costs may not cover all environmental costs or other unforeseen costs, or costs resulting from changes to laws, rules and regulations governing the Services herein. Therefore, SoCalGas does not warrant the Services or Work Product for any use and specifically disclaims any liability for any subsequent use of the Work Product, or any part thereof, by Client. No warranty of any kind is or will be included as part of the Services and all express and implied warranties, including any warranties of merchantability, and/or fitness for a particular purpose are specifically disclaimed. With the exception of claims solely arising from the gross negligence or intentional misconduct by Utility that occurs while performing the Services, Client will not hold SoCalGas liable or responsible in any way for any losses, damages, claims, costs, expenses or other obligations it incurs, or may incur, arising out of or related to Client's use of, or reliance on, any part of the Services, Work Product or other information provided by SoCalGas hereunder.

SECTION 4 - STATUS

SoCalGas is and at all times during the term of this Agreement shall be an independent contractor providing consulting services to Client. Nothing contained in this Agreement shall be construed to create a relationship of principal and agent, employer and employee, servant and master, partnership or joint venture between the parties.

CONSULTING SERVICES AGREEMENT

This Consulting Services Agreement is subject to a Confidentiality Agreement, dated September 3, 2019, between the City of Riverside, Regional Water Quality Control Plant and Southern California Gas Company.

SECTION 5 - ATTORNEYS' FEES

Should any dispute arise regarding any term or provision of this Agreement or enforcement of any rights hereunder, or to collect any portion of the amount payable under this Agreement, then all litigation and collection expenses, witness fees, court costs and attorneys' fees shall be paid to the prevailing party.

SECTION 6 - SUPERVISION AND COORDINATION

During the term of this Agreement, each party shall appoint a representative who will be authorized, empowered and available to act for and on behalf of each to implement the terms and conditions of this Agreement.

SECTION 7 - DISPUTES

Any dispute or need for interpretation arising out of this Agreement which cannot be resolved after a reasonable period of time of good faith negotiation may be submitted to the CPUC for resolution.

SECTION 8 - NOTICES

Any and all notices and other communications hereunder shall be in writing and shall be deemed to have been duly given or received when delivered personally or by courier forty-eight (48) hours after being mailed, via first class, postage prepaid, to the addresses set forth immediately below of the parties hereto or to such other addresses as either of the parties hereto may from time to time designate in writing to the other party.

SoCalGas:

Southern California Gas Company
Address: **555 W. Fifth Street GT 20C3**
Address: **Los Angeles, CA 90013-1040**
Attn: **Tom Kauffman**

Client:

City Of Riverside, Regional Water Quality Control Plant
Address: **5950 Acorn Street**
Address: **Riverside, CA 92504**
Attn: **Mr. Edward J. Filadelfia**

CONSULTING SERVICES AGREEMENT

This Consulting Services Agreement is subject to a Confidentiality Agreement, dated September 3, 2019, between the City of Riverside, Regional Water Quality Control Plant and Southern California Gas Company.

SECTION 9 - SUCCESSORS AND ASSIGNS

Assignment or transfer of the entire rights and obligations of any Party hereunder shall only be permitted under the following circumstances:

A. When the assignment is to a successor, representative or assignee which shall succeed by purchase, merger, corporate reorganization/restructuring or consolidation to all or substantially all of the assets of Project or SoCalGas, as the case may be and when the assignment is to a parent, affiliate or subsidiary of a Party hereto; or

B. When any Party assigns or pledges this Agreement under the provisions of any mortgage, deed of trust, indenture or similar instrument which it has executed or may execute hereafter; however, in such event the other Parties shall be provided prior written notice thereof, or

C. When the Party assigning shall have first obtained the consent in writing of the other Party hereto.

SECTION 10 - APPLICABLE LAW

The provisions of this Agreement shall be construed and enforced in accordance with the laws of the State of California.

SECTION 11 - WAIVERS

The failure or delay of either party to exercise or enforce at any time any of the provisions of this Agreement shall not constitute or be deemed a waiver of that party's right thereafter to enforce each and every provision of the Agreement and shall not otherwise affect the validity of this Agreement.

SECTION 12 - SEVERABILITY

If any provision of this Agreement is finally determined to be contrary to, prohibited by, or invalid under applicable laws or regulations, such provision shall become inapplicable and shall be deemed omitted from this Agreement. Such determination shall not, however, in any way invalidate the remaining provisions of this Agreement.

SECTION 13 - ENTIRE AGREEMENT AND AMENDMENTS

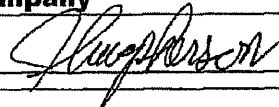

This Agreement and its exhibits constitute the entire understanding and agreement between the parties relating to the subject matter hereof and supersedes any prior written or oral understanding or agreement between the parties relating to the subject matter hereof. This Agreement shall not be amended, altered, or supplemented in any way except by an instrument in writing, signed by the duly authorized representative of the parties that expressly references

CONSULTING SERVICES AGREEMENT


This Consulting Services Agreement is subject to a Confidentiality Agreement, dated September 3, 2019, between the City of Riverside, Regional Water Quality Control Plant and Southern California Gas Company.

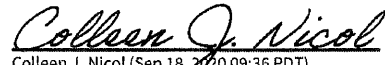
this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement on the day and in the year first above written.


Southern California Gas Company	City of Riverside, Regional Water Quality Control Plant
By: <u></u>	By: <u></u> <small>Al Zelinka (Sep 18, 2020 08:55 PDT)</small>
Name: <u>Jerry McPherson</u>	Name: <u>Al Zelinka</u>
Title: <u>Energy Markets Segment Manager</u>	Title: <u>City Manager</u>
Date: <u>5/28/2020</u>	Date: <u>Sep 18, 2020</u>

CERTIFIED AS TO FUNDS AVAILABILITY:

By: 
Chief Financial Officer/Treasurer

Attest: 
Colleen J. Nicol (Sep 18, 2020 09:36 PDT)
City Clerk

Approved as to form:

By: 
Ruthann M. Salera
Deputy City Attorney

Preliminary Engineering Study - Exhibit A1
Consulting Services Agreement dated **March 11, 2020**

SoCalGas will provide the Client with a report that provides a Preliminary Engineering Study ("PES") requested by the Client for construction of necessary facilities as described below (the "Services"). SoCalGas proposes to analyze the impact on its gas transmission system of receiving **four hundred ninety two (492) or nine hundred sixty (960)** thousand Standard cubic feet per day (MScfd) of new supply at **5950 Acorn Street, at approximately 33°57'43.66" N; 117°27'19.09" W, Riverside, California, on a displacement** basis. SoCalGas' analysis will identify any system improvements necessary to accept this new supply under the assumption that the new supply **will be permitted to negatively impact SoCalGas' ability to receive supply from its current receipt points or storage fields.**

The cost estimate calculated by SoCalGas will include land acquisition, site development, right-of-way, metering, gas quality, permitting, regulatory, environmental, unusual construction costs, and operating and maintenance costs for any facility improvements, accurate to ±20%. The findings and estimate will not constitute a proposal by SoCalGas. SoCalGas will not have performed a specific site or route evaluation for the Client's project in the development of this estimate.

SoCalGas' construction costs continue to rise with increasing costs of labor and materials. Since the PES is developed using average historical project cost data, it is highly likely that the actual construction costs for the Client's particular project will vary significantly from the PES. SoCalGas urges the Client to retain the services of a third-party engineering construction firm, or enter into a design and engineering contract with SoCalGas to develop a more accurate construction cost estimate for this specific project.

Because of the exclusions and limitations of this initial review, SoCalGas does not recommend that the Client use the PES for any purpose, including any substantive planning or other decisions regarding the cost or viability of its project. Any use by the Client is solely at its own risk and should factor in the above risks and limitations.

A report that summarizes the results of SoCalGas' analyses, identifies any facility improvements, and estimates the cost of construction of those improvements, will be provided to the Client. The Client will be granted an unrestricted license to use, copy, and distribute the report; however, the report and all work product shall remain the property of SoCalGas.

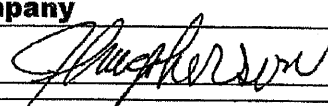

The estimated cost to perform the Services is \$ **65,000**. SoCalGas will complete the analysis within **one hundred twenty (120)** business days after receipt of payment **and SoCalGas' receipt of Client's design, operating, gas quality and site criteria necessary to perform such analysis.**

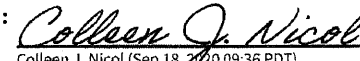
Preliminary Engineering Study - Exhibit A1
 Consulting Services Agreement dated **March 11, 2020**

Payment in full of the estimated cost of the Services is required upon execution of a Consulting Services Agreement and Exhibit A1 to proceed with the analysis. The Client will be responsible for the actual costs of the Services; to this end, an invoice or refund will be issued to the Client at the completion of the project for any difference between the actual costs and this estimate.

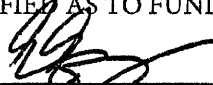
Should the Client's requirements vary from this proposal, SoCalGas would like the opportunity to modify and resubmit this proposal as appropriate. If the Client has any questions, please call **Tom Kauffman** at **213-244-2683**.

Accepted and agreed to by their respective authorized representatives:


Southern California Gas Company	City of Riverside, Regional Water Quality Control Plant
By: 	By:  Al Zelinka (Sep 18, 2020 08:55 PDT)
Name: Jerry McPherson	Name: Al Zelinka
Title: Energy Markets Segment Manager	Title: City Manager
Date: <u>5/28/2020</u>	Date: <u>Sep 18, 2020</u>

Attest: 
 Colleen J Nicol (Sep 18, 2020 09:36 PDT)
 City Clerk

CERTIFIED AS TO FUNDS AVAILABILITY:

By: 
 Chief Financial Officer/Treasurer

Approved as to form:

By: 
 Ruthann M. Salera
 Deputy City Attorney

Detailed Engineering Study - Exhibit A2
Consulting Services Agreement dated **March 11, 2020**

SoCalGas will provide the Client with a report that provides a Detailed Engineering Study ("DES") requested by the Client for construction of necessary facilities as described below (the "Services"). SoCalGas proposes to analyze the impact on its gas transmission system of receiving **four hundred ninety two (492) or nine hundred sixty (960)** thousand Standard cubic feet per day (MScfd) of new supply at **5950 Acorn Street, at approximately 33°57'43.66" N; 117°27'19.09" W, Riverside, California**, on a **displacement** basis. SoCalGas' analysis will identify any system improvements necessary to accept this new supply under the assumption that the new supply **will be permitted to negatively impact SoCalGas' ability to receive supply from its current receipts points or storage fields.**

A cost estimate for any facility improvements, accurate to $\pm 20\%$, will be calculated. The findings and estimate will not constitute a proposal by SoCalGas. The DES will (1) describe all costs of construction, (2) develop complete engineering construction drawings, and (3) prepare all construction and environmental permit applications and right-of-way acquisition requirements.

A report that summarizes the results of SoCalGas' analyses, identifies any facility improvements, and estimates the cost of construction of those improvements, will be provided to the Client. The Client will be granted an unrestricted license to use, copy, and distribute the report; however, the report and all work product shall remain the property of SoCalGas.



The estimated cost to perform the Services is \$ **325,000**. SoCalGas will complete the analysis within **one hundred seventy (170)** business days after receipt of payment **in the amount of \$325,000 from Interconnector, the completion and issuance by SoCalGas of the Preliminary Engineering Study in accordance with Exhibit A-1 to this Agreement, and SoCalGas' receipt of Client's design, operating, gas quality and site criteria necessary to perform such analysis.**

Payment in full of the estimated cost of the Services is required upon execution of a Consulting Services Agreement and Exhibit A2 to proceed with the analysis. The Client will be responsible for the actual costs of the Services; to this end, an invoice or refund will be issued to the Client at the completion of the project for any difference between the actual costs and this estimate.

Should the Client's requirements vary from this proposal, SoCalGas would like the opportunity to modify and resubmit this proposal as appropriate. If the Client has any questions, please call **Tom Kauffman** at **213 244-2683**.


Detailed Engineering Study - Exhibit A2
 Consulting Services Agreement dated **March 11, 2020**

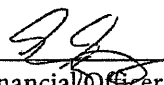
Accepted and agreed to by their respective authorized representatives:

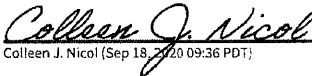
Southern California Gas Company	City of Riverside, Regional Water Quality Control Plant
By: 	By:  Al Zelinka (Sep 18, 2020 08:55 PDT)
Name: Jerry McPherson	Name: Al Zelinka
Title: Energy Markets Segment Manager	Title: City Manager
Date: <u>5/28/2020</u>	Date: <u>Sep 18, 2020</u>

CERTIFIED AS TO FUNDS AVAILABILITY

Approved as to form:

By: 
 Ruthann M. Salera
 Deputy City Attorney

BY: 
 Chief Financial Officer/ Treasurer

Attest: 
 Colleen J. Nicol (Sep 18, 2020 09:36 PDT)
 City Clerk

FORM OF CHANGE ORDER



PROJECT NAME: RWOCP Biogas Project
INTERCONNECTOR: City of Riverside, Regional Water Quality Control Plant
UTILITY: Southern California Gas Company
CHANGE ORDER NUMBER: 1
CHANGE ORDER DATE: March 5, 2024

This Change Order is issued and entered into pursuant to that certain Consulting Services Agreement, dated September 18, 2020, ("CSA"), between Utility and Client. Upon the execution of this Change Order by the parties hereto and subsequent full remittance of the payment hereunder by Client to Utility, this Change Order will change the estimated payment for and the time to complete the scope of Services to be performed by Utility under that certain Detailed Engineering Study, dated September 18, 2020, entered into between Client and Utility and attached to the CSA as Exhibit A2.

Changes to the scope of Services:

1. SoCalGas will reassess the impact on its gas system of receiving a total of nine hundred sixty (960) thousand Standard cubic feet per day (MScf/d) at GPS Coordinates: Latitude 33°57'39.97"N and Longitude 117°27'15.71"W near 5950 Acorn Street, Riverside Ca

- Adjustment to estimated costs due to Utility by Client:1. The original estimated cost was\$ 325,000.00
2. Net change to estimated cost by previously authorized Change Orders\$ 0
3. The estimated cost prior to this Change Order was\$ 325,000.00
4. The estimated cost will be increased by this Change Order in the amount of\$ 375,000.00
5. The new estimated cost including this Change Order will be\$ 700,000.00

Adjustment to the schedule:

1. Utility shall commence the Services set forth in this Change Order on the latest to occur of (a) the Change Order Date, and (b) receipt of payment to Utility by Client of the adjusted estimated cost, and Utility shall use reasonable efforts to complete such Services within two hundred (200) business days thereafter.

Upon execution of this Change Order by Utility and Client, the above-referenced change shall become a valid and binding part of the CSA (including the Exhibit A2 - DES) without exception or qualification, unless noted in this Change Order. Except as modified by this and any previously issued Change Order, all other terms and conditions of the CSA (including the Exhibit A2 - DES) shall remain in full force and effect. This Change Order is executed by each party's duly authorized representative.

City of Riverside, Regional Water Quality Control Plant

By: [Signature]
Name: Mike Futrell
Title: City Manager

Attest: [Signature]
Donesia Gause, City Clerk

Southern California Gas Company
E-SIGNED by Evan Garza

By: on 08-21-2024 09:54:10 PDT
Name: Evan Garza
Title: Senior Account Manager, Energy Markets

Approved as to Form:

By: [Signature]
Ruthann M. Salera
Deputy City Attorney



A  Sempra Energy utility

Thursday, May 29, 2025

Mr. Mike Futrell
City of Riverside, Regional Water Quality Control Plant
5950 Acorn Street
Riverside, CA 92504

VIA E-MAIL – mfutrell@riversideca.gov

Subject: Change Order No. 3 to Consulting Services Agreement, dated September 18, 2020 ("CSA") by and between Southern California Gas Company ("Utility") and City of Riverside, Regional Water Quality Control Plant, a Government Entity Non-Profit 501 (C) ("Interconnector")

Dear Mr. Futrell:

On May 8, 2025, Interconnector requested that Utility prepare for the parties' execution an Exhibit A3 to the CSA, Detailed Engineering Study with Long Lead Material Procurement ("Exhibit A3"). Interconnector made this request because it desires Utility to procure long-lead materials as part of the scope of work. Since Utility was in the process of completing the scope of work outlined in Exhibit A2 to the CSA, Detailed Engineering Study, executed September 18, 2020 ("Exhibit A2"), and in accordance with Section 2.3 of the CSA, the parties must enter into a Change Order (as defined in the CSA).

