

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 30, 2019

Advice Letter 4084-G/5514-E

Erik Jacobson
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

SUBJECT: Annual Report for Relocation Work Performed for the California High-Speed Rail Authority (CHSRA), in Compliance with Resolution G-3498.

Dear Mr. Jacobson:

Advice Letter 4084-G and 5514-E are effective as of May 2, 2019.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph

Deputy Executive Director for Energy and Climate Policy/
Director, Energy Division

April 2, 2019

Advice 4084-G/5514-E
(Pacific Gas and Electric Company ID U 39 M)

Public Utilities Commission of the State of California

Subject: Annual Report for Relocation Work Performed for the California High-Speed Rail Authority (CHSRA), in Compliance with Resolution G-3498

Purpose

Pursuant to Resolution G-3498, Pacific Gas and Electric Company (PG&E) submits this Tier 2 Advice Letter and the attached Annual Report for Relocation Work Performed for the California High-Speed Rail Authority (CHSRA). This report covers costs and status of relocation work performed, its impact to ratepayers, and provides an itemization of filings submitted in support of the project's required relocation work.

Background

On October 14, 2016, the California Public Utilities Commission (CPUC or Commission) issued Resolution G-3498, which orders PG&E, Southern California Edison and Southern California Gas (the Utilities) to provide an annual report on relocation activity completed in support of the High-Speed Rail (HSR) project. These reports are to be filed on April 1 of each year as a Tier 2 Advice Letter. Information reported each year will cover the period from PG&E's first Master Agreement filing¹ through December 31st of the previous calendar year.

Resolution G-3498 requires the Utilities provide the following information as part of their HSR annual reports:

- Summary of report's purpose
- Table A-1: Current and Expected Filings for CHSRA Project Relocation Work

¹ Master Agreement, HSR 13-52, filed 6/13/14

- Table B-1: Utility Agreement and Costs to Ratepayers to Date for PG&E Relocation Work for the CHSRA Project:
 - Utility Agreement number, CPUC filing number and date, CHSRA Project segment/construction package, and agreement value;
 - Utility costs to CHSRA;
 - Utility costs to ratepayers (credits);
 - Ratepayer costs included in Commission rate case (list rate case and year);
 - Property transaction completion status; and
 - Completion date or expected completion date of all property transactions.

- Table B-2: Number and Types of PG&E Utility Facilities Relocated to Date by Utility Agreement for the CHSRA Project
 - Utility Agreement number;
 - Total number of facilities relocated;
 - Number of Electric Distribution Lines (under 50 kV) relocated;
 - Number of Electric Power Lines (50 kV to less than 200kV) relocated;
 - Number of Electric Transmission Lines (200 kV and above) relocated;
 - Number of Gas Distribution Lines relocated;
 - Number of Gas Transmission Lines relocated; and
 - Number of Telecommunication Lines relocated.

- Documentation of all completed land transactions not yet submitted in prior annual reports.

- Verification that the only relocation work costs charged to ratepayers were credits as described in this Resolution.

- PG&E must verify that CHSRA or its contractors constructed and tied-in all relocated PG&E utility facilities.

Prior to submittal of this advice letter, PG&E consulted Energy Division for guidance on the content of this report.

Report Summary

Pursuant to Ordering Paragraph 4 and Section 14 of Resolution G-3498, the attached report covers cost and status of all relocation work performed for CHSRA from the period ranging from the filing of its Master Agreement, June 13, 2014, through December 31, 2018.

Protests

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than April 22, 2019, which is 20 days after the date of this filing. Protests must be submitted to:

CPUC Energy Division ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

PG&E requests that this Tier 2 advice letter become effective on regular notice, May 2, 2019, which is 30 calendar days after the date of submittal.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter filings can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Erik Jacobson
Director, Regulatory Relations

Attachments

Attachment 1 - Pacific Gas and Electric Company's 2017 Annual Report for Relocation Work Performed for the California High-Speed Rail Authority (CHSRA)

cc: California High-Speed Rail Authority



ADVICE LETTER SUMMARY

ENERGY UTILITY



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

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39M)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Yvonne Yang

