

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

Order Instituting Rulemaking to Develop a
Successor to Existing Net Energy Metering
Tariffs Pursuant to Public Utilities Code
Section 2827.1, and to Address Other Issues
Related to Net Energy Metering.

Rulemaking 14-07-002
(Filed July 10, 2014)

And Related Matter.

Application 16-07-015

**JOINT SEMI-ANNUAL ADMINISTRATIVE EXPENSE REPORT FOR SOMAH ON
BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E) SOUTHERN
CALIFORNIA EDISON COMPANY (U 338-E), PACIFIC GAS AND ELECTRIC
COMPANY (U 39 E), PACIFICORP (U 901 E), AND LIBERTY UTILITIES
(CALPECO ELECTRIC) LLC (U 993 E)**

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January 21, 2020

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COMPANY (U 39 E), PACIFICORP (U 901 E), AND LIBERTY UTILITIES
(CALPECO ELECTRIC) LLC (U 993 E)**

Pursuant to Ordering Paragraph 3 of Decision (D.)19-03-015, San Diego Gas & Electric Company (SDG&E) hereby files this Joint Semi-annual Administrative Expense Report for the Solar on Multifamily Affordable Housing (SOMAH) Program on behalf of SDG&E, Southern California Edison Company (SCE), Pacific Gas and Electric Company, PacifiCorp, and Liberty Utilities (CalPeco Electric) LLC, (IOUs) (the report is appended as Attachment A).¹

This second edition of the SOMAH Semi-annual Administrative Expense Report (SOMAH Report) captures administrative expenses from July 1, 2019 through December 31, 2019 (Reporting Period). The SOMAH Report also provides details on the projected administrative costs for the period January 1, 2020 through June 30, 2020.

¹ In accordance with Rule 1.8(d), SDG&E confirms that Southern California Edison Company, Pacific Gas and Electric Company, PacifiCorp, and Liberty utilities (CalPeco Electric) LLC have authorized SDG&E to file this Joint Report on their behalf.

The SOMAH Report was prepared jointly and is being filed on behalf of SDG&E, Southern California Edison Company, Pacific Gas and Electric Company, PacifiCorp, and Liberty Utilities (CalPeco Electric) LLC.

Respectfully submitted,

/s/ E. Gregory Barnes

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REVISED TEMPLATE

**Solar on Multifamily Affordable Housing (SOMAH)
Utility Semi-annual Administrative Expense Report
January 21, 2020**

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Foreword

The Solar on Multifamily Affordable Housing Program Utility Semi-annual Administrative Expense Reports and Forecast

San Diego Gas and Electric (SDG&E), submits this Semi-annual Administrative Expense Report for the Solar on Multifamily Affordable Housing (SOMAH) Program (SOMAH or Program), in compliance with California Public Utilities Commission (CPUC or Commission) Decision (D.)19-03-015, which requires the California Investor Owned Utilities (IOUs)¹ to submit joint semi-annual administrative expense reports to the Rulemaking (R.)14-07-002 service list.

This second edition of the SOMAH Semi-annual Administrative Expense Report (SOMAH Report) captures administrative expenses from July 1, 2019 through December 31, 2019 (Reporting Period). The SOMAH Report also provides details on the IOUs' projected administrative costs for the period January 1, 2020 through June 30, 2020.

Cumulative Total IOU Administrative Expenses

SOMAH Program Table 7 - Total IOU SOMAH Program Administration Expenses to Date	
Cumulative totals for all 5 IOUs	
Through December 31, 2019	
Utility	Total SOMAH IOU Program Administration Expenses (to date)
1. Pacific Gas and Electric Company	\$ 156,573 ²
2. Southern California Edison	\$ 149,786
3. San Diego Gas & Electric Company	\$ 1,065,761
4. PacifiCorp Company	\$ 50,237
5. Liberty Utilities Company	\$ 1,168
All IOU Administrative Costs TOTAL (Sum of [1]-[5])	\$ 1,423,525

Previous Six Months of IOU Administrative Expenses (Each IOU)

This is the second semi-annual SOMAH Report for the SOMAH program. The narrative incorporates activities which occurred from program inception, July 1, 2019, through December 31, 2019.

As of December 31, 2019, the IOUs recorded a combined total of \$1,423,525 in Administrative costs, as reflected in Table 7 above **Total IOU SOMAH Program Administration Expenses to Date**.