In accordance with and subject to the requirements of the CSA, this letter, and the attached enclosed Change Order, Interconnector and Utility shall enter into Exhibit A3, which will, as of the effective date of Exhibit A3, incorporate and replace Exhibit A2. Since there are not sufficient funds collected from the work Utility is performing under Exhibit A2, Utility will issue a revised remittance slip for an additional \$1,200,000 in estimated costs for long-lead materials procurement, and Interconnector will be required to make payment in accordance with the requirements of the revised remittance slip and the CSA.

Please call me at 213-214-9419 with your comments or questions.

Very Truly Yours,

Eric Kroh
Project Manager, Energy Markets

FORM OF CHANGE ORDER

PROJECT NAME: RWQCP Biogas Project

INTERCONNECTOR: City of Riverside, Regional Water Quality Control Plant

UTILITY: Southern California Gas Company

CHANGE ORDER NUMBER: 3

CHANGE ORDER DATE: As of the latest signature date in the signature block of this Change Order

This Change Order is issued and entered into pursuant to that certain Consulting Services Agreement, dated September 18, 2020, ("CSA"), between Utility and Client. Upon the execution of this Change Order by the parties hereto and subsequent full remittance of the payment hereunder by Client to Utility, this Change Order will change the estimated payment for and the time to complete the scope of Services to be performed by Utility.

CSA dated September 18, 2020 Section 1-Consulting Services, 1.2 Scope of Services, and the Exhibit A2- Detailed Engineering Study check box, will be replaced with a mark of the check box associated with the Exhibit A3- Detailed Engineering Study and Long Lead Material Procurement.

Exhibit A2 Detailed Engineering Study executed on September 18, 2020, is incorporated into and replaced by Exhibit A3 Detailed Engineering Study (DES) with Long Lead Material Procurement. SoCalGas estimates that procurement of long lead materials at two hundred fifty (250) business days and will issue long lead materials purchase orders after receipt of additional funding of \$1,200,000 and after development of 60% design package at Utility discretion.


Adjustment to estimated costs due to Utility by Client:

- | | |
|---|-----------------|
| 1. The original estimated cost was | \$ 325,000.00 |
| 2. Net change to estimated cost by previously authorized Change Orders | \$ 375,000.00 |
| 3. The estimated cost prior to this Change Order was | \$ 700,000.00 |
| 4. The estimated cost will be increased by this Change Order in the amount of | \$ 1,200,000.00 |
| 5. The new estimated cost including this Change Order will be..... | \$ 1,900,000.00 |

Utility shall commence the Services set forth in this Change Order on the latest to occur of (a) the Change Order Date, (b) execution of CSA Exhibit A3, and (c) receipt of payment to Utility by Client of the adjusted estimated cost.

Upon execution of this Change Order by Utility and Client, the above-referenced change shall become a valid and binding part of the CSA (including the Exhibit A3) without exception or qualification, unless noted in this Change Order. Except as modified by this and any previously issued Change Order, all other terms and conditions of the CSA (including the Exhibit A3) shall remain in full force and effect. This Change Order is executed by each party's duly authorized representative.

City of Riverside, Regional Water Quality Control Plant

By: 
Name: Mike Futrell
Title: City Manager
Date: September 9, 2025

Attest: 
Donesia Gause, City Clerk

Southern California Gas Company
E-SIGNED by Evan Garza

By: on 09-17-2025 13:24:43 PDT
Name: Evan Garza
Title: Senior Account Manager, Energy Markets
Date: 09-17-2025

BY: ASSISTANT CHIEF FINANCIAL OFFICER

CERTIFIED AS TO FUNDS AVAILABILITY

APPROVED AS TO FORM

BY: 
Deputy City Attorney

CERTIFIED AS TO FUNDS AVAILABILITY:

BY: 
ASSISTANT CHIEF FINANCIAL OFFICER

Detailed Engineering Study with Long Lead Material Procurement - Exhibit A3
Consulting Services Agreement dated September 18, 2020

SoCalGas will provide the Client with a report that provides a Detailed Engineering Study that includes long lead materials procurement ("DESLLMP") requested by the Client for construction of necessary facilities as described below (the "Services"). SoCalGas proposes to analyze the impact on its gas transmission system of receiving **four hundred ninety two (492) or two thousand (2,000)** million Standard cubic feet per day (MMScfd) of new supply at **5950 Acorn Street, at approximately 33°57'44.89" N; 117°27'11.62" W, Riverside** California, on a **displacement** basis. SoCalGas' analysis will identify any system improvements necessary to accept this new supply under the assumption that the new supply **will be permitted to negatively impact SoCalGas' ability to receive supply from its current receipts points or storage fields.**

A cost estimate for any facility improvements, accurate to ±20%, will be calculated. The findings and estimate will not constitute a proposal by SoCalGas. The DES will (1) describe all costs of construction, (2) develop complete engineering construction drawings, (3) prepare all construction and environmental permit applications and right-of-way acquisition requirements and (4) issue purchase orders for all long lead materials.

A report that summarizes the results of SoCalGas' analyses, identifies any facility improvements, and a list of the long lead purchase order materials, and estimates the cost of construction of those improvements, will be provided to the Client. The Client will be granted an unrestricted license to use, copy, and distribute the report; however, the report and all work product shall remain the property of SoCalGas.

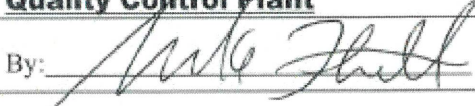
The estimated cost to perform the Services is \$ **1,900,000, of which \$1,200,000 is outstanding and required to enable SoCalGas to issue long lead material purchase orders**. SoCalGas will complete the analysis within **two hundred (200)** business days after receipt of payment **from the latter date of the initial Exhibit A2 funding date which occurred on September 18, 2024 and execution of Change Order No. 2 which occurred on February 26, 2025; SoCalGas will issue long lead materials purchase orders after receipt of the \$1,200,000 outstanding funds.**

Payment in full of the estimated cost of the Services is required upon execution of a Consulting Services Agreement and Exhibit A3 to proceed with the analysis. The Client will be responsible for the actual costs of the Services; to this end, an invoice or refund will be issued to the Client at the completion of the project for any difference between the actual costs and this estimate.

Should the Client's requirements vary from this proposal, SoCalGas would like the opportunity to modify and resubmit this proposal as appropriate. If the Client has any questions, please call **Eric Kroh at 213-214-9419**.


Detailed Engineering Study with Long Lead Material Procurement - Exhibit A3
 Consulting Services Agreement dated **September 18, 2020**

Accepted and agreed to by their respective authorized representatives:

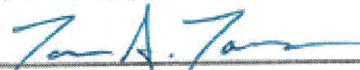
SOUTHERN CALIFORNIA GAS COMPANY	City of Riverside, Regional Water Quality Control Plant
E-SIGNED by Evan Garza By: on 09-17-2025 13:24:48 PDT	By: 
Name: Evan Garza	Name: Mike Futrell
Title: Energy Markets Sr. Account Manager	Title: City Manager
Date: 09-17-2025	Date: September 9, 2025

CERTIFIED AS TO FUNDS AVAILABILITY

BY: 
 ASSISTANT CHIEF FINANCIAL OFFICER

Attest: 
 Donesia Gause, City Clerk

APPROVED AS TO FORM

BY: 
 Deputy City Attorney



City of Arts & Innovation

CITY COUNCIL

MINUTES

TUESDAY, AUGUST 19, 2025, 1:00 P.M.
ART PICK COUNCIL CHAMBER
3900 MAIN STREET

CHANGE ORDER TO PURCHASE ORDER 213444 - RENEWABLE GAS INTERCONNECTION FACILITY PROJECT

The City Council (1) approved a change order to Purchase Order 213444 with the Southern California Gas Company, Los Angeles, in the amount of \$1,200,000, increasing the total amount to \$1,965,000; and (2) authorized the City Manager, or designee, to execute the Consulting Services Agreement Change Order Form and necessary documents with Southern California Gas Company, including making minor and non-substantive changes.

AGREEMENT AMENDMENT - SERVICES FOR CLOSED TEQUESQUITE LANDFILL GAS COLLECTION SYSTEM AND FLARE

The City Council (1) approved a Fourth Amendment to a Professional Consultant Services Agreement with ECOTEC Solutions, Inc., Colton, for monitoring, reporting, and associated operation services for the closed Tequesquite Landfill gas collection system and flare extending the term through June 30, 2026, in the amount of \$94,870.22 for a total contract amount of \$717,806.70; and (2) authorized the City Manager, or designee, to execute the Fourth Amendment to the Professional Consultant Services Agreement and any additional documents necessary for the Agreement, including amendments and extensions and making minor and non-substantive changes.

AGREEMENT AMENDMENT - STATE ROUTE 91/ADAMS STREET - INTERCHANGE RECONFIGURATION PROJECT

The City Council (1) approved the Fourth Amendment to Professional Consultant Services Agreement for the SR-91/Adams Street Interchange Reconfiguration's Project Approval and Environmental Documents Project with T.Y. LIN International, Ontario, to extend the term through August 22, 2028; and (2) authorized the City Manager, or designee, to execute the Amendment, including making minor and non-substantive changes.

GRANT AWARD - ENVIRONMENTAL AND ENGINEERING DESIGN PHASES OF 14th STREET UNDERPASS STORM WATER PUMP STATION REPLACEMENT

The City Council accepted the 2025 Local Transportation Climate Adaptation Program (LTCAP) Cycle 2 grant, in the amount of \$1,215,000, for the environmental and engineering design phases of the 14th Street Underpass Storm Water Pump Station Replacement.

Attachment 4
Consulting Services Agreement Exhibit A Capacity Study Results

[See attached.]



Interoffice Memo

To: Tom Kauffman
From: Lauren Snow *Lauren Snow*
Date: 1/9/2020
cc: M. Gonzalez, J. Lucas, J. McPherson, A. Bills, D. Davis

Interconnect Capacity Study – City of Riverside, Water

Redlands Region Engineering has completed the Rule 39 interconnect capacity study requested by City of Riverside - Water for the City of Riverside Water Plant. City of Riverside - Water requested access for the following volumes near 5950 Acorn St, Riverside: 492 and 960 Mscfd (20.5 and 39.9 Mcfh)

Redlands Region Engineering identified one interconnection point within the medium pressure gas pressure system or one interconnection point within the high pressure gas pressure system near 5950 Acorn St, Riverside.

For Scenario 1 and 2 delivery volumes of 492 and 960 mscfd, there is sufficient takeaway capacity in the medium pressure district 41150, however injection into high pressure GPZ 8005 (SL 41-08-F) is preferred due to proximity to the proposed injection site and operating flexibility. A high pressure pipe installation will be required to reach the point of receipt (GPZ 8005; MAOP 370 psig, MOP 350 psig) under minimum demand conditions. To provide the necessary pressure differential requested by MRC department for the producer MSA, City of Riverside must install new pipe with an MAOP of at least 370 psig. City of Riverside - Water must install a new meter set assembly (MSA) set at no higher than 350 psig.

Medium Pressure Alternative:

For Scenario 1 and 2 delivery volume of 492 and 960 Mscfd, there is sufficient takeaway capacity in medium pressure district PD 41150, therefore a medium pressure pipe extension will be required to reach the point of receipt (PD 41150; MAOP 48 psig; set pressure 42 psig) under minimum demand conditions. To provide the necessary pressure differential requested by the MRC department for the producer MSA, City of Riverside must install new pipe with an MAOP of at least 48 psig. City of Riverside - Water must install a new Meter Set Assembly (MSA) set at no higher than 42 psig.

High Pressure Interconnect:

- **Scenario 1:** 20.5 mscfh (492 Mcf/d). **See Figure 1.** MSA Set at 350 psig
 - Install approximately 1000' of 6" HP main from the existing 6" HP main at Acorn St and Jurupa Ave to the producer's equipment.

- **Scenario 2:** 39.9 mscfh (960 Mcf/d). **See Figure 1.** MSA Set at 350 psig
 - Install approximately 1000' of 16" HP main from the existing 6" HP main at Acorn St and Jurupa Ave t to the producer's equipment.

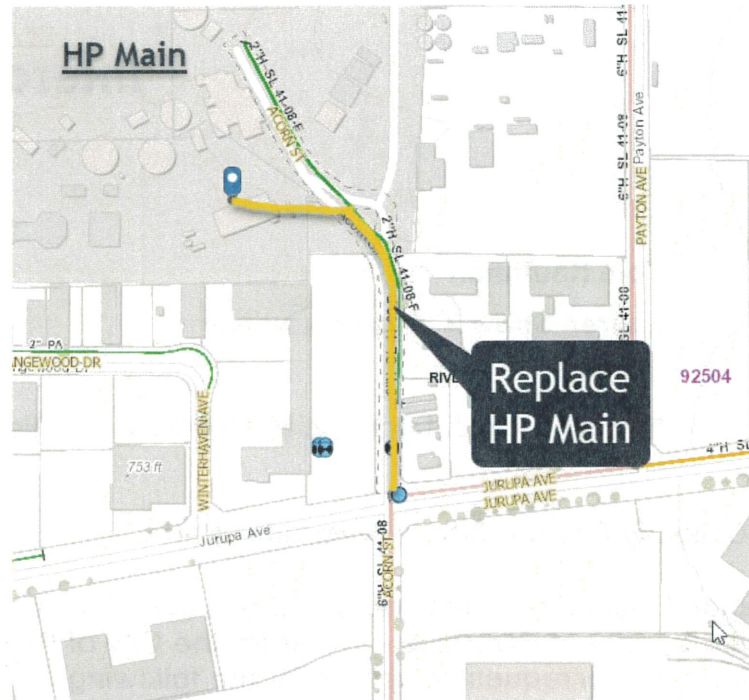


Figure 1 - Scenarios 1 and 2

Medium Pressure Interconnect:

- **Scenario 1:** 20.5 mscfh (492 Mcf/d). **See Figure 2.** MSA Set at 42 psig
 - Install approximately 1.4 miles of 6" MP main from the existing 8" HP main at Van Buren and Arlington Ave to the producer's equipment.
- **Scenario 2:** 39.9 mscfh (960 Mcf/d). **See Figure 3.** MSA Set at 42 psig
 - Install approximately 1.4 miles of 8" MP main from the existing 8" MP main at Van Buren and Arlington Ave to the producer's equipment.
 - Install approximately 1,000 ft. (0.2 miles) of 4" MP main west from existing 4" MP main in Jurupa Ave. to proposed 8" MP main at the intersection of Acorn St. and Jurupa Ave.