Phone #: (415)973-2094

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: Yvonne.Yang@pge.com

EXPLANATION OF UTILITY TYPE

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

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 4084-G/5514-E

Tier Designation: 2

Subject of AL: Annual Report for Relocation Work Performed for the California High-Speed Rail Authority (CHSRA), in Compliance with Resolution G-3498

Keywords (choose from CPUC listing): Compliance

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: Resolution G-3498

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

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

Confidential treatment requested? Yes No

If yes, specification of confidential information:

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

Resolution required? Yes No

Requested effective date: 5/2/19

No. of tariff sheets: N/A

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

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

Tariff schedules affected: N/A

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

¹Discuss in AL if more space is needed.

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

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

Name: Erik Jacobson, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Attachment 1

Pacific Gas and Electric Company's 2018 Annual Report for Relocation Work Performed for the California High-Speed Rail Authority (CHSRA)

April 2, 2019

1. Summary of Annual Report's Purpose

Pursuant to Resolution G-3498, this Annual Report for Relocation Work Performed for the California High-Speed Rail Authority (CHSRA) covers activities related to agreements with CHSRA for utility facility relocation work along the rail corridor right-of-way within PG&E's service area from June 13, 2014 through December 31, 2018.

This report provides the following information:

- Current and known expected filings for CHSRA project relocation work.
- Utility agreements and costs to ratepayers through December 31, 2018 for PG&E's utility relocation work for the CHSRA project.
- Number and types of PG&E utility facilities relocated through December 31, 2018 by utility agreement for the CHSRA project.
- Documentation received for all completed land transactions.
- Verification that the only relocation work costs charged to ratepayers were credits as described in Resolution G-3498.
- Verification that CHSRA constructed and tied-in all relocated PG&E facilities.

2. Summary Tables

The following tables are attached to this report in file 2018 HSR Annual Report Tables.pdf:

- Table A-1: Current and Expected Filings for CHSRA Project Relocation Work
- Table B-1: Utility Agreement and Costs to Ratepayers to Date for PG&E Relocation Work for the CHSRA Project¹
- Table B-2: Number and Types of PG&E Utility Facilities Relocated to Date by Utility Agreement for the CHSRA Project

3. Documentation of all completed land transactions

PG&E has initiated 19 land transactions for the relocation facilities and has received one complete set of required documents from CHSRA, which was provided as part of the 2016 High-Speed Rail Annual Report to the CPUC. Subsequent to the end of the reporting period on December 31, 2018, PG&E received a number of documents related to these transactions and they are currently under review.

¹ PG&E has completed Table B-1 as directed by Energy Division in DR AL 3829-G/5041-E_001. DR AL 3829-G/5041-E_001 was sent to PG&E on April 5, 2017, requesting clarification and corrections to Table B-1 following PG&E's initial submittal of the 2016 High-Speed Rail Annual Report.

4. Verification that the only relocation work costs charged to ratepayers were credits as described in Resolution G-3498.

PG&E has not yet issued depreciation credits and therefore is recovering costs / collecting funds on a forecast basis, as described in Resolution G-3498. PG&E will verify costs were appropriately charged in future years' reports, pending issuance of credits.

Please note that although the following costs are not directly related to relocation work, PG&E has spent \$101,619 in expenses under MWC EW due to an audit by CHSRA of relocation agreements between PG&E and CHSRA during 2017 and 2018.

5. Verification that CHSRA or its contractors constructed and tied-in all relocated PG&E utility facilities.

CHSRA and their design-build contractors completed all PG&E utility relocations and the associated tie-ins to accommodate their project.