Regulatory Compliance [6]:

SDG&E - SDG&E charged \$8,279 to the SOMAH balancing account for the compliance staff support during the Reporting Period. As is SDG&E's practice, policy/compliance staff are funded by individual programs and not through any other sources. Regulatory and policy

¹ The Pacific Gas and Electric Company (PG&E), Southern California Edison Company (SCE), San Diego Gas & Electric Company (SDG&E), PacifiCorp Company (PacifiCorp), and Liberty Utilities (CalPeco Electric) LLC (Liberty CalPeco).

² In the previous July 2019 report, PG&E's Program Administration Expenses was incorrectly reported as \$186,075; the amount should have been \$93,038 for the previous reporting period through June 30, 2019.

activities directly related to SOMAH this period included, but were not limited to, activities related to SOMAH issues within SDG&E's ERRA proceeding as well as California Air Resource Board filing input related to reporting how greenhouse gas funds are spent.

SCE - SCE recorded zero dollars to the metric Regulatory Compliance in the Reporting Period.

PG&E - All of PG&E's regulatory compliance work for the SOMAH Program is under the general operation of the business and is not tracked separately or at the program level.

Liberty – Liberty Utilities (CalPeco Electric) LLC (Liberty CalPeco) recorded \$495 in expenses related to regulatory compliance for the Program in the Reporting Period.

PacifiCorp -The \$379 reflected in PacifiCorp's December 31, 2019 Semi-Annual Report represents four (4) hours of internal labor required to prepare the June 30, 2019 Semi-Annual Report.

Program Management Support:

SDG&E – \$23,285 was charged to the Program's balancing account for the staff costs. SDG&E books a percentage of discreet full-time employee time for staff who work on the Program.

Administrative activities include

- Coordination between statewide program stakeholders (PA, IOUs, ED).
- Developing & refining processes for data requests and executing data requests.
- Transitioning a new program advisor to the SOMAH program.
- Processing and tracking incentives and budget.
- Management oversight of SOMAH activities.
- Coordination with internal resources such as interconnection staff, and ERRA forecast witnesses for regulatory inquiries.
- Labor to support internal processes and coordination between multiple SDG&E departments for invoicing, incentive payments, accounting/monthly expenditures, and IT to support the VNEM tariff.

Labor to support setup of internal processes and coordination between multiple SDG&E departments for invoicing, incentive payments, accounting/monthly expenditures, and IT enhancements to support the VNEM tariff.

SCE – SCE recorded \$112,868 during the Recording Period for the following work performed:

- Administrative costs include coordination between the CSE, Energy Division, and other IOUs as needed.
- As the IOU lead, SCE held bi-weekly meetings with Energy Division and the Center for Sustainable Energy (CSE) to discuss program operation status. Regularly discussed invoice submittal and approval dates to ensure timely payments and ensuring CSE is made whole.
- As the IOU lead, SCE prepared and submitted IOU co-funding invoices for reimbursement once approved by ED and paid to CSE. Sent consistent communications following up on payment status to ensure timely payments and ensuring SCE's balancing accounts are accurate and up to date.
- Regularly responded to 39 data requests from CSE regarding customer usage information and returned within desired service level agreement between both parties.

- 116 incentive applications were received, but none have been processed for payment during the Reporting Period.

PG&E – PG&E charged \$3,781,302 to the Balancing Account, in which \$3,717,767 was invoiced by SCE per the Co-funding agreement for PG&E’s share of the Program Administrator’s expenses. PG&E’s internal administrative expenses for the Reporting Period was \$63,535. Administrative costs include coordination between the PA, Energy Division, and other IOUs. Labor also includes developing a process and responding to data requests from CSE, in which a Business Analyst had to manually pull the data for each project. A Product Manager for the SOMAH Data Portal was assigned during this period, and coordination for the development of the portal was initiated with the IT department to begin the project in 2020. No incentive applications have been received to date.

Liberty – The total administrative expenses of \$674 are contributed to program management support. These costs are internal administration labor hours to support collaboration with the PA and the other IOUs. Recorded expenses in the SOMAH Balancing Account include amounts invoiced to Liberty CalPeco by SCE per the Co-funding agreement. Excluding the invoiced amount of \$37,684 results in an amount of \$674 for internal administrative expenses.