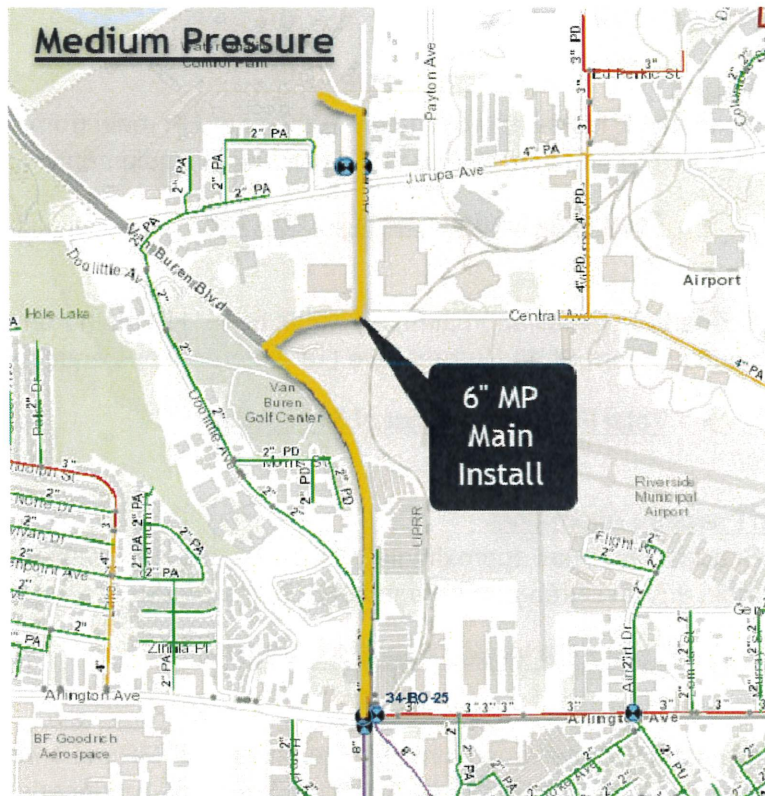


Figure 2 - Scenario 1

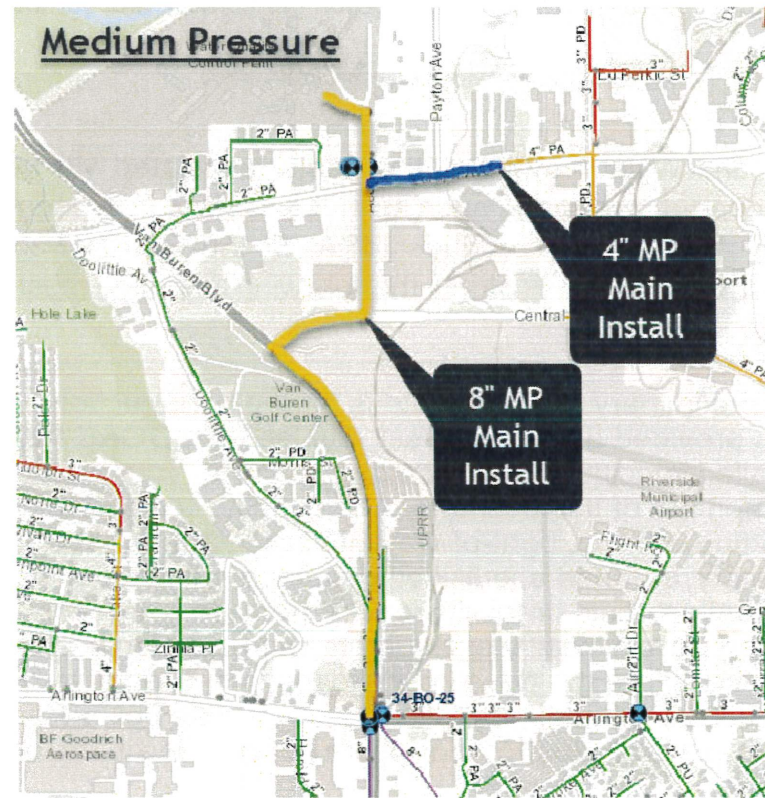


Figure 3 - Scenario 2

COST ESTIMATES* - FULLY LOADED

High Pressure

- **Scenario 1:** Install approximately 1000' of 6" HP main from the existing 6" HP main at Acorn St and Jurupa Ave to the producer's equipment.
 - **Total Fully loaded cost of \$1,093,746**

- **Scenario 2:** Install approximately 1000' of 16" HP main from the existing 6" HP main at Acorn St and Jurupa Ave t to the producer's equipment.
 - **Total Fully loaded cost of \$1,512,562**

Medium Pressure Alternative

- **Scenario 1:** Install approximately 1.4 miles of 6" MP main from the existing 8" MP main at Van Buren and Arlington Ave to the producer's equipment.
 - **Total Fully loaded cost of \$3,556,047**

- **Scenario 2:** Install approximately 1.4 miles of 8" MP main from the existing 8" MP main at Van Buren Blvd and Arlington Ave to the producer's equipment. Install approximately 1,000 ft. (0.2 miles) of 4" main west from 4" main in Jurupa Ave. to proposed 8" main at the intersection of Acorn St. and Jurupa Ave.
 - **Total Fully loaded cost of \$4,797,305**

Riverside Regional Water may incur other costs associated with this project that are beyond the scope of this study, such as those costs to interconnect with the local distribution system and for a producer MSA. So that Riverside Regional Water understands the scope of this study, the following language must also be presented to Riverside Regional Water:

"This preliminary cost estimate is for the construction cost of the facilities and is provided at your request. SoCalGas/SDG&E have not performed a detailed specific site or route evaluation for your project in the development of this estimate. Additionally, costs associated with permitting, paving, right-of-way, environmental, gas quality, measurement, regulatory, and land acquisition/development issues; and any unusual construction costs or facility requirements (e.g. freeway, river, or channel crossings) are explicitly excluded from this preliminary cost estimate. These costs are the developer's responsibility and can be significant. Line extension allowances, if applicable pursuant to SoCalGas Rules 20 and 21 or SDG&E Gas Rules 15 and 16, are not included in this preliminary cost estimate.

"SoCalGas/SDG&E's construction costs also continue to rise with increasing costs of labor and materials. Since this preliminary cost estimate is developed using average historical project cost data, it is highly likely that the actual construction costs for your particular project could vary significantly from this preliminary estimate based on the actual design,

permitting and construction variables associated with this specific project. SoCalGas/SDG&E urge you to retain the services of a third-party engineering construction firm, or enter into a design and engineering contract with SoCalGas/SDG&E to develop a more accurate construction cost estimate for your specific project. SoCalGas/SDG&E do not recommend any use of this preliminary cost estimate. Any use by you is at your own risk and should factor in the above risks and limitations.”

Please call me at (213) 231-7590 if you have any questions.

Attachment 5
Consulting Services Agreement Exhibit A1 Preliminary Engineering Study Results

[See attached.]

Southern California Gas Company's (SoCalGas®)
**City of Riverside, Regional Water Quality Control Plant
RWQCP Biogas Project – Renewable Gas Interconnection
Preliminary Engineering Study (PES) Report**

June 22, 2021



Prepared By:

Southern California Gas Company
555 W. 5th Street
Los Angeles, CA

Prepared For:

City of Riverside, Regional Water Quality
Control Plant
5950 Acorn Street
Riverside, CA 92504

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1. Introduction

This report conveys the results of the Southern California Gas Company (“SoCalGas®” or “Utility”) Preliminary Engineering Study (“PES”) requested by City of Riverside, Regional Water Quality Control Plant (“Interconnector”) pursuant to Utility’s Gas Tariff Rule Nos. 39 and 45, the Consulting Services Agreement (“CSA”) effective September 18, 2020 and its Exhibit A1, Preliminary Engineering Study, executed September 18, 2020 and funded December 29, 2020.¹

Capitalized terms used herein, unless otherwise defined, have the Rule 45, including its associated form agreements, meaning.

A cost estimate for the Interconnector’s new proposed Point of Receipt (“POR”) accurate to $\pm 20\%$ has been prepared and is included herein. This cost estimate includes land acquisition, right-of-way, metering, gas quality, permitting, regulatory, environmental, unusual construction and operating and maintenance costs for any facility improvements. Because of the exclusions and limitations of this initial review, Utility does not recommend that the Interconnector use the PES for any purpose, including any substantive planning or other decisions regarding the cost or viability of its project except to determine whether to proceed with a detailed engineering study.

2. PES Scope of Work

Pursuant to the CSA and its Exhibit A1 as referenced in Section 1 – Introduction, Utility has analyzed the impact on its gas system of receiving Interconnector-specified new supply at the specified location and is providing this report, including a $\pm 20\%$ cost estimate for any facility improvements including, all costs of construction, preparation of all engineering construction drawings, land acquisition, site development, right-of-way, metering, gas quality, permitting, regulatory, environmental, unusual construction costs, and operating and maintenance costs. The cost estimate includes the income tax component of contributions and advances (“ITCCA”) associated with Interconnector’s contributions as defined in Utility’s then current tariff or its successor.²

The identified facility improvements are as described below:

1. A new point of receipt (POR) for the delivery of Renewable Gas (RG) into Utility’s pipeline system located at Latitude 33°57’39.97”N, Longitude 117°27’15.71”W, near 5950 Acorn Street, Riverside, CA. The POR has been sized to accommodate Gas deliveries ranging from a minimum and maximum of four hundred (400) and one thousand one hundred and four (1,104) thousand standard cubic feet per day (MScf/d), respectively, at a one-twenty-fourth (1/24th) hourly equivalent rate in

¹ The Rule 39 Consulting Services Agreement (CSA) and Exhibit A dated September 18, 2020 and PES Exhibit A1 executed September 18, 2020 and funded December 29, 2020 were entered into before Rule No. 45’s October 28, 2020 effective date and Rule 45’s form agreements effective date of February 19, 2021. Rule 39 access provisions have been replaced by Rule 45 provisions except as otherwise agreed to in the CSA and its exhibits.

² <https://www2.socalgas.com/regulatory/tariffs/tm2/pdf/PS-IV.pdf>

compliance with Rule 45’s Gas Delivery specification and limits and action levels and Rule 30’s Gas Delivery Specifications as adopted and periodically updated by the California Public Utilities Commission (CPUC).

2. Approximately one hundred and fifty (150) linear feet of two-inch nominal outer diameter (2” OD) high pressure steel pipeline with a Maximum Allowable Operating Pressure (MAOP) of three hundred and seventy (370) pounds per square inch gauge (PSIG) interconnecting the POR to the existing 2” OD high pressure main SL-41-08-F at Acorn St.

3. Cost of Utility Facility Improvements

Total installed cost (TIC) for the facility improvements described in Section 2 and depicted in Figures 1 through 3 has been estimated at \$4.98-million, ±20%, including the actual costs incurred to date for the PES, the estimated cost of the DES, all equipment and material including metering and gas quality measuring equipment, pipeline right-of-way, permitting, regulatory, environmental, all costs of construction, inspection, commissioning and start up, traffic control, public outreach, project closeout and project oversight.

This cost estimate also includes the Income Tax Component of Contributions and Advances (ITCCA)³.

A breakdown of the TIC estimate (in thousands of US dollars) is presented in Table 1 and described below:

Table 1. Total Installed Cost Estimate for Utility Facility Improvements (\$000)

TOTAL COMPANY LABOR	TOTAL MATERIALS	TOTAL THIRD PARTY CHARGES (Including Contractor Labor)	TOTAL PURCHASED SERVICES, PERMITS, & OTHER	SUBTOTAL	ITCCA	TOTAL ESTIMATE
\$931	\$766	\$1,445	\$874	\$4,016	\$964	\$4,980

- **Company Labor** – This category includes project management, construction management, project controls, engineering support, inspection, QA/QC, strength testing, district tap and tie-in procedure, operations support, site commissioning, surveying, and completion of as-built drawings including project close out procedures.
- **Materials** – A preliminary design was completed to determine materials required for the facility improvements. The preliminary drawings are presented in Figures 2

³ <https://www2.socalgas.com/regulatory/tariffs/tm2/pdf/PS-IV.pdf>

and 3 for informational purposes only. The POR main components including identification of long lead items are presented in Table 2 below. The lead times provided within the table are based on historical timelines for similar projects. However, all materials have been recently experiencing longer lead times, consequently, the information provided should be considered a minimum duration.

- **Third Party Charges** – This category includes the cost of the pipeline contractor, electrical contractor, non-destruction testing and oversight contractors, and pipeline inspectors.
- **Purchased Services, Permits & Others** – This category includes the cost of environmental services, surveying, engineering services, permits, inspection services and other miscellaneous services.
- **Btu District Analysis** – The TIC includes company labor, contract cost, and materials to perform a Btu District Analysis (assuming two districts will be needed). It has been determined this project requires a Btu District study due to the flow rate.

Table 2. POR Main Components

COMPONENT DESCRIPTION	LONG LEAD MATERIAL	LEAD TIME ⁴
Globe Control Valve and Stainless-Steel instrumentation Cabinet - SERVICE	Yes	18-21 weeks
Control Valve and Stainless-Steel instrumentation Cabinet - MONITOR	Yes	18-21 weeks
Control Valve and Stainless-Steel instrumentation Cabinet - OPP	Yes	18-21 weeks
YZ Odorant Skid Injection System	Yes	18-21 weeks
Filter-Separator	Yes	22-25 weeks
2" Orifice Meter	Yes	16-21 weeks
KTEK Liquid Level Gauges with Level Transmitter	Yes	14-17 weeks

⁴ Lead time is based on historical experience and includes: 1 week for Purchase Order processing; 2-3 weeks for quality assurance/quality control; 1 week for material delivery. However, recently, all material delivery is taking longer than historically; consequently, these lead times should be considered minimums.

COMPONENT DESCRIPTION	LONG LEAD MATERIAL	LEAD TIME⁴
<u>Analyzer Shelter</u> Equipped with Gas Chromatographs, Oxygen Analyzer, H2S Monitor, Sample & Conditioning System	Yes	24-32 weeks from release of approved drawings
<u>Electrical Shelter</u> Equipped with Power Distribution Panel, UPS/Battery System, SCADA Pack, PLC/RTU, Customer Interface Box	Yes	24-32 weeks from release of approved drawings
"Total Flow" Computer	Yes	12-15 weeks
2" Ball Valves	Yes	32-35 weeks
DYNAPK Gas Sampler	Yes	12 weeks
Pilot Regulator & Relief Valves	Yes	12 weeks
2" Check Valves Dual Plate Wafer	No	6-8 weeks
Pipe and Fittings for POR	No	Stock
Pressure Transmitter	No	7-9 weeks
Differential Pressure Transmitter	No	7-9 weeks
Temperature Transmitters	No	7-9 weeks
Miscellaneous Small Valves and Fittings	No	6-8 weeks

4. Study Basis and Assumptions

The following study basis and assumptions were made in developing this cost estimate. Any changes in these assumptions may result in a change in the estimated costs in Section 3, Cost of Utility Facility Improvements.

- **Location**

The location of the POR is at Latitude 33°57'39.97"N, Longitude 117°27'15.71"W near 5950 Acorn Street, Riverside, CA, as depicted in Figure 1.

- **Metering**
The minimum and maximum volumes of RNG delivered through the POR are 400 and 1,104 MScf/d, respectively, at a one-twenty-fourth (1/24) hourly equivalent rate.
- **Pipeline**
Installation of approximately one hundred and fifty (150) linear feet of two-inch nominal outer diameter (2" OD) high pressure steel pipeline interconnecting with Utility's supply line (SL) 41-08-F.
- **Land Acquisition / Right-of-Way (ROW)**
Although some provision for land acquisition and ROW has been included in the TIC estimate, Interconnector shall be required to provide Utility with a suitable lease, easement, and / or license for suitable land for the POR at no charge. Utility will survey the site, prepare a legal description, and develop a ROW agreement (provided said information has not been previously provided or require modifications). Interconnector will provide Utility with laydown areas nearby the POR and along the pipeline for the duration of construction, with an overall size equal to the POR footprint or larger.
- **Site Development**
Although some provision for site development has been included in the TIC estimate, Interconnector shall provide Utility a suitable site that is a minimum of 100 ft by 80 ft in size, that has been fully graded, is geotechnically stable, properly drained, does not allow any water run on from the adjacent properties and has vehicle protection adjacent to the road.
- **Gas Quality**
This study assumes that the gas delivered to the POR conforms to Rule 45, Standard Renewable Gas Interconnection⁵, Section K. Renewable Gas Quality and Specifications, which also includes Rule 30, Transportation of Customer-Owned Gas⁶, Section I. Gas Delivery Specifications, and Section J, Renewable Gas Delivery Specifications⁷. Utility recommends that Interconnector provide analytical results from a Biogas sample to Utility as soon as possible as they might cause additional gas quality analyzers to be considered, such as, but not limited to, a total sulfur analyzer, which has not been included in this cost estimate.