Attachments

- 2018 HSR Annual Report Tables.pdf

Table A-1: PG&E Current and Expected Filings for CHSRA Project Relocation Work

Item No.	Filing Number/Type	Agreements Signed	Filing Date / <i>Expected</i>	Description	CHSRA Funding in Filing	Resolution No.
1	AL 3484-G/4443-E / Tier 3	4/25/14	6/13/14	Master Relocation Agreement, HSR 13-52	N/A	G-3498
2	Advice 3484-G-A/4443-E-A / Tier 3	12/19/14	12/22/15	Master Relocation Agreement (Amendment 1), HSR 13-52	N/A	G-3498
3	Advice 3484-G-B/4443-E-B / Tier 3	2/18/16	4/01/16	Master Relocation Agreement (Amendment 2), HSR 13-52	N/A	G-3498
4	Advice 3484-G-A/4443-E-A / Tier 3	12/19/14	12/22/15	Coordination Agreement, HSR 14-49	\$ 1,500,000	G-3498
5	Advice 3484-G-A/4443-E-A / Tier 3	6/30/15	12/22/15	Coordination Agreement (Amendment 1), HSR 14-49	\$ 500,000	G-3498
6	Advice 3794-G/4986-E / Tier 3	9/29/16	12/23/16	Coordination Agreement (Amendment 2), HSR 14-49	\$ 1,000,000	N/A
7	Advice 3484-G-A/4443-E-A / Tier 3	8/31/15	12/22/15	Utility Agreement for Construction Package 1, HSR 15-36	\$ 27,000,000	G-3498
8	Advice 3794-G/4986-E / Tier 3	9/28/16	12/23/16	Utility Agreement for Construction Package 1 (Amendment 1), HSR 15-36	N/A	N/A
9	Advice 3794-G/4986-E / Tier 2	7/13/16	12/23/16	Utility Agreement for Construction Package 2-3, HSR 13-57	\$ 37,500,000	N/A
10	Advice 3829-G/5041-E / Tier 2	N/A	4/03/17	Annual compliance filing throughout construction	N/A	N/A
11	N/A / Information-Only	2/23/2017	12/27/17	Utility Agreement for Construction Package 4, HSR 14-32	\$ 15,560,000	N/A
12	Advice 3962-G / 5265-E / Tier 2	N/A	4/02/18	Annual compliance filing throughout construction	N/A	TBD
13	N/A / Information-Only	1/18/2018	5/02/18	Valley-to-Valley Coordination Agreement, 16-81	\$ 2,000,000	N/A
14	N/A / Information-Only	10/16/18	12/17/18	City of Fresno Coordination Agreement	\$ 415,000	N/A
15	Advice 4084-G/5514-E / Tier 2	N/A	4/02/19	Annual compliance filing throughout construction	N/A	N/A
16	N/A / Information-Only	TBD	6/30/19	<i>Utility Agreement for Construction Package 1, HSR 15-36 (Amendment 1)</i>	TBD	G-3498
17	Annual Reports / Tier 2	N/A	4/1 annually until project completion (next business day if 4/1 lands on holiday/weekend)	Annual compliance filing throughout construction	N/A	TBD

Key: AL = Advice Letter, CHSRA = California High-Speed Rail Authority, HSR = High-Speed Rail
Italics = Future filings

Table B-1a: Utility Agreements and Costs to Ratepayers to Date for PG&E Utility Relocation Work for the CHSRA Project