PacifiCorp – The \$6,554 reflected in PacifiCorp’s December 31, 2019 Semi-Annual Report represents internal program management support costs, including maintenance of internal processes required to offer the SOMAH program, preparation for and attendance of recurring working group meetings, coordination with the SOMAH PA and ESA agencies on marketing and outreach, and responding to SOMAH PA generated data requests. SOMAH PA generated data requests account for nine and a half (9.5) hours, for which PacifiCorp billed \$901.27.

PacifiCorp has not received any incentive applications. There are no travel expenses associated with this period.

IT / Customer Billing [8]:

SDG&E – \$32,485 was spent during this reporting period on billing system enhancements to conclude SDG&E’s IT project for the SOMAH program and ensure a functional billing system for SOMAH customers / projects.

SCE - SCE recorded zero dollars to the metric IT/Customer Billing in the Reporting Period.

PG&E – PG&E did not record any IT or customer billing costs in the reporting period.

Liberty - Liberty CalPeco recorded zero dollars related to IT or customer billing costs in the Reporting Period.

PacifiCorp – The \$333 reflected in PacifiCorp’s December 31, 2019 Semi-Annual Report represents IT/Customer Billing costs associated with the maintenance of billing processes necessary to implement the VNM components of the SOMAH program.

Forecasted IOU Administrative Expenses (Each IOU)

Regulatory Compliance [6]:

SDG&E - SDG&E expects to spend \$5,750 on policy/compliance activities, including all reporting & regulatory filings.

SCE - SCE does not anticipate costs billed to this category in the next reporting period.

PG&E – All regulatory compliance work for PG&E is under the general operation of the business and is not tracked separately or at the program level. PG&E does not anticipate costs billed to this category in the next reporting period.

Liberty - Liberty Calpeco is forecasting an amount of \$500 for the category of regulatory compliance. This amount is reflective of the incremental costs incurred to prepare the previous semi-annual report.

PacifiCorp – PacifiCorp anticipates that internal labor costs associated with Regulatory Compliance for the first half of 2020 will total approximately \$1,000, reflecting 20 hours of labor. This estimate represents the time that employees will spend in preparing comments on R. 14-07-002, the subsequent Semi-Annual Report, and responding to any ad hoc data requests.

Program Management Support [7]:

SDG&E - SDG&E expects to spend approximately \$21,500 on program support from administrative personnel including a program advisor, data analyst, accountant, and customer programs manager. Administrative tasks are expected to include data request compilation, coordination with statewide stakeholders, incentive processing, tracking monthly & annual expenses, customer enrollment, as well as management oversight.

SCE - SCE anticipates spending \$110,000 in the next reporting period for activities related to Program Management Support. Activities that fall into this category include, but are not limited to, cursory review of completed Incentive Claim Form (ICF) packets submitted for incentive payment, review of PA quarterly advance payment invoice for forecasted administrative work to be performed and providing payment, review of invoices for actual work performed, invoicing other IOUs for reimbursement of their portion of PA administrative costs paid against the co-funding agreement, leading bi-weekly coordination meetings with the PA (ongoing), responding to data requests from both the PA and ED, marketing tied to activities outlined in the approved annual marketing plan, and management of the contract between SCE and the PA.

PG&E – For Q1 and Q2 of 2020, PG&E anticipates spending \$92,336 on program management support activities including review and processing of invoices, project data requests from CSE, and any coordination between internal and/or external parties.

Liberty – Expenses for the category of Program Management Support exclude the administrative costs invoiced to Liberty CalPeco by SCE. Liberty CalPeco is forecasting a similar amount of work to take place during the subsequent reporting period. The total forecasted amount for this category is \$675.

PacifiCorp – PacifiCorp anticipates that internal labor and travel costs associated with Program Management Support for the next reporting period will total approximately \$16,078. This estimate reflects the time that incremental employees will spend in developing the processes necessary to exchange data with the SOMAH PA, coordinate with Energy Savings Assistance (ESA) agencies, interconnect SOMAH projects, and any associated travel required.

IT / Customer Billing [8]:

SDG&E – \$45,000 of billing related expenses is expected for one billing resource for customer allocation setup, maintenance, and monthly billing.

SCE - SCE anticipates spending \$525,000 in the next reporting period for activities in this category; of which an estimated \$500,000 will be used to contract with a third party to develop tools to support the manual calculation and customized spreadsheets for billing, and approximately \$25,000 to support manual processing of customer utility bills for customers who have completed projects in the Program this year. SCE estimates five hundred accounts could be impacted by the end of 2019.