⁵ <https://www2.socalgas.com/regulatory/tariffs/tm2/pdf/45.pdf>

⁶ <https://www2.socalgas.com/regulatory/tariffs/tm2/pdf/30.pdf>

⁷ Rule 30 Section J specifies that the Section J requirements are incremental to Section I Gas Delivery Specifications requirements.

- **Permitting**

Interconnector will acquire the necessary environmental clearances and/or authorizations from the County and/or responsible agency. Interconnector will provide Utility with the appropriate environmental, cultural, and biological clearance reports prior to Utility beginning construction. These reports will be prepared by a licensed and qualified professional to the same standards Utility would implement.

The odorant tank will be sized to less than 250 gallons so an air quality permit will not be required.

An encroachment permit will be required for the installation of the interconnecting pipeline in the public ROW.

No general building permits or other conditional use approvals are anticipated since Utility's gas distribution infrastructure and appurtenant facilities fall under CPUC oversight.
- **Environmental**

Soil testing of the proposed installation area has not been performed; therefore, the environmental cost for potential soils remediation has been excluded from this estimate.

Environmentally contaminated soils or cultural artifacts are not anticipated to be encountered during trenching activities, no dust mitigation from construction traffic on access roads will be required and no industrial hygienist or biological monitor will be required for any phase of the work.
- **Health & Safety Requirements**

It is assumed that Utility's standard Health & Safety requirements are sufficient to mitigate any hazards present at this location, but this will be verified based on Utility's review of Interconnector's environmental permits and, if necessary, the cost estimate and schedule will be adjusted accordingly.
- **Ingress / Egress**

Interconnector will ensure Utility has ingress and egress necessary to operate, maintain and upgrade Utility's Facilities on a 24/7, year-round basis to Utility's sole satisfaction.
- **Construction Hours**

Construction is anticipated to take place Monday through Friday from 7 AM to 4 PM. There may be circumstances that construction occurs outside the mentioned working schedule. This can be due to City permit requirements, impact on traffic, modified work force hours and safety clearance required for testing.

- **Unusual Construction Costs**
Utility does not anticipate any unusual construction costs for this project.
- **Power Requirements**
Interconnector will provide Utility with a 240-volt, single phase, 60 Hz, 100 ampere electric service at no cost to Utility. Power will be provided to Utility's power panel located at a designated location within Utility's POR plot.
- **Communications**
Utility will install a wireless cell modem for Utility's internal communications.
- **Interconnector Data Access**
Flow, energy, pressure, temperature and gas quality data access are available pursuant to Utility's then standard data access agreement. Interconnector will need to provide Utility with two pairs of wires at Utility's interface box located at a designated location within Utility Point of Receipt plot suitable for Modbus RTU S485, Modbus TCP Ethernet or PROFIBUS serial communication.

5. Detailed Engineering Study Cost Estimate

If Interconnector elects to continue the interconnection process, Interconnector must provide Utility notice to proceed with the Detailed Engineering Study ("DES") phase, which agreement Interconnector executed and funded.⁸ The DES is estimated to take one hundred eighty (180) business days to complete from the time in which Utility receives a completed Standard Renewable Gas Interconnector Fact Sheet⁹ and DES Design Basis form containing all required design, operating, gas quality, and site criteria.

The scope of the DES is to progress the design and engineering of the interconnection facilities including the POR and interconnecting pipeline from the PES stage, to the "Issued for Construction" (IFC) drawing package stage. To this end, it may be necessary to fund the Long Lead Materials listed in Table 2, so vendor-certified equipment design and specifications can be used to complete the drawing package. In addition to the IFC drawing package, the final DES report includes an updated TIC estimate of the facility improvements accurate to $\pm 20\%$ as detailed in the DES.

In addition, Interconnector may elect, subject to a Utility agreement, to funding long lead materials procurement to assist accelerating the overall project schedule by (1) entering into a change order and (2) executing and funding CSA Exhibit A3 Detailed Engineering Study with Long Lead Materials Procurement.

⁸ The Rule 39 Consulting Services Agreement (CSA) and DES Exhibit A2 dated March 11, 2020, executed September 18, 2020 and funded April 20, 2021 were entered into before Rule No. 45's October 28, 2020 effective date and Rule 45's form agreements effective date of February 19, 2021. Rule 39 access provisions have been replaced by Rule 45 provisions except as otherwise agreed to in the CSA and its exhibits.

⁹ SoCalGas form 5500, (https://www2.socalgas.com/regulatory/tariffs/tm2/pdf/Fact_Sheet.pdf)

The estimated cost of the DES including long lead material procurement (LLMP) is presented in Table 3 in two parts: \$325-thousand for just the DES, which Interconnector has already funded, and another \$800-thousand for LLMP which, if Interconnector elects to proceed with the DES and LLMP, would yield a grand total of \$1,125-thousand.

Table 3. DES Cost Estimate (\$000)

Engineering & Design	Engineering & Design ITCCA (24%)	Subtotal Engineering & Design	Long Lead Material Procurement (LLMP)	LLMP ITCCA (24%)	Subtotal LLMP	Grand Total
\$262	\$63	\$325	\$645	\$155	\$800	\$1,125

6. Operating and Maintenance Cost Estimate

The Operation and Maintenance (“O&M”) cost estimate is \$3,700 - \$4,765 per month for scheduled maintenance plus the fully loaded labor rate for unscheduled maintenance. Please see the California Producer Service Rate Schedule (“G-CPS”)¹⁰ for more guidance on O&M Fees.

Table 4. O&M Monthly Cost Estimate

DESCRIPTION	MONTHLY COST (\$)
G-CPS #1 – Routine Maintenance, per month	\$2,232
G-CPS #2A-2D – Odorant (\$1.53/MMcf)	\$51
G-CPS #3 – Interconnection Specific	(Actual Costs)
• Sulfur GC ¹¹	\$792
• Permit	\$0-\$186
• Siloxanes, Biological, Ammonia, VOC, Metals, Hydrogen, Sulfur & Mercaptan Spot Sampling and Analysis ¹²	\$403
• G-CPS #4 – H2S Monitoring, per month	\$62
G-CPS #5 – Moisture Analyzer ⁹	\$83
G-CPS #6B – Modular Gas Chromatograph (NGC)	\$884
G-CPS #6C – Oxygen Analyzer	\$68
Total	\$3,700-\$4,765

¹⁰ <https://www.socalgas.com/regulatory/tariffs/tm2/pdf/G-CPS.pdf>

¹¹ May not be required. Depending on specific site testing results.

¹² Estimate based on initial sampling being below Rule 45 trigger levels requiring only annual sampling.

7. Next Steps Guidance

Utility is providing guidance for the next steps to facilitate Interconnector's planning, but Interconnector is solely responsible for its own compliance obligations.

To continue the interconnection process, Interconnector shall do the following:

- Submit to Utility a written request to proceed with the DES that Interconnector has already executed and funded but requested Utility to wait for notice to proceed.
- Complete the attached Form 5500 (Standard Renewable Gas Interconnector Fact Sheet)¹³ considering Rule 45, Standard Renewable Gas Interconnection, Section K. Renewable Gas Quality and Specifications, which also include the Rule 30, Transportation of Customer-Owner Gas, Section I. Gas Delivery Specifications.
- Complete the attached DES Design Basis form, including all required data and documentation needed to initiate the DES as noted in the form.
- If Interconnector desires to procure the long lead materials identified in Table 2, Interconnector shall:
 - Enter into a Change Order (as defined in Section 2.3 of the CSA) for the procurement of long lead materials.
 - Enter into Exhibit A3 of the CSA, which will, as of the effective date of Exhibit A3, incorporate and replace Exhibit A2.
 - Submit funding for long lead material procurement in the amount specified in Section 5, Detailed Engineering Study Cost Estimate.

Disclaimer

This report is subject to all the terms and conditions of the Consulting Services Agreement dated September 18, 2020 and its exhibits including: Exhibit B - Confidentiality Agreement dated September 3, 2019, Exhibit A1 - Preliminary Engineering Study executed September 18, 2020.

Results of this Preliminary Engineering Study including cost estimates herein expire upon the earlier of December 25, 2021 or a change in the conditions or assumptions or material change occurs on the Utility transmission/distribution system, such as, but not limited to, changing Interconnector sourcing or demand, access granted to another supplier, a change in pipeline facilities, loss of demand, or change in operations.

Utility has not performed a specific site or route evaluation for the Interconnector's project in the development of this estimate. Utility's construction costs continue to rise with increasing costs of labor and materials. Since the PES is developed using average historical project cost data, it is highly likely that the actual construction costs for Interconnector's project will vary significantly from the PES. Utility urges the

¹³ SoCalGas form 5500, (https://www2.socalgas.com/regulatory/tariffs/tm2/pdf/Fact_Sheet.pdf)

Interconnector to retain the services of a third-party engineering construction firm or enter into a design and engineering contract with Utility to develop a more accurate construction cost estimate for this specific project.

Because of the exclusions and limitations of this initial review, Utility does not recommend that the Interconnector use the PES for any purpose, including any substantive planning or other decisions regarding the cost or viability of its project except to determine whether to proceed with a detailed engineering study. Any use by the Interconnector is solely at its own risk and should factor in the above risks and limitations.

Utility has made reasonable efforts to ensure all information is correct and consistent with the applicable Tariffs. To the extent there is any conflict with the Tariffs, the Tariffs shall govern in all cases. In addition, neither Utility's publication nor verbal representations thereof constitutes any statement, recommendation, endorsement, approval or guaranty (either express or implied) of any product or service. Moreover, Utility shall not be responsible for errors or omissions in this publication, for claims or damages relating to the use thereof, even if it has been advised of the possibility of such damages.

Figure 1: PES Point of Receipt Location and Pipeline Extension



Figure 2: PES Point of Receipt Plot Plan and Site Plan

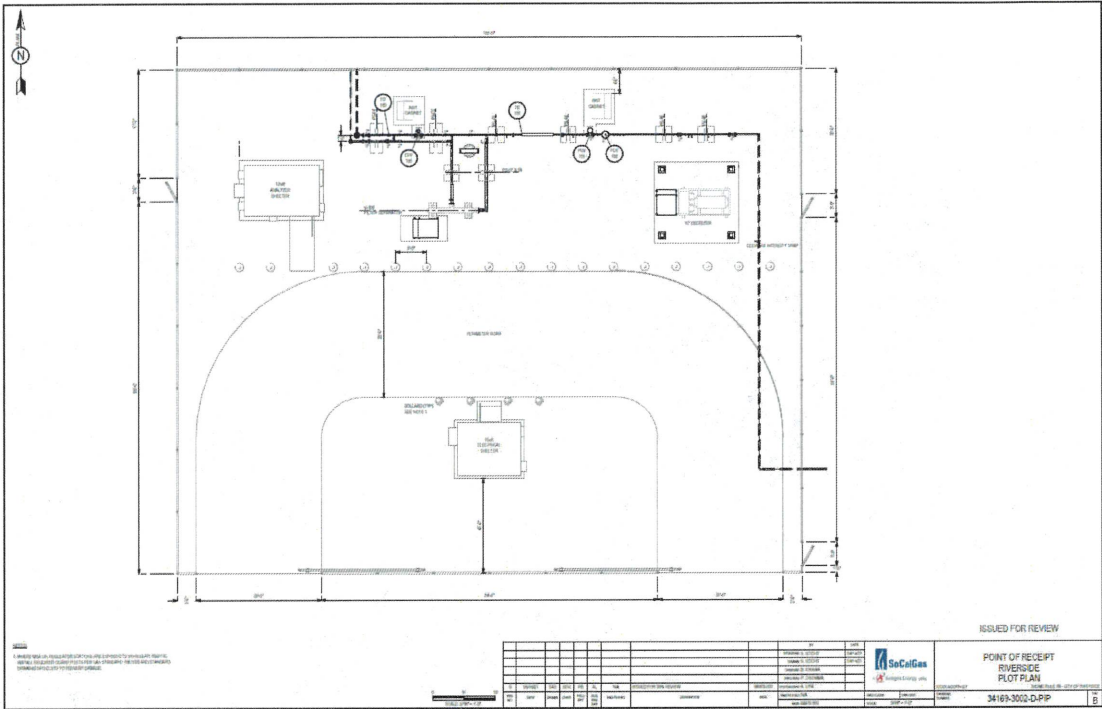
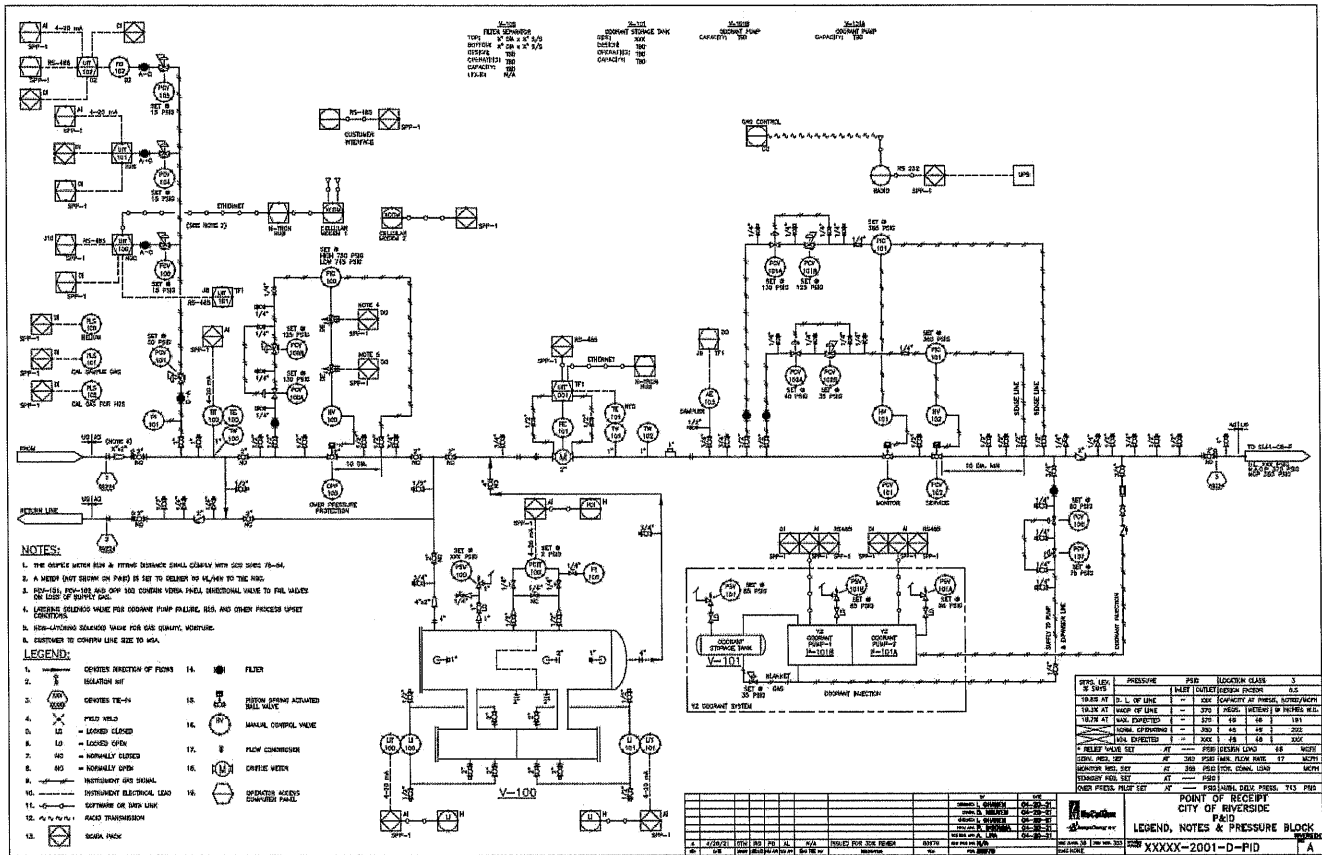


Figure 3: PES Preliminary Point of Receipt P&ID



Attachment 6
Revised Capacity Study Results (Completed Prior to Detailed Engineering Study)

[See attached.]