Item	Master Agreement/ Utility Agreement	Filing Number; Filing Date	HSR Project Segment (Construction Package No.)	Agreement Value (millions)	Cost to CHSRA (millions)	Cost to Ratepayers (Credits in millions)	Cost in Rate Case (Case Year) (millions)	Property Transaction Completion Status	Completion Date (All Property Transactions)	Comments
1	HSR 13-52	Advice 3484-G/4443-E; June 13, 2014	Master Relocation Agreement	\$0.00	N/A	N/A	N/A	N/A	N/A	Master Relocation Agreement governing relationship between PG&E and CHSRA
2		Advice 3484-G-A/4443-E-A; December 22, 2015	Supplement 1 to Master Relocation Agreement	\$0.00						
3		Advice 3484-G-B/4443-E-B; April 1, 2016	Supplement 2 to Master Relocation Agreement	\$0.00						
4	HSR 13-57	Advice 3794-G/4986-E; December 23, 2016	Construction Package 2-3	\$37.50	\$4.64	\$0.00	See Notes	0 complete of undetermined total amount	July 31, 2019	a. Cost to CHSRA - Amount billed to agreement as of December 31, 2018 b. Property Transaction Completion Status: Total number of property transactions are undetermined. c. Completion Date: End date of Agreement
5	HSR 14-49	Advice 3484-G-A/4443-E-A; December 22, 2015	Coordination Agreement	\$1.50	\$1.84	\$0.00	See Notes	N/A	N/A	a. Cost to CHSRA - Amount billed to agreement as of December 31, 2018 b. Property Transaction Completion Status: No property transactions will be completed as this is a coordination agreement. c. Completion Date: End date of Agreement
6		Advice 3484-G-A/4443-E-A; December 22, 2015	Coordination Agreement (Amendment 1)	\$0.50						
7		Advice 3794-G/4986-E; December 23, 2016	Coordination Agreement (Amendment 2)	\$1.00						
8	HSR 15-36	Advice 3484-G-A/4443-E-A; December 22, 2015	Construction Package 1	\$27.00	\$4.24	\$0.00	See Notes	1 complete of undetermined total amount	June 30, 2019	a. Cost to CHSRA - Amount billed to agreement as of December 31, 2018 b. Property Transaction Completion Status: Total number of property transactions to be completed are undetermined. PG&E has completed 17 property transactions, but does not consider the work finalized until documentation has been received. PG&E has received only 1 of 17 expected sets of documents from the California High-Speed Rail Authority and will continue to request the documentation until it is received. c. Completion Date: End date of Agreement
9		Advice 3794-G/4986-E; December 23, 2016	Construction Package 1 (Amendment 1)	\$0.00						
10	HSR 14-32	Information-only filing, December 27, 2017	Construction Package 4	\$15.56	\$0.65	\$0.00	See Notes	0 complete of undetermined total amount	December 31, 2019	a. Cost to CHSRA - Amount billed to agreement as of December 31, 2018 b. Property Transaction Completion Status: Total number of property transactions to be completed are undetermined. c. Completion Date: End date of Agreement
11	HSR 16-81	Information-only filing, May 2, 2018	Valley-to-Valley Coordination Agreement	\$2.00	\$0.00	\$0.00	See Notes	0 complete of undetermined total amount	N/A	a. No costs were billed to CHSRA. b. Agreement expired on September 1, 2018.
12	N/A	Information-only filing, December 17, 2018	City of Fresno Coordination Agreement	\$0.42	\$0.00	\$0.00	See Notes	0 complete of undetermined total amount	N/A	a. No costs were billed to CHSRA. Please note that PG&E bills Fresno City and Fresno City in turns bills CHSRA. Similarly, credits will be issued to Fresno City and Fresno City credits CHSRA. b. Property Transaction Completion Status: Total number of property transactions to be completed are undetermined. c. Completion Date: End date of Agreement
13	Totals	-	-	\$85.48	\$11.37	\$0.00	-	1 complete of undetermined total amount	-	

Table B-1b: Rate Case Filings for PG&E Utility Relocation Work for the CHSRA Project

Rate Case	ALL WRO (Work Requested by Others)	CHSRA Relocation Work	CHSRA Interconnection Work	Notes
2014 GRC ED (Authorized)	\$281,000,000	\$20,000,000		
2014 GRC GD (Authorized)	\$143,000,000	\$13,000,000		
2015 GT&S (Authorized)	\$71,313,000	\$0		Of the \$79.09 million that was originally requested for all WRO work, \$26.6 million was allotted for CHSRA for years 2015-2017 (note: CPUC decision extended rate case to 2018, using 2017 values). The authorized amount was reduced by \$7.78 million of the full requested amount. PG&E notes that CHSRA reimburses PG&E for all HSR work so the funds allocated for CHSRA were ultimately used in other ways.
2017 GRC ED (Authorized)	\$283,000,000	\$16,800,000		
2017 GRC GD (Authorized)	\$2,635,000	\$2,400,000		
2017 FERC TO Case (Requested)	\$168,800,000	\$0	\$19,531,525	
2018 FERC TO Case (Requested)	\$114,100,000	\$27,297	\$20,041,560	
2019 FERC TO Case (Requested)	\$39,800,000	-\$297,974	\$0	
TOTAL (as of 7/3/19)	\$1,103,648,000	\$51,929,323	\$39,573,085	

Footnotes

¹ GRC funding is authorized at the Major Work Category (MWC) level, not the project level. The amounts provided in this column for the reflected authorized amounts at the MWC level for the GRC and all Work Requested by Others (WRO) for the GT&S case. Direction to provide amounts in this manner was provided by Energy Division in DR Advice 3829-G 5041-E_001, following PG&E's submittal of the 2016 High-Speed Rail Annual Report.