PG&E – In Q1 and Q2 of 2020, PG&E will begin developing a web portal to request energy usage data for SOMAH participating buildings. These data requests will include (but is not limited to): Unique login credentials for the statewide administrator to request and access building energy usage data and service address information. Functionality for energy usage data to be separated for both common area meters and tenant meters. Data requests will include the most recent 36 months of energy usage data, including previous tenant accounts. Requests and the meters associated with the buildings will be tracked internally at PG&E for reporting purposes. As the design of this portal is still under development, additional features may be added or modified.

Liberty – Expenses related to IT and customer billing are dependent on participation in the Program. Liberty CalPeco is not aware of any approved participants for the Reporting Period. Incremental costs for this category may be recorded in future reporting periods.

PacifiCorp – PacifiCorp anticipates that internal labor costs associated with IT/Customer Billing for the first half of 2020 will total approximately \$3,000. This estimate reflects the time that employees will spend maintaining readiness to implement the manual billing processes necessary to provide VNEM credits to tenants of SOMAH participating properties.

REVISED TEMPLATE

Individual IOU Table (Table 1) – SOMAH Program IOU Semi-Annual Administrative Expense Report

SOMAH Program Table 1 - Status of SOMAH Balancing Account Funds			
San Diego Gas & Electric			
July 1 2019 - December 31 2019			
	Prior Amounts Reported[^] In Last Report	Amounts As of Report Date	Forecasted Amounts (Next 6 Months)
Starting Balance			
Starting Balance of the 6-Month Period (including Carryover) [1]	\$ 9,911,193	\$ 19,307,858	
Interest Accrued in this Period [2]	\$ 404,712	\$ 194,216	
Balancing Account Balance at Report Date [3]	\$ 19,307,858	\$ 19,392,687	
Amount of any SOMAH funds filed in ERRRA/ECAC waiting CPUC approval for transfer to Balancing Account [4]	\$ -	\$ -	
Any funds approved in ERRRA/ECAC in this period [5]	\$ 10,115,640	\$ -	
IOU Administrative Costs			
Regulatory Compliance [6]	\$ 76	\$ 8,279	\$ 5,750
Program Management Support [7]	\$ 22,756	\$ 23,285	\$ 21,500
IT / Customer Billing [8]	\$ 978,880	\$ 32,485	\$ 45,000
IOU Administrative Costs TOTAL (Sum of [6] through [8])	\$ 1,001,712	\$ 64,049	\$ 72,250
Non-IOU, Non PA Implementation Costs			
Funds Available to CPUC Energy Division for EM&V [9]	\$ 25,750	\$ 25,750	\$ 25,750
Amount Transferred to CPUC Energy Division for EM&V [10]	\$ -	\$ -	
Ending Balance			
Semi-Annual Ending Balance [11]	\$ 19,307,858	\$ 19,392,687	

[^] Amounts reported in previous Utility Semi-Annual Administrative Expense Report.

[1] Carryover includes unspent/uncommitted funds that have not yet been allocated for or spent and carried over from the previous report period. These can include administrative or incentive funds, or both.

[2] Interest accrued in current reporting period of 6 months.

[3] Total balancing account fund amount includes carryover funds, and any funds not spent. Will not exclude "committed" funds not yet spent.

[4] This field should footnote, when applicable 1) the date of the filed ERRRA/ECAC, 2) expected CPUC Decision date, and 3) the amount to be transferred to the

[5] Include only those SOMAH funds approved in this report period. Transfer date to the balancing account was February 2019.

[6] Compliance Filings Directed by SOMAH Decision(s), Creation of SOMAH Tariff, Ad-hoc Energy Division Data Requests Pertaining to SOMAH

[7] Contract Management (Staffing, Legal Fees, Contract Processing/Support), Incentive Processing, SOMAH PA Data Requests, Working Group Meeting/Meetings with SOMAH PA, Internal Administration.

[8] Operational Billing Activities, Billing System SOMAH Integration, Billing Operations / Ongoing Maintenance, Upfront IT build-out costs, Billing System Integration, System Automation of routine billing for SOMAH VNM, Account set up (Initial and New Party), Manual routine billing, Exception Processing

[9] Individual IOU's projected co-funding contributions to Energy Division's annual budget of \$500,000 for activities related to implementation and oversight of the SOMAH Program

[10] Sum of any invoices paid to Energy Division or for EM&V in the report period. This field should footnote the amount/purpose.