Memo

To: Eric K. Kroh
From: Kevin Guo *Kevin Guo*
Date: 10/25/2024
cc: David Bisi, Andrew Sawin, Evan R. Garza, Jeseka Snider, Fidel Galvan, P24-065

Biogas Receipt from City of Riverside – Regional Water Quality Control

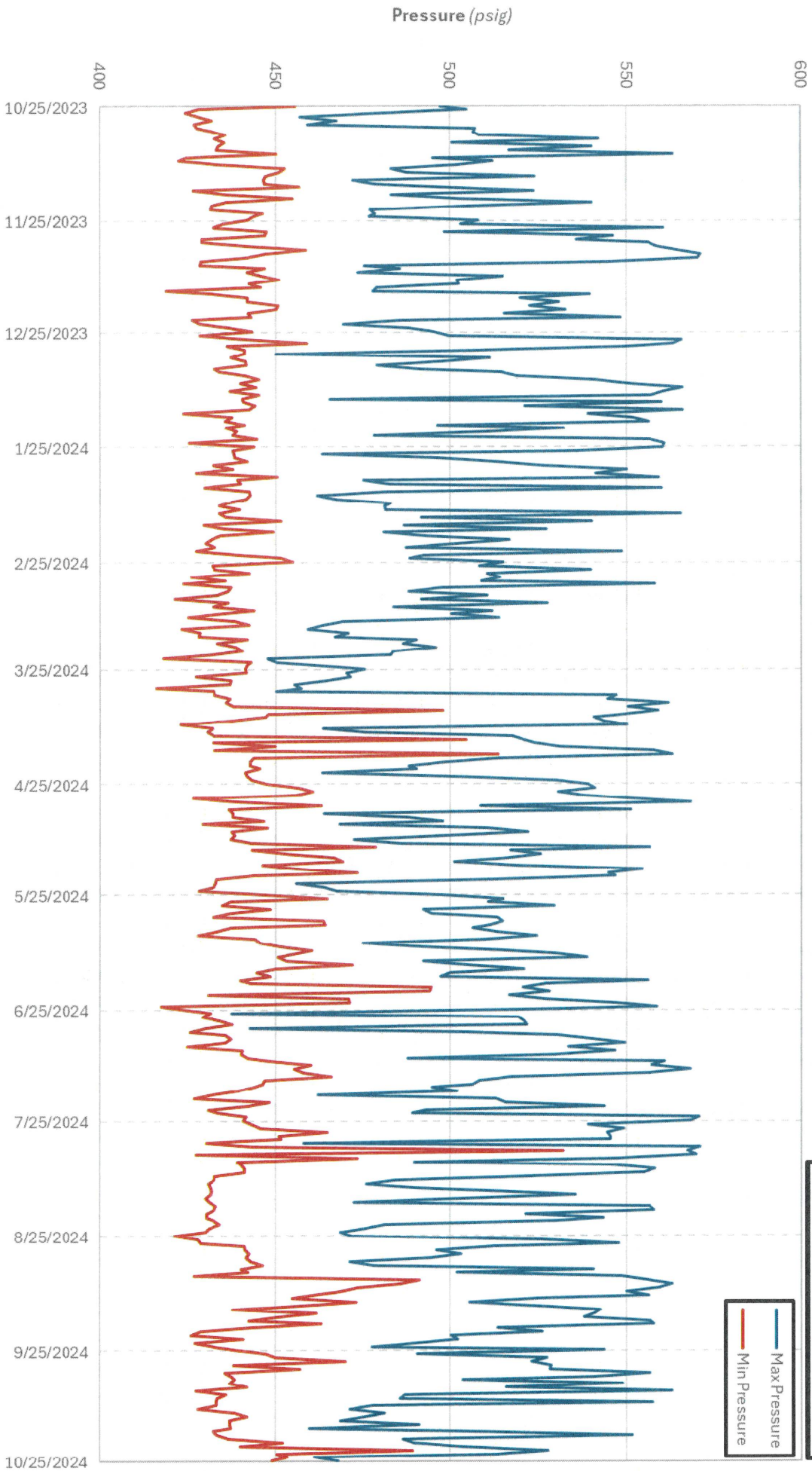
Gas Transmission Planning has evaluated the Transmission Line 2001 West receipt capacity from the City of Riverside - Regional Water Quality Control. Receipt of the requested 2 MMcfd of RNG supply, which must be delivered at the prevailing operating pressure of L2001, will require the installation of approximately 0.6 miles of 4-inch diameter pipeline to L2001 from the producer MSA at 33°57'39.97"N 117°27'15.71"W.

The preliminary route for this new pipeline begins at the producer site next to Acorn St. The new pipeline will extend southward until it reaches SL41-08, where the pipe will follow the same path as SL41-08 northeastward until L2001 is reached. A KMZ file of the proposed route is provided. Please contact Jeseka Snider in the Construction department for a preliminary cost estimate.

L2001 has a Minimum Operating Pressure (MinOP) of 375 psig, Maximum Operating Pressure (MOP) of 565 psig, and Maximum Allowable Operating Pressure (MAOP) of 584 psig. While the transmission system will rarely operate at MinOP or MOP, the producer should still anticipate these pressure ranges. Graphs of the expected pressure at the producer MSA, based on historical pressure data, are attached.

If you have any questions or require additional assistance, please call me at 213-231-1965.

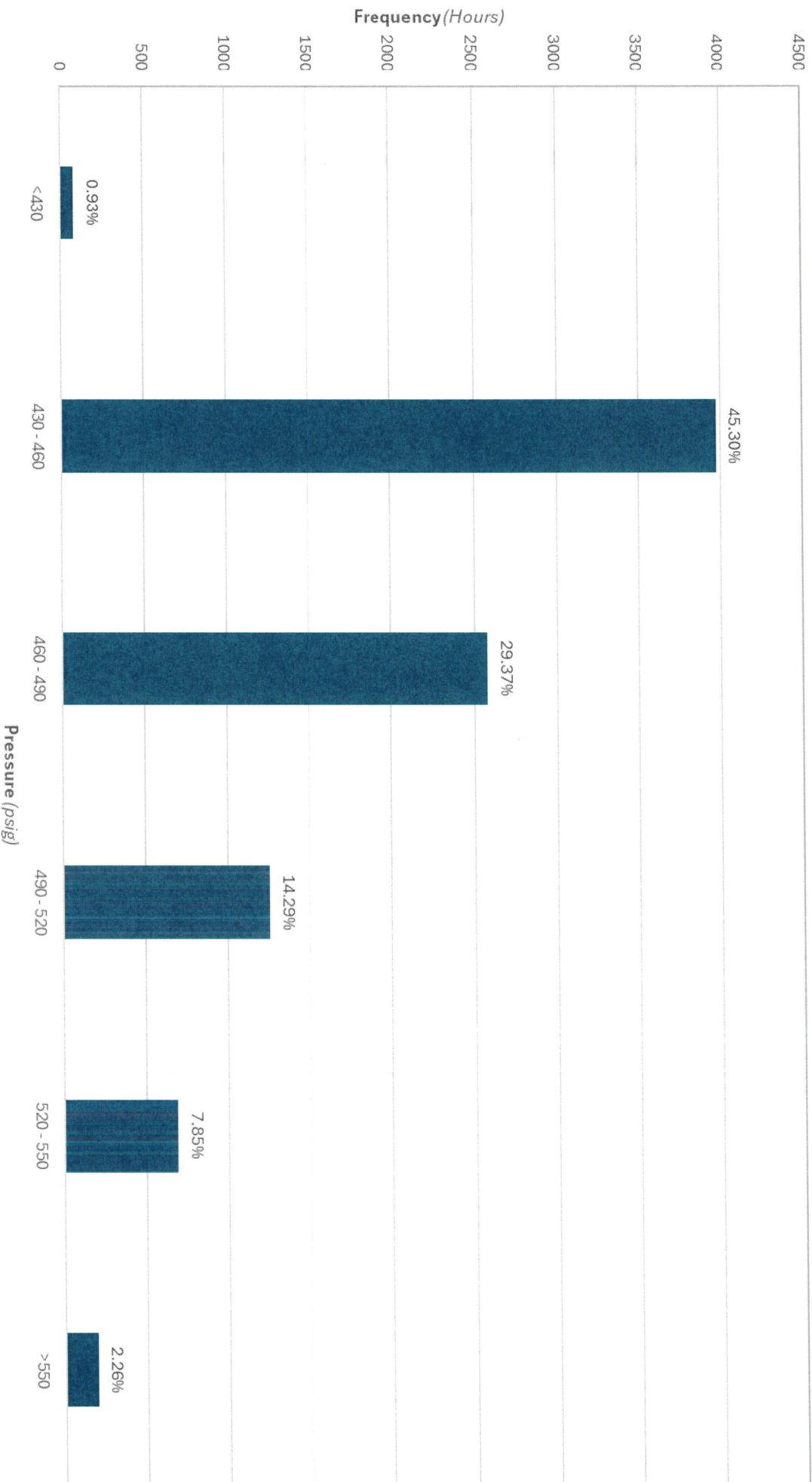
Estimated Daily Pressure Range at MSA
Based on Historical Data for Line 2001 West
October 2023 - October 2024



Historical data does not imply a future operational guarantee. SoCalGas shall not be liable for any use of these figures.

Estimated Hourly Pressure at MSA
Based on Historical Data for Line 2001 West
October 2023 - October 2024

Historical data does not imply a future operational guarantee. SoCalGas shall not be liable for any use of these figures.



Attachment 7
Exhibit A2 Detailed Engineering Study Results

[See attached.]

Southern California Gas Company's (SoCalGas®)
**City of Riverside, Regional Water Quality Control Plant
Renewable Gas Interconnection
Rule 45 Interconnect Detailed Engineering Study Report**

December 10, 2025



Prepared By:

Southern California Gas Company

555 W. 5th Street

Los Angeles, CA 90013

Prepared For:

City of Riverside, Regional Water Quality
Control Plant

5950 Acorn Street

Riverside, CA 92504

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Proprietary Information

Information denoted with an asterisk () in this DES is Utility's Proprietary Information (as such term is defined in that certain Confidentiality Agreement, dated September 3, 2019, between Utility and Interconnector ("Confidentiality Agreement")). All such Proprietary Information is subject to the terms and conditions of the Confidentiality Agreement.*

1. Executive Summary

As further detailed in this Detailed Engineering Study ("DES") report, in accordance with and subject to the terms and conditions set forth in this DES report and the Agreement (as defined below):

- Southern California Gas Company ("SoCalGas" or "Utility") analyzed the impacts to its gas transmission system of receiving a minimum and maximum, respectively, of four hundred (400) and one thousand nine hundred and ninety-two (1,992)* Standard cubic feet per day ("Mscfd") of new supply of Renewable Gas ratably delivered on a 1/24th hourly Displacement Receipt Point Capacity basis; and
- The estimated Total Installed Cost ("TIC") is \$7.892 million, which includes the estimated costs associated with the preparation of this DES, the Preliminary Engineering Study ("PES"), Change Order No. 1, Change Order No. 2, Change Order No. 3, estimated costs for the procurement of long-lead equipment and materials ("LLMP") and all estimated costs of construction; and
- Estimated Incremental Funding is \$5.927 million ("Estimated Incremental Funding"); and
- The in-service date is estimated to be 211 business days after the Estimated Incremental Funding has been received and posted to SoCalGas's account based on the preliminary project schedule provided herein. A final estimated construction schedule will be issued upon Interconnector's decision to proceed to construction as outlined herein.

To proceed, as further detailed herein, City of Riverside, Regional Water Quality Control Plant ("Interconnector") must:

- Enter into the requisite agreements, as detailed in **Section 17 (Next Steps Guidance)** below and fund the Estimated Incremental Funding amount.

2. Introduction

This report conveys the results of the Southern California Gas Company ("SoCalGas®" or "Utility") Detailed Engineering Study ("DES") requested by City of Riverside, Regional Water Quality Control Plant ("Interconnector") pursuant to Utility's Gas Tariff Rule Nos. 39¹ and 45²., the Consulting Services Agreement ("CSA") effective

¹ [Gas Tariff Rule 39](#)

² [Gas Tariff Rule 45](#)

September 18, 2020 and its Exhibit A2, Detailed Engineering Study, executed September 18, 2020 and funded April 20, 2021.³

Shortly after the PES report was issued on June 22, 2021, the Interconnector requested that the project be placed on hold until April 2024. On April 24, 2024, Utility informed the Interconnector that the original estimate of \$325,000 previously funded to complete the DES would be increased, as the estimated cost to complete the study had increased to \$700,000. Change Order No 1 was executed on August 21, 2024, the Interconnector funded the additional \$375,000 on September 17, 2024.

On September 19, 2024, in preparation of starting the DES, Interconnector requested that the takeaway capacity being considered increase from 1,104 MScf/d up to a max of 1,992 MScf/d. The Utilities evaluated this request and determined that the nearest Transmission pipeline, L-2001, had sufficient capacity for the requested increased takeaway. Further, on December 30, 2024, the Interconnector provided the Utility with a new Point of Receipt (POR) location inside their property along with a new proposed pipeline route. The Utility evaluated this proposed location and route and determined that both were acceptable to proceed for evaluation for the DES. On February 26, 2025, Change Order No 2 was executed to reflect POR new location and the respective new increased takeaway volume.

On May 8, 2025, Interconnector requested that Utility prepare Change Order No 3 to begin long lead material procurement as additional scope of work to the DES. Change Order No 3 was executed on September 17, 2025, and funding was received on October 29, 2025.

The CSA, Confidentiality Agreement, CSA Exhibit A1, CSA Exhibit A2, CSA Exhibit A3 Change Order No 1, Change Order No 2, and Change Order No 3, together are hereinafter referenced as the "Agreement".

Capitalized terms used herein, unless otherwise defined, have the meanings assigned to them in Rule 45, including its associated form agreements.

3. DES Scope of Work

Pursuant to the Consulting Service Agreement and its Exhibit A2, SoCalGas is providing this DES report for the interconnector's biomethane project which includes: (1) describing all costs of construction (**Section 4: Estimated Cost of Utility Facility Improvements**), (2) develop engineering construction drawings (**Attachment 1 and Attachment 2**), (3) preparing construction and environmental permit applications and right-of-way requirements (**Section 10: Right-of-Way ("ROW") Acquisition Requirements and Status**), and (4) LLMP requirements for a new Point of Receipt facility ("POR") and pipeline (**Table 4 and 5**) to deliver a minimum of 400 and maximum of 1,992 MScf/d* ratably delivered on a 1/24th hourly Displacement Receipt Point Capacity basis, into Transmission Line L-2001 (L-2001)* from Interconnector's property located in the City of Riverside, and as further detailed herein, including but not limited to the **Section 5 DES Study Assumptions**.

³ The Rule 39 Consulting Services Agreement (CSA) and Exhibit A dated September 18, 2020 and PES Exhibit A1 and DES Exhibit A2 executed September 18, 2020 and funded December 29, 2020 were entered into before Rule No. 45's October 28, 2020 effective date and Rule 45's form agreements effective date of February 19, 2021. Rule 39 access provisions have been replaced by Rule 45 provisions except as otherwise agreed to in the CSA and its exhibits.

4. Estimated Cost of Utility Facility Improvements

The DES estimated Total Installed Cost (“TIC”) is \$7.892 million, fully loaded. The Interconnector has contributed to date \$1.965 million towards the overall project cost. The Estimated Incremental Funding owed by the Interconnector is \$5.927 million.