² GT&S budget was not used for HSR as CHSRA was responsible for the costs. The requested forecast was only based on historical net spend in WRO, which excludes HSR's payments.

³ No CHSRA work was requested in a FERC rate case prior to the 2017 FERC TO case.

Table B-2: Number and Types of PG&E Utility Facilities Relocated to Date by Utility Agreement for the CHSRA Project

Item	Utility Agreement	Total Number of Facilities Relocated	Electric Distribution Lines (under 50 kV)	Electric Power Lines (50 kV to less than 200kV)	Electric Transmission Lines (200 kV and above)	Gas Distribution Lines	Gas Transmission Lines	Telecommunications Lines	Notes
1.	HSR 15-36	19	11	2	0	6	0	0	
2.	HSR 13-57	0	0	0	0	0	0	0	
3.	HSR 14-32	0	0	0	NA	NA	NA	NA	
	Totals	19	11	2	0	6	0	0	As of 12/31/2018, 19 PG&E facilities have been relocated: 11 electric distribution, 2 electric power, and 6 gas distribution. PG&E does not consider the work finalized until the related land transfer documentation is received and approved. PG&E has received 1 of 19 expected sets of complete documents from the California High-Speed Rail Authority, and will continue to request the full documentation until it is received.

Authority, HSR = High-Speed Rail, kV = kilovolt

**PG&E Gas and Electric
Advice Filing List
General Order 96-B, Section IV**

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	Regulatory & Cogeneration Service, Inc.
	Energy Management Service	SCD Energy Solutions
Alta Power Group, LLC	Evaluation + Strategy for Social	
Anderson & Poole	Innovation	SCE
	GenOn Energy, Inc.	SDG&E and SoCalGas
Atlas ReFuel	Goodin, MacBride, Squeri, Schlotz &	
BART	Ritchie	SPURR
	Green Charge Networks	San Francisco Water Power and Sewer
Barkovich & Yap, Inc.	Green Power Institute	Seattle City Light
P.C. CalCom Solar	Hanna & Morton	Sempra Utilities
California Cotton Ginners & Growers Assn	ICF	Southern California Edison Company
California Energy Commission	International Power Technology	Southern California Gas Company
California Public Utilities Commission	Intestate Gas Services, Inc.	Spark Energy
California State Association of Counties	Kelly Group	Sun Light & Power
Calpine	Ken Bohn Consulting	Sunshine Design
	Keyes & Fox LLP	Tecogen, Inc.
Cameron-Daniel, P.C.	Leviton Manufacturing Co., Inc.	TerraVerde Renewable Partners
Casner, Steve	Linde	Tiger Natural Gas, Inc.
Cenergy Power	Los Angeles County Integrated Waste	
Center for Biological Diversity	Management Task Force	TransCanada
City of Palo Alto	Los Angeles Dept of Water & Power	Troutman Sanders LLP
	MRW & Associates	Utility Cost Management
City of San Jose	Manatt Phelps Phillips	Utility Power Solutions
Clean Power Research	Marin Energy Authority	Utility Specialists
Coast Economic Consulting	McKenzie & Associates	
Commercial Energy	Modesto Irrigation District	Verizon
County of Tehama - Department of Public	Morgan Stanley	Water and Energy Consulting
Works	NLine Energy, Inc.	Wellhead Electric Company
Crossborder Energy	NRG Solar	Western Manufactured Housing
Crown Road Energy, LLC		Communities Association (WMA)
Davis Wright Tremaine LLP		Yep Energy
Day Carter Murphy	Office of Ratepayer Advocates	
	OnGrid Solar	
Dept of General Services	Pacific Gas and Electric Company	
Don Pickett & Associates, Inc.		
Douglass & Liddell		