[11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover minus all costs. Is expected to be the basis for the next report's Carryover.

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Individual IOU Table (Table 2) – SOMAH Program IOU Semi-Annual Administrative Expense Report

SOMAH Program Table 2 - Status of SOMAH Balancing Account Funds				
Pacific Gas and Electric				
July 1, 2019 - December 31, 2019				
	Prior Amounts Reported[^] In Last Report	Amounts As of Report Date	Forecasted Amounts (Next 6 Months)	
Starting Balance				
Starting Balance of the 6-Month Period (including Carryover) [1]	\$ 50,477,891	\$ 88,137,517		
Interest Accrued in this Period [2]		\$ 2,409,988		
Balancing Account Balance at Report Date [3]	\$ 88,137,517	\$ 87,933,299		
Amount of any SOMAH funds filed in ERRA/ECAC waiting CPUC approval for transfer to Balancing Account [4]	\$ 41,870,000	\$ 41,329,000		
Any funds approved in ERRA/ECAC in this period [5]	\$ 37,737,000	\$ 1,167,096		
IOU Administrative Costs				
Regulatory Compliance [6]	\$ -	\$ -	\$ -	\$ -
Program Management Support [7]	\$ 77,374	\$ 63,535	\$ 92,336	\$ 92,336
IT / Customer Billing [8]	\$ 15,664	\$ -	\$ 520,000	\$ 520,000
IOU Administrative Costs TOTAL (Sum of [6] through [8])	\$ 93,038	\$ 63,535	\$ 612,336	\$ 612,336
Non-IOU, Non PA Implementation Costs				
Funds Available to CPUC Energy Division for EM&V [9]	\$ 116,375	\$ 116,375	\$ 116,375	\$ 116,375
Amount Transferred to CPUC Energy Division for EM&V [10]	\$ -	\$ -		
Ending Balance				
Semi-Annual Ending Balance [11]*	\$ 88,137,517	\$ 87,933,299		

[^] Amounts reported in previous Utility Semi-Annual Administrative Expense Report.

[1] Carryover includes unspent/uncommitted funds that have not yet been allocated for or spent and carried over from the previous report period. These can include administrative or incentive funds, or both.

[2] Interest accrued in current reporting period of 6 months.

Footnote: Includes all interest accrued since creation of SOMAH Balancing Account (June 2018) to December 2019. PG&E will report on interest accrued in the reporting period going forward.

[3] Total balancing account fund amount includes carryover funds, and any funds not spent. Will not exclude "committed" funds not yet spent.

[4] This field should footnote, when applicable 1) the date of the filed ERRA/ECAC, 2) expected CPUC Decision date, and 3) the amount to be transferred to the SOMAH balancing account when approved by CPUC Decision.

Footnote: This amount is the updated forecasted 2020 SOMAH funding filed in the updated 2020 ERRA on November 8, 2019. The amount reported in the previous report is from the 2020 ERRA filed on June 3, 2019.

[5] Include only those SOMAH funds approved in this report period. This field should footnote the transfer date to the balancing account.

Footnote: The amount includes the true-up of the actual GHG proceeds in 2019 transferred in December 2019.

[6] Compliance Filings Directed by SOMAH Decision(s), Creation of SOMAH Tariff, Ad-hoc Energy Division Data Requests Pertaining to SOMAH

[7] Contract Management (Staffing, Legal Fees, Contract Processing/Support), Incentive Processing, SOMAH PA Data Requests, Working Group Meetings/Meetings with SOMAH PA, Internal Administration

[8] Operational Billing Activities, Billing System SOMAH Integration, Billing Operations / Ongoing Maintenance, Upfront IT build-out costs, Billing System Integration, System Automation of routine billing for SOMAH VNM, Account set up (Initial and New Party), Manual routine billing, Exception Processing

[9] Individual IOU's projected co-funding contributions to Energy Division's annual budget of \$500,000 for activities related to implementation and oversight of the SOMAH Program

[10] Sum of any invoices paid to Energy Division or for EM&V in the report period. This field should footnote the amount/purpose.

[11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover minus all costs. Is expected to be the basis for the next report's Carryover.

Footnote: The IT/