Table 1: DES Estimated Total Installed Cost, +50% / -30%, provides an estimated total installed cost of the project at completion of \$ 7.892 million, including but not limited to, total company labor, material, third party charges, paving, permit and other estimated cost to complete procurement and construction, with an estimated cost breakdown for each respective category. This estimate is also inclusive of the Income Tax Component of Contributions and Advances for Construction⁴ (ITCCA). ITCCA is currently being assessed at an effective rate of twenty-four percent (24%).

As with any project, the estimated project timeline and the estimated project costs may be impacted by reasonably unforeseeable conditions or events, including environmental issues regarding paleontology, weather, ground water, soil conditions (including subsurface soil conditions) not previously identified or recorded in public records, and unknown / “As-Found” substructures identified during construction. These issues, if encountered, may result in delays to the project timeline and/or increase scope affecting total cumulative cost.

Table 1: DES Estimated Total Installed Cost, +50% / -30% (\$000)

Total Company Labor	Total Materials	Total Third-Party Charges (Including Contractor Labor)	Total Paving, Permit & Other	Subtotal	ITCCA	Total Installed Cost Estimate
\$989	\$1,598	\$3,741	\$36	\$6,365	\$1,528	\$7,892

Table 2: Overall Cost Summary provides a summary-level of the estimated total installed cost of the project at completion, current funding, estimate to complete cost, and pending funding needed to complete the project.

Table 2: Overall Cost Summary (\$000)

Estimate at Completion (EAC)	Current Funding*	Estimate to complete (ETC)	Pending Funding
\$7,892	\$1,965	\$5,927	\$5,927

* Includes funding received for the estimated: PES (\$65,000), DES (\$700,000), LLMP (\$1,200,000)

4.1 DES Cost Differences as Compared to the PES

The total estimated cost that was communicated in the Preliminary Engineering Study (PES) report dated June 22, 2021, was \$4,980 million including 24% ITCCA. For reference, the summary of the PES TIC estimate is provided in Table 3 below.

⁴ [Income Tax Component of Contributions and Advances for Construction \(ITCCA\)](#)

Table 3: PES Estimated Total Installed Cost for Utility Facility Improvements (\$000)

Total Company Labor	Total Materials	Total Third-Party Charges (Including Contractor Labor)	Total Paving, Permits & Other	Subtotal	ITCCA	Total Installed Cost Estimate
\$931	\$766	\$1,445	\$874	\$4,016	\$964	\$4,980

In addition to the DES estimate being a more comprehensive and detailed estimate compared to the PES estimate, the following are some of the attributes that contributed to the higher total cost estimate in the DES:

- PES evaluated a max takeaway of 1,104 MScf/d requiring the construction of a 2-inch lateral pipeline. DES evaluated a max takeaway of 1,992 MScf/d requiring the construction of a 4-inch lateral pipeline.
- POR location changed requiring an additional 906 feet of pipeline installation.
- General Material and Labor pricing have increased year over year since 2021.
- A proportional ITCCA increase due to the increases above.

5. DES Study Assumptions

The following study basis and assumptions were made in developing this cost estimate. Any changes in these assumptions may result in a change in the estimated costs in **Section 4, Estimated Cost of Utility Facility Improvements**.

5.1 Location*

The Point of Receipt (POR) facility will be located within the property of City of Riverside's Regional Water Quality Control's Plant located at 5950 Acorn Street, Riverside, as depicted in **Figure 1 Point of Receipt Location**. Interconnector shall ensure Utility has ingress and egress necessary to operate and maintain and upgrade Utility Facilities on a 24/7 basis to Utility sole satisfaction.

5.2 Metering*

The minimum and maximum volume is 400 and 1,992 MScf/d, respectively, ratably delivered on a 1/24th hourly Displacement receipt Point Capacity basis. Interconnector needs to have the capability to deliver up to the then current Maximum Allowable Operating Pressure ("MAOP") of 584 pounds per square inch gauge ("psig"), respectively. Current Maximum Operating Pressure (MOP) is 565 psig and current Minimum Operating Pressure is 375 psig.

5.3 Land Acquisition / Right-of-Way

Interconnector will provide access rights at no cost to Utility, as required, for the POR and the pipeline delivery of the gas from the POR to the Utility's pipeline system, in the form of the Grant of Easement for Exclusive and Non-exclusive

easements. Interconnector will also provide Utility with a temporary laydown yard of an approximate size similar to that of the POR area. The proposed laydown yard has been identified and agreed upon with the Interconnector to be located adjacent to the POR location. This laydown area will be finalized later and be documented in the Temporary Right of Entry (“TRE”) Agreement. The status of the easement agreement is detailed in **Section 10.5.2 Point of Receipt Right-of-Way**.

An executed easement agreement and the TRE are required prior to mobilization for construction.

5.4 Site Development

The estimate and engineering package are based on Interconnector’s representation that Interconnector will provide a fully graded point of receipt site. Utility will, at Interconnector’s expense and as part of the TIC estimate, provide a chain link fence, and two inches of ¾” crushed rock. It is assumed that the site is geotechnically stable, properly drained, and does not allow any water runoff from the adjacent properties.

5.5 Gas Quality

This study assumes that the gas delivered to the POR conforms to Rule 45 Standard Renewable Gas Interconnection, Section K, Renewable Gas Quality and Specifications including its incorporation of the gas quality specifications identified in SoCalGas’ Rule 30 I⁵. Interconnector to provide analytical results from a Biogas sample to Utility as soon as possible as results may cause additional gas quality analyzers to be considered, such as, but not limited to, a total sulfur analyzer, which has not been included in this cost estimate.

5.6 Permitting

Interconnector will acquire the appropriate environmental clearances, authorizations, and permits from the County and/or responsible agency to Utility’s sole satisfaction. Interconnector will provide Utility with the appropriate environmental, cultural, biological clearance reports prior to Utility beginning construction, including but not limited to California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA), County of Riverside permits, Regulatory waters, Endangered Species Act, land use authorizations, storm water pollution prevention plan (SWPPP), and dust control. These reports will be prepared by a licensed and qualified professional to the same standards the Utility would implement. The Interconnectors project description for all permits, including CEQA, and future reports shall include consideration of Utilities scope and be included in all Interconnector project descriptions and analyses.

The odorant tank is sized for less than 251 gallons, therefore does not currently require an air quality permit. However, an equipment registration is required pursuant to South Coast Air Quality Management District (“SCAQMD”) Rule 222. A Hazardous Materials Business Plan will also be submitted with the City of Riverside prior to storing odorant.

⁵ [Tariff Rule 30](#)

RWQCP confirmed with Utility that no building permits are required by Utility since entirety of Utility POR and pipeline project is inside RWQCP county property.

No other conditional use approvals are needed since Utility's gas distribution infrastructure and appurtenant facilities are subject to CPUC oversight.

5.7 Environmental

Interconnector will acquire the necessary environmental clearances and authorization from the City of Riverside and/or responsible agency. The interconnector will commission appropriate environmental studies in support of environmental permitting and CEQA compliance in conjunction with guidance from the City of Riverside. Environmental studies, including CEQA, will be prepared by qualified individuals to current professional standards of practice and will include Utilities project footprint, activities, means and methods of construction.

Cost estimates have been provided with the expectation that there will be no additional contaminated soils or cultural artifacts encountered during trenching activities. Utility will follow the City of Riverside environmental construction guidelines.

5.8 Health & Safety Requirements

SoCalGas' standard Health & Safety requirements are sufficient to mitigate any hazards present at this location.

5.9 Ingress / Egress

The POR facility will be located within the City of Riverside Regional Water Quality Control Plant. Ingress and egress will be provided through the existing security gate located approximately 500 feet south of the POR. Site access will be available via the main entrance through the secured motorized entry gate.

Interconnector will ensure Utility has ingress and egress necessary to operate, maintain, and upgrade Utility's Facilities on a 24/7, year-round basis to Utility's sole satisfaction.

Utility will maintain year-round access to the POR facility to accommodate odorant deliveries and large maintenance vehicles.

5.10 Construction Hours

Construction of the POR and Pipeline extension is planned to take place Monday through Friday from 7 AM to 4 PM.

5.11 Unusual Construction Costs

Utility does not anticipate any additional unusual construction costs for this project apart from the newly planned Southern California Edison (SCE) above ground electrical transmission tower installation. Any changes in the current SCE design could result in shifting or redesign of the Utility pipeline. Further, this DES

assumes that any potential future electrical interference study and subsequent mitigation will be completed by and addressed by SCE.

5.12 Power and Communications

Interconnector will provide Utility with a 120V/240V, single phase, 100 amperes, 60 hertz cycle, electric service at no cost to Utility. Power will be provided to Utility's power panel located at a designated location within Utility's POR plot as further detailed in **Section 8: Power**. Communication will be provided to Utility's panel located at a designated location within Utility's POR plot as further detailed in **Section 9: Communication**.

5.13 Changes

Any change in these assumptions may result in a change in the estimated costs in **Section 4 Estimated Total Installed Cost of Utility Facility Improvements**.

5.14 Buy America

The estimate included in this report assumes that the "Buy America" federal procurement provisions do not apply.

6. Pipeline

6.1 Material

The table below provides a summary of the major pipeline metrics. The planned 1,056 feet of pipeline extension consists of 4-inch diameter carbon steel pipe API 5L-X52, 0.237 inch-wall thickness fusion bonded epoxy (FBE) coating per SoCalGas® Materials Specifications for Gas Operations ("MSP") 41-06.1 as detailed in **ATTACHMENT 2: PIPELINE DRAWING PACKAGE**.

Table 4: Pipeline Summary*

Pipeline Interconnection	L 8144
Interconnecting intersection	L-2001 on Private Property near Transmission Valve Station ID824IE
Pipeline diameter, inches	4
Grade	API 5L-X52
Pipeline distance, feet (PE)	1,056
Wall thickness (PE) – inches	0.237
# of difficult crossings	0
ROW # of non-franchise owners	1
ROW procurement, months	12
Number of Permit Agencies	0
Construction Schedule, months after permits, materials procurement and ROW	5
Coating	Fusion Bonded Epoxy (FBE)

6.2 Valves

A 2-inch 600CL flange by flange main line valve* will be installed at the outlet of the POR to shut down the flow of gas during operation and maintenance activities or emergency situations as detailed in **ATTACHMENT 1: POINT OF RECEIPT DRAWING PACKAGE**.

In addition, an underground 4-inch 600CL ball valve will be installed entirely below the surface by the tie-in location on the high pressure 4-inch pipeline* for maintenance activities or emergency situations as detailed in **ATTACHMENT 2: PIPELINE DRAWING PACKAGE**.

Furthermore, an aboveground valve will be installed at the delivery point, within the graveled, fenced enclosure that will contain the POR, designed with automatic shut-off. POR equipment will be incorporated into the Utility supervisory control and data acquisition (SCADA) system.

The actual number of valves and their locations are contingent on the final alignment and pipeline design.

6.3 Route Description*

The proposed pipeline alignment will primarily be located within the City of Riverside Regional Water Quality Control Plant property and will start at the outlet valve of the POR facility. From this point, the pipeline will extend approximately 150 feet along the western shoulder of the plants services road where it will transition to the eastern shoulder for approximately 500 feet. The pipeline route will continue through the City of Riverside Public Utilities property for approximately 400 feet, primarily on the unpaved service road where it will ultimately connect to an existing

30-inch high pressure gas pipeline Line 2001, near Transmission Valve Station ID824IE.

ATTACHMENT 2: PIPELINE DRAWING PACKAGE shows the overall pipeline alignment of the proposed route. The alignment within the City of Riverside Public Utilities property has been designed to maintain adequate clearance from the recently designed Southern California Edison Transmission tower (AX-5), maintaining approximately 10 to 15 feet of separation adjacent to the Utilities pipeline alignment. This pipeline route was developed through multiple coordination meetings with Utility, SCE, and the Interconnector.

The attached drawings are based on site visits, Geotech Report and As-builds provided by the Interconnector, and existing historical substructure information. Future potholing activities will be utilized to verify existing pipeline design and could lead to future alignment changes if necessary.

6.4 Construction

The natural gas pipeline will be installed utilizing conventional trenching techniques. The pipeline will be designed, constructed, operated, and maintained in accordance with all applicable federal and state regulatory requirements included in the United States (U.S.) Department of Transportation (DOT) regulations in Title 49 of the Code of Federal Regulations (CFR) Section 192, Transportation of Natural and Other Gas by Pipeline.

The pipeline will be installed within a trench between 42 and 80 inches below the ground surface, as described in **Section 12: Construction Methods**. Workspace requirements to install and operate the pipeline are described in **Section 10: Right of Way Acquisition Requirements** and **Section 11: Construction and Environmental Permit Applications**.

7. Point of Receipt (POR)

7.1 Plot

The plot size for this project was developed and agreed upon between Utility and Interconnector to an area of approximately +/- 8,640 square feet, which is approximately 80 feet by 120 feet, as depicted in **Figure 1 Point of Receipt Location**.

7.2 Construction

Construction will be completed pursuant to the **Section 12.14: Aboveground Equipment Installation** and **ATTACHMENT 1: POINT OF RECEIPT DRAWING PACKAGE**. The Issued for Construction engineering drawings will be issued two (2) weeks prior to the mobilization to incorporate the City permit requirements and final vendors drawings. The POR will be constructed, operated, and maintained in accordance with all applicable federal and state regulatory requirements and Utility standards and practices.

The initial fabrication of gas piping may be performed offsite by Utility's approved contractors including welding and pressure testing, then permanently installed on Interconnector's property.

Utility will install all monitoring and control equipment pursuant to POINT OF RECEIPT Issued for Construction Drawings including, but not limited to, all required foundations, supports, and structures.

A preliminary project schedule is provided as **ATTACHMENT 3: PRELIMINARY PROJECT SCHEDULE**. A final construction schedule will be provided upon Interconnector's decision to proceed with construction.

7.3 Components and Materials

Materials are specified in the **ATTACHMENT 1: POINT OF RECEIPT DRAWING PACKAGE**. Below in Table 5: POR Components and Long Lead Materials Status, the critical POR components as well as the long lead materials have been identified.

Table 5 also provides the status of the long lead material procurement as of the issuance date of this report.

Table 5: POR Components and Long Lead Materials Status

Description	Status of Long Lead Material Ordered? (Yes/No)
Control Valve - Working	Yes
Control Valve - Monitor	Yes
Filter-Separator	Yes
2-inch Orifice Meter	Yes
2-inch and 4-inch Ball Valves	Yes
2-inch Check Valves	Yes
Pipe and Fittings for POR	Yes
Sample & Conditioning System	Yes
Gas Chromatographs	Yes
Oxygen Analyzer	Yes
H2S Monitor	Yes
Gas Sampler	Yes
Odorant Injection System	Yes
Level gauges	No
Relief Valve	Yes
Pressure Transmitter	No
dP Transmitter	No
Temperature Transmitters	No
Total Flow Computer	Yes
Customer Interface Box	Yes
Honeywell RTU	Yes
UPS / Battery system	Yes
Analyzer Shelter	Yes
Electrical Shelter	Yes
Miscellaneous Small Valves and Fittings	Yes

8. Power

Interconnector will provide Utility with a 100 ampere, 120/240-volt, single phase 60 hertz cycle, electric service at no cost to Utility. Location of the power supply source has been confirmed between the Interconnector and Utility which is located approximately 300 feet south of the POR. The termination point will be shown in the Issued for Construction engineering drawing.

Interconnector is responsible for providing power to the POR facility which includes installation of conduits and conductors from the source to the POR facility. In the case where utility power is not available at the time of commissioning of the POR facility, Interconnector is responsible for providing temporary power to complete the commissioning.

9. Communications

Utility will be installing communication devices to allow for Utility's internal communications and data transfer between Utility and Interconnector facility.

Interconnector will provide Utility with a wireless connection for Utility's internal communications, meeting the following specifications:

- (1) A received signal strength indicator (RSSI) range of -70 dBm to -50 dBm, and
- (2) A reference signal receiving quality (RSRQ) reading range of -8 dBm to -3 dBm, and
- (3) A signal-to-noise-plus-interference ratio (SNIR) of 2 dBm to 15 dBm.

Interconnector access to Utility's flow, energy, pressure, temperature, and gas quality data access is available pursuant to Utility's then standard data access agreement. The agreement must be executed prior to the Interconnector's in-service date. Interconnector will need to provide Utility with two pairs of wires at Utility's interface box located at a designated location within Utility's POR suitable for Modbus RS 485 serial communication.

10. Right-of-Way ("ROW") Acquisition Requirements and Status

10.1 Temporary (Construction)

This project will require temporary ROW's adjacent the POR and adjacent to the pipeline up to Utilities interconnect tie-in point. These temporary ROW's will be at no expense to Utility and will need to be executed prior to construction mobilization.

10.2 ROW Size

When constructing pipeline in public or private ROW, the typical temporary construction ROW will be approximately 30 feet wide, increasing in width to as much as 50 feet where additional temporary workspace is available adjacent to the road shoulder to accommodate trench spoil or specialized construction techniques and/or to avoid existing underground utilities.

10.3 Extra Workspaces

Additional workspace is not anticipated to be required at this stage of the project to facilitate specialized construction techniques, such as HDD, horizontal bores, and drainage crossings.

10.4 Staging Areas

Utility has confirmed with the Interconnector the location of the staging area where the contractor will stage equipment and materials during construction. The staging area has been preliminary discussed to be located at the gravel area adjacent to the future POR site.

10.5 Permanent (Operation and Maintenance)

10.5.1 Pipeline

Utility will acquire a non-exclusive permanent easement from City of Riverside where the pipeline is located within the Interconnector's private property.

10.5.2 Point of Receipt

Interconnector will provide at no cost to the Utility the necessary permanent and temporary rights of way satisfactory for the Utility to access, construct, and maintain the Utility Facilities. The ROW will provide Utility access to the facilities 24/7. The easement agreement between the City of Riverside and the Utility will be drafted and executed once the Interconnector has agreed to proceed and fund the construction phase of the project. Any delay in receiving the executed exclusive easement agreement will delay the construction start date and all dependent project activities.

11. Construction and Environmental Permit Applications

11.1 Construction Permits

Interconnector confirmed with Utility that no building permits, encroachment permits, or plan checks for the POR and pipeline construction are required, as all work will be conducted within the property of the City of Riverside.

11.2 Environmental Permits

Interconnector has provided Utility with all pertinent environmental permits and authorizations obtained by Interconnector necessary for Utility's assessment and review of any potential environmental issues (i.e., protected species and cultural sites).

12. Construction Methods

Installation of the pipeline using conventional trenching methods will be used for this project. However, other methods such as jack-and-bore methods may be utilized as an alternative technique in addressing potential unknown subsurface conditions.

The sequence of construction activities for the project is described in the following subsections. Typical equipment necessary for these activities is listed in **Table 6: Construction Equipment**. Number of equipment may vary depending on actual construction requirements.

Table 6: Construction Equipment

Equipment	Approximate Number	Use
Backhoe	2	Excavate and backfill
Boom truck	1	Deliver and load/unload materials and equipment
Bulldozer	1	Strip topsoil and move spoils and other materials
Coating rig	1	Apply coating to pipe welds
Ditching machine	1	Dig trench
Dump truck	1	Haul spoils and import backfill
Flatbed trucks, 1.5 ton	1	Haul shoring, plates, and construction materials
Motor grader	1	Remove topsoil and grade the ROW
Pickup truck	3	Transport project personnel and materials
Pipe trucks	1	Transport pipe sections
Radiograph truck	1	X-ray welds
Side boom tractor	1	Lower pipe into open trenches and bore pits
Tractor trailer	2	Haul materials and equipment
Utility tool truck	2	Store tools
Vacuum truck	1	Remove water, mud, and other materials from excavations and the ROW
Water truck	1	Control dust
Welding trucks	1	Weld pipe

12.1 Notifications

All property owners and tenants within 300 feet of the project boundary (or as determined for compliance with the California Environmental Quality Act ("CEQA")) will be notified at least one week prior to the start of construction activities. Other notifications will be made through various means, including placing signs at road crossings in advance of construction.

The construction contractor will also notify Underground Service Alert, which will then alert service providers of the intended construction. Known utility corridors will then be marked so they can be avoided during construction; thus, minimizing damage to existing utilities and any service disruptions to utility customers.

12.2 Mobilization and Staging

Mobilization activities include the delivery of materials and equipment to the job site. Prior to construction, the contractor will stage the proposed laydown yard area for materials and equipment storage as previously described in **Section 10.4 Staging Areas**. Interconnector will supply temporary power to the staging area with portable generators or, if available, through connections to nearby electrical lines.

12.3 Access

The project will be accessed by existing public and private roadways. Access will be provided through secured motorized entry gate into the City of Riverside facility at Acorn Street and Payton Street as described in **Section 5.9 Ingress / Egress**. Internal roadway within the plant will facilitate access to the project area.

12.4 Surveying, Staking, and Flagging

Utility will mark the centerline at line-of-site intervals, at points of intersection, including offset stakes marking the edges of the ROW, and at all known underground facilities. Other utilities will be identified using pipeline locators and other appropriate means. Utility will also clearly mark any sensitive biological, cultural, paleontological, or hydrological resources, where appropriate, to restrict construction activities and equipment from these areas. Staking will be installed to delineate any temporary work area or ROW boundary. Once the fencing and flagging has been installed, the contractor will begin potholing along the ROW⁶.

12.5 Clearing and Grading

Clearing or grading is not anticipated within the construction ROW. Where necessary, clearing will begin with the removal of brush and other materials, which will then be piled along the ROW or disposed of in accordance with instructions from the jurisdictional agencies or landowners. When present and required, topsoil will be removed during clearing and grading operations and segregated from subsoil. At a minimum, the uppermost 4 to 8 inches of surface topsoil, where present, will be stripped across the entire ROW. The topsoil will be preserved and stored separately from subsoil for subsequent ROW restoration activities. In areas where topsoil segregation will occur, the topsoil will be stored along the edge of the temporary construction easement. Areas along the ROW will then be graded to create a suitable work surface for construction vehicles and heavy equipment. Minimal grading and topsoil removal is anticipated.

All survey monuments, including U.S. Geological Survey monuments, will be identified, and protected during construction activities. If monuments are accidentally damaged or disturbed, Utility will report the incident to the appropriate agency and will be responsible for the restoration of the monument at its original surveyed location.

12.6 Hauling and Stringing

The pipe will be hauled by truck to the staging area. From there, they will be hauled out to the trench location, strung out along the open trench, welded together, and lowered into trench with side boom tractor when ready for installation. The use of a crane may be required as part of this operation.

⁶ Potholing is the exposure of existing underground utilities, such as natural gas, oil, and water pipelines; electrical transmission lines; and phone lines in order to avoid damaging these structures during construction

12.7 Trenching

The typical trench will be approximately 60 inches deep and approximately 12 to 18 inches wide, or 10 feet wide where bell holes are required. At crossings of existing pipelines and other substructures, excavations will generally be deeper and wider, as necessary, to accommodate shoring and to clear the existing substructures, which are located at various depths. The pipeline will meet or exceed the minimum depth of cover required by the U.S. DOT, which is typically 36 inches.

The trench will be excavated using rubber-tired backhoes, ditching machines, and track excavators. Substructures will be exposed by potholing before using excavating equipment. Blasting of rock or very hard soils is not anticipated.

Excavated soils will typically be preserved and used as backfill materials at the site of origin. Spoil piles will be placed along the trench in areas where a temporary construction easement is available or along the roadway or road shoulder. Pre-approved sections of the roadway will be closed, and detours established in accordance with City of Riverside to accommodate staging of the spoil within the roadway. Materials deemed unsuitable for backfill will be disposed of off-site in accordance with all applicable regulations.

Although not anticipated and not accounted for in the project total installed cost estimate, trench dewatering will be required if groundwater infiltrates the pipeline trench. Discharge of trench water will be conducted per all applicable laws, ordinances, and regulations. Potential discharge locations include using the trench water as a means for dust control and fire prevention and/or discharging the trench water overland in a well-vegetated area. All trench water will be discharged in a manner that controls the rate of discharge and minimizes erosion in accordance with applicable permits. If groundwater is encountered during excavation the total cost handling and discharge will be an addition.

12.8 Construction within Roadways

Pipeline construction will take place within the City of Riverside Regional Water Quality Control Plant and the City of Riverside Public Utilities unpaved service road. During construction of the pipeline adjacent to the POR for approximately 200 feet, the contractor will implement traffic control measures by closing the east side of the internal roadway and maintain one lane access to minimize internal traffic flow impact within the facility.

Excavation will follow, as described in **Section 11.7 Trenching**. Utility will use a temporary ROW width in accordance with the Traffic Control Plan and as allowed by the available temporary work area adjacent to the roadway to accommodate the trenching and excavation activities.

Traffic control, temporary road closures, and detours will be coordinated with the Interconnector. Local and emergency services access will always be available. "Detour" and "Road Closed" signs will be posted in advance of construction, and construction will be completed as soon as possible to re-open roadways as the pipeline installation progresses.

12.9 Horizontal Directional Drilling (HDD)

HDD is a specialized trenchless method used to install underground utilities by boring beneath surface features or substructures without disturbing the ground above. This technique may serve as an alternative solution for this project to address unknown subsurface conditions. This method is not expected to be used for this project.

12.10 Horizontal Boring

Horizontal boring is a technique that can be used to install the pipeline beneath other known substructures or surface features without disturbing the surface of the area being crossed. Shoring will be required for the bore pit and receiving pit due to the depth. This method is not expected to be used for this project.

12.11 Welding and Coating

The construction crew and a welding crew will be responsible for welding⁷ steel pipe. The pipeline construction crew will pick up each joint of pipe, align it with the adjacent joint, and make the first part (i.e., pass) of the weld. The welding crew will follow the pipeline construction crew to complete each weld. All field welding will be performed by qualified welders in accordance with the American Pipeline Institute Standard 1104 (Welding Pipelines and Related Facilities) and 49 CFR 192.

All new pipeline welds will be inspected both visually and radiographically (via X-ray) by certified weld inspectors. Upon successful weld inspections the welded joints will then be coated and inspected by certified coating inspectors. Although the pipe will be coated with fusion bonded epoxy prior to delivery to the project site, all coated pipe has an uncoated area 3 to 6 inches from each end to prevent the coating from interfering with the welding process. Once the welds are made, the field joint (i.e., the area around the weld) will be coated with an epoxy coating, such as Powercrete 60 over FBE. New pipeline segments will be inspected to locate and repair any faults or voids in the pipeline coating prior to being lowered into the trench.

12.12 Fusion Polyethylene ("PE") pipe

Polyethylene pipe is not being utilized in the project.

12.13 Lowering-in, Backfill, and Compaction

The pipe segments or individual pipe lengths will be lifted and lowered into the trench. If rock conditions are encountered during trench excavation, the trench bottom will first be padded with a layer of imported rock-free sand.

In most situations, the native material excavated from the pipeline trench will be hauled off site to an approved landfill, and clean, engineered fill will be

⁷ Welding is the process that joins the various sections of pipe together into one continuous length.

imported for backfill. In addition, sand and rock-free soil may be imported to pad or shade the pipe prior to backfilling. These materials will come from a commercially available, local source.

Once backfilling has been completed in public roads and streets, the backfill material will be compacted with compaction rollers and/or hydraulic tampers. It will then be compaction-tested to ensure that all trench locations are compacted in accordance with standard engineering practices and permit requirements. In areas where topsoil segregation is required, the topsoil will then be restored to its original grade and contour.

12.14 Aboveground Equipment Installation

Most aboveground equipment will be prefabricated at a staging area and then transported to the respective locations for final assembly and tie-in to the pipeline facilities. The aboveground equipment that will be appurtenant to the pipeline is described in the following subsections.

12.15 Valves

Below ground valves will be installed within the ROW and no additional workspace will be required. Installation will be like other tie-ins within the trench and will involve excavation of a bell hole to allow workers room for welding. The trench will then be backfilled, and the surface will be returned to original state. No pig launchers or receivers will be installed.

12.16 Pressure Testing

In accordance with U.S. DOT standards, the entire pipeline segment will undergo pressure testing prior to operation using nitrogen, air, or water, which is also known as a "test medium". The test medium will be pumped into the test sections, pressurized to design-test pressure, and maintained at that pressure for a minimum of one (1) hour up to a maximum of four (4) hours. The actual volume of test medium will be dependent on the number of test sections and the sequence of the test. The pipeline will likely be tested as one complete segment. The test medium will be discharged in accordance with all applicable permits.

12.17 Cleanup and Restoration

For trench areas along roadways, restoration activities will generally commence within approximately 14 days of trench backfilling. All construction material and debris will be removed and disposed of at appropriate landfills. Within public roads, restoration of the paved surface will be completed in a timeframe and manner as required by the encroachment permit.

All staging areas and temporary extra workspaces will be re-contoured to pre-construction conditions and will be restored in accordance with prearranged landowner requirements. Soil will be de-compacted and reseeded in accordance with the landowners' requests and applicable permits. All paving repairs will be made in accordance with current city and/or county requirements.

As a final step, the route within unpaved portions of the roadway shoulder or private ROW will be marked with approximately 5-foot-high line markers placed in accordance with U.S. DOT standards. These line markers will function as a safety measure and will be in intervals ranging from 500 to 1,000 feet at all angle points, road crossings, and drain and canal crossings not within the roadway. Signs will be offset from the roadways to avoid interfering with traffic.

13. Hazardous Materials and Non-Hazardous Waste

13.1 Construction Waste

During project construction, some construction-related non-hazardous debris, including asphalt, concrete, and rubble from trenching paved areas, packaging material, and spent welding rods will be deposited in a landfill. When possible, concrete and asphalt rubble generated by the project will be recycled. In either case, the amount of waste material will be limited. The waste will be disposed of at a licensed facility, which is designated for dumping non-hazardous wastes, such as municipal waste.

13.2 Potential Pollutants

On-site storage and/or use of large quantities of materials capable of impacting soil and groundwater are not typically required for a project of the proposed size and type. However, Utility construction crews or licensed contractors—trained and certified in the proper use, storage, and handling of hazardous materials—will manage all such materials.

Construction of the project will involve the use of certain hazardous materials, such as fuels, oils, solvents, and glues, as shown in **Table 7: Hazards Materials List**. There is a potential for the inadvertent release of hazardous materials through spills or leaks from construction vehicles and equipment.

However, the volume of hazardous materials to be used during construction is small, and all spills will be immediately controlled and contained. In addition, best management practices for hazardous materials storage, handling, and disposal will be implemented during construction in accordance with SoCalGas® Water Quality Construction Best Management Practices Manual.

Table 7: Hazards Materials List

Hazardous Materials	
Acetylene gas	Battery acid
Air tool oil	Canned spray paint
Automatic transmission fluid	Chain lubricant (contains methylene chloride)
Oxygen	X-ray sealed source, Iridium 92
Gasoline	Diesel fuel additive
Welding rods	Antifreeze
Brake fluid	Gasoline treatment
Propane	Film development solution for X-ray film
Methyl alcohol	Lubricating grease
Portable toilets	Safety solvent

Fusion bond epoxy	Pipeline coating
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13.3 Refueling

Refueling of equipment will be required on a regular basis to keep equipment running uninterrupted throughout the day. In general, a fuel truck will be used to refuel equipment at the staging area each morning. Crew trucks and vehicles will be fueled at commercial facilities. Special precautions will be taken when refueling near water bodies and drop-inlet structures, including maintaining an approximately 100-foot setback and absorbent materials to recover accidental spills.

14. Construction Noise

Noise associated with the construction phase of the project will be temporary, short-term, and intermittent in nature. Construction activities and associated noise will be limited to the timeframes specified Permitting Agency. **Table 8: Noise Levels of Typical Construction Equipment** depicts noise levels that are anticipated during construction.

Table 8: Noise Levels of Typical Construction Equipment

Equipment	Range of Noise Level (A-weighted decibels) at 25 yards
Boring machine	82-84
Backhoe and track hoe	72-93
Bulldozer	74-96
Crane	74-87
Motor grader	80-93
Pneumatic hammer and air compressor	74-87
Side boom tractor	74-96
Tractor trailer	82-94

Source: U.S. Environmental Protection Agency, 1971

No noise will be generated by normal project operations. In addition, noise associated with the maintenance of the project will be minimal as the pipeline will only require routine inspection and occasional maintenance, which will not generate significant levels of noise.

15. Workforce and Schedule

15.1 Construction Personnel

The workforce will depend on the contractor and how many crews are assigned during construction at any given time. It is expected that approximately 6 to 10 construction personnel will work 5 days per week, with a peak number of approximately 20. In general, construction will occur within and adjacent to the project site.

15.2 Schedule

Construction crews will work approximately 8 hours per day, 5 days per week, typically from 7:00 a.m. to 4:00 p.m. and in accordance with the local noise ordinance. X-ray activities will require extended operating hours to ensure they can be completed without disruption. All applicable permits and landowner authorizations will be obtained prior to commencing construction.

16. Operation and Maintenance (O&M)

16.1 Pipeline

The proposed pipeline and associated aboveground facilities will be operated and maintained in accordance with 49 CFR 192 and CPUC General Order 112.

Existing Utility staff will operate and maintain the new pipeline, perform routine maintenance of the pipeline, valve stations, and other appurtenant facilities, and respond to emergency situations in accordance with Utility operation and maintenance procedures. These procedures include emergency planning, on-call response and incident reporting provide for prompt, effective responses to significant, irregular conditions detected along the pipeline. Typical testing and inspection procedures conducted by Utility will follow federal regulations, including any required periodical pigging of the line.

16.2 Point of Receipt (POR)

The Operation and Maintenance (“O&M”) cost estimate for the POR is \$5,275 to \$6,555 per month for scheduled maintenance plus the fully loaded labor rate for unscheduled maintenance.

Refer to **Table 9: O&M Cost Estimate** and the California Producer Service Rate Schedule (“G-CPS”)⁸ for more guidance on O&M Fees scheduled to begin upon completion and commissioning of the metering equipment and related Utility facilities at the Interconnection point.

⁸ [G-CPS California Producer Service Rate Schedule](#)

Table 9: O&M Cost Estimate

DESCRIPTION	MONTHLY COST (\$)
G-CPS #1 – Routine Maintenance, per month	\$ 3,206
G-CPS #2– Odorant (\$1.74/MMcf)	\$21 - \$104
G-CPS #3 – Interconnection Specific	(Actual Costs)
Sulfur GC ⁹	\$792
Carbon Dioxide Monitor ¹²	\$108
Permit(s)	\$0 - \$186
Siloxanes, Biological, Ammonia, VOC, Metals, Hydrogen, Sulfur & Mercaptan Spot Sampling and Analysis ¹⁰	\$678
G-CPS #4A-4B – H2S Monitoring, per month	\$102 - \$202
G-CPS #5 – Moisture Analyzer ¹²	\$69
G-CPS #6B – Modular Gas Chromatograph (NGC)	\$1,002
G-CPS #6C – Oxygen Analyzer	\$80
G-CPS Gas Quality Monitoring and Enforcement Fees – New Data Collection System	\$ 537
Total	\$5,803 - \$6,964

17. Next Steps Guidance

Utility is providing to the Interconnector the following next steps for informational purposes only and as guidance to facilitate Interconnector’s planning. Utility has used reasonable efforts to ensure the accuracy of such information but makes no express or implied representation that it is free from error or suitable for any particular use or purpose. Interconnector is solely responsible for ensuring compliance with all its obligations arising out of or in connection with Rule 45.

17.1 Interconnector Actions

- Enter into the following agreements with Utility:
 - Standard Renewable Gas Interconnection Agreement (“SRGIA”), Form 5502¹¹ to proceed with remaining engineering, procurement, and construction; and
 - California Producer Operational Balancing Agreement (“CPOBA”), Form 6452¹²; and
 - Standard Renewable Gas Interconnector Measurement Data Access Device Agreement, Form 5504¹³ prior to any data connection.
- Interconnector must demonstrate its ability to meet the Utility’s credit worthiness requirements in conformity with the SRGIA Section 16 Performance Assurance; Guaranty and CPOBA Section VIII, 8.8 Credit. The Utility’s credit

⁹ May not be required. Depending on specific site testing results

¹⁰ Estimate assumes initial gas sampling analysis being below Rule 45 trigger levels requiring only annual sampling.

¹¹ [SRGIA](#)

¹² [CPOBA](#)

¹³ [Data Access Agreement](#)

worthiness evaluation, in its sole discretion, sets forth the Interconnector's financial obligations for credit; and

- Interconnector must issue the pending Estimated Incremental Funding, as identified in **Section 4, Estimated Cost of Utility Facility Improvement**, to enable Utility to proceed with the remaining material procurement and construction, as part of executing the SRGIA.

17.2 Biomethane Pre-Injection Testing

Interconnector must comply with Rule 45 K Renewable Gas Quality and Specifications which incorporate Rule 30I Gas Delivery Specifications, or its successor(s). Biomethane to be accepted and transported in the Utility pipeline system shall be subject to periodic testing and monitoring based on the biogas source.

Interconnector, once the production facility is operational and prior to the injection of biomethane; preferably, in advance of the POR commissioning, shall test two representative biomethane samples over a two to four-week period, at least a week in between testing events, for the biogas source specific constituents of concern. This will determine the presence of constituents above action levels and demonstrate the stability and performance of the biogas to biomethane upgrading system.

Interconnector must perform the pre-injection testing using independent certified third-party laboratories such as SCAQMD lap-certified and Environmental Laboratory Accreditation Program (ELAP) certified¹⁴, where applicable.

Interconnector shall comply will all reporting and record keeping requirements found in Rule 45 Section K.5.h.

Interconnector shall notify Utility at least 5-calendar days in advance of sampling for the pre-injection tests and Utility will have the option to observe the sampling.

Interconnector shall share the test results with Utility within 5-calendar days of the tests results being received by Client.

CPUC Decision 14-01-034¹⁵ adoption of the Final CARB/OEHHA Report submitted in R.13-02-008, also requires the Interconnector to, amongst other things, within 30 days of receiving the test data, provide them to the CPUC and CARB¹⁶ and note whether monitoring and record keeping of hydrogen sulfide and mercaptans conducted pursuant to Utility's Rule 45 will be used to meet the monitoring and recording keeping requirements for constitutes of concern.¹⁷ Interconnector should review this CPUC Decision, including its inclusion of the Final CARB/OEHHA Report, for further details and additional requirements.

If the Health Protective Constituents total potential cancer risk and non-cancer risk and Pipeline Integrity Protection Constituents are below the Lower

¹⁴ For approved ELAP labs, refer to https://www.waterboards.ca.gov/drinking_water/certlic/labs/

¹⁵ <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M086/K466/86466318.PDF>

¹⁶ Test data to be sent to: renewablegas@cpuc.ca.gov; Michelle.Watterson@arb.ca.gov; Katheleen.Kowaza@arb.ca.gov; Carolyn.Loza@arb.ca.gov; nick.zanjani@cpuc.ca.gov; alexander.merigan@cpuc.ca.gov; benny.corona@cpuc.ca.gov

¹⁷ Client shall maintain records of all test results (concentrations of constituents of concern and associated test methods) for at least 3 years from the date when the tests were conducted. These records would not be required for hydrogen sulfide and mercaptans when these compounds are monitored continuously, or more frequently than recommended for constituents of concern in this document, and are subject to utility tariff monitoring and reporting requirements.

Action Level (LAL) for both tests, the biomethane may be injected into the pipeline; otherwise, Interconnector shall make necessary modifications to their process plant to lower the constituents below the applicable LAL and restart pre-injection testing.

The Utility's experience indicates that siloxanes tend to be a source of non-compliance and that potential sources, in addition to biogas feedstock source, include but are not limited to compressor oil or excessive silicon-based lubricants in process equipment.

17.3 Twenty-four (24)-hour Startup Testing

After Utility receives the results for the two pre-injection tests with Health Protective Constituents total potential cancer risk and non-cancer risk and Pipeline Integrity Protection Constituents below the Lower Action Level (LAL) for both tests, and meets Rule 45 Section K, the 24-hour Startup Testing may be scheduled. Interconnector shall arrange for the startup test by notifying Utility at least 1 week in advance.

If the results of the 24-hour startup test comply with Rule 45 Section K, Renewable Gas Quality and Specifications, Interconnector will be able to deliver continuously subject to the POR monitoring, regulation and control parameters and protocols.

The biomethane constituent test results are usually available approximately 2 weeks from completion of the 24-hour test. If the results indicate the gas is below the Upper Action Level (UAL), then access to the Utility system will continue subject to the POR monitoring, regulation and control parameters and protocols and periodic testing results.

If the biomethane constituent test results are at or above the UAL, then access to the Utility system will be denied, Interconnector shall then take corrective action, complete gas analysis of all constituents, and verify that the gas is less than the LAL limit that allows the Interconnector to resume deliveries subject to the POR monitoring, regulation, and control parameters and protocols and periodic testing results.

The ongoing periodic test frequency will be based on the startup test results.

CPUC Decision 14-01-034¹⁸ also requires the Interconnector to notify the CPUC, within 30 days of when they first inject into the Utility pipeline, of the Interconnector company name, contact, facility location and injection point.

17.4 Biomethane Monetary Incentive Testing

Pursuant to Rule 45, Section 5, Incentive Programs, to be eligible for the monetary incentive provided by Utility, Interconnector must:

1. Comply with Utility Tariff Rule Nos. 30 and 45 and
2. Produce biomethane flow for 30 out of 40-days within the 17 and 83 MScf/hour minimum and maximum, respectively, measurement design limits (400 to 1,992 MScf/d)*.

¹⁸ <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M086/K466/86466318.PDF>

Interconnector must declare in a written notice¹⁹ to the Utility at least 2 business days in advance, the specific start and end date of this 40-day testing period.

The 30 out of 40-day requirement is extended 1-day for each day that Interconnector is unable to produce flow because of an interruption of delivery as set forth in Rule No. 45 Section I, Costs.

Interconnector may elect to restart the 40-day testing period by providing a new written notice declaring the new start and end dates at least two business days in advance of when the new 40-day testing period is to begin.

18. Disclaimer

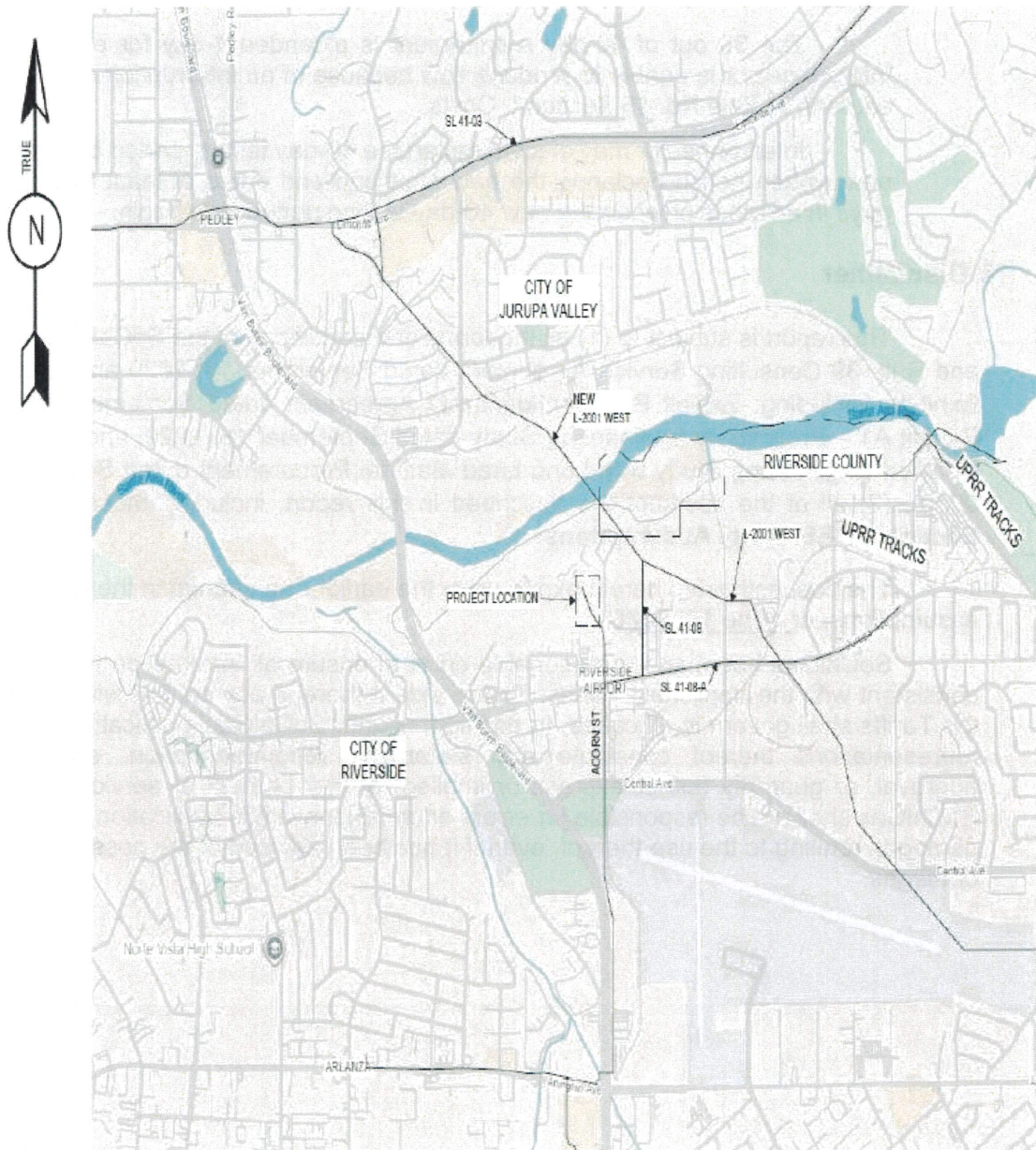
This report is subject to (1) all the terms and conditions of the SoCalGas' Rule 45 and Rule 39 Consulting Service Agreement dated September 18, 2020 and each of its Exhibits (including: Exhibit B – Confidentiality Agreement dated September 18, 2020, Exhibit A1 – Preliminary Engineering Study dated September 18, 2020, and Exhibit A3 - Detailed Engineering Study with Long Lead Material Procurement dated September 18, 2020), (2) all of the assumptions described in this report, including those set forth in **Section 5 DES Study Assumptions**.

The cost estimates herein expire upon the earlier of a change in the conditions or assumptions, or **June 10, 2026**.

SoCalGas has made a reasonable effort to ensure all information is correct and consistent with the applicable Tariffs. To the extent there is any conflict with the Tariffs, the Tariffs shall govern in all cases. In addition, neither SoCalGas' publication nor verbal representations thereof constitute any statement, recommendation, endorsement, approval, or guaranty (either express or implied) of any product or service. Moreover, SoCalGas shall not be responsible for errors or omissions in this publication, for claims or damages relating to the use thereof, even if it has been advised of the possibility of such damages.

¹⁹ Noticing requirements are specified in the Standard Renewable Gas Interconnect Agreement, Section 11, Notices.

Figure 1 Point of Receipt Location



ATTACHMENT 1: POINT OF RECEIPT DRAWING PACKAGE

Drawings provided in a separate attachment.

ATTACHMENT 2: PIPELINE DRAWING PACKAGE

Drawings provided in a separate attachment.

ATTACHMENT 3: PRELIMINARY PROJECT SCHEDULE

Project Schedule is provided in a separate attachment.

Attachment 3: Preliminary Project Schedule	
Project Schedule	RNG-Biome Rule 45-City of Riverside Customer Schedule 12-01-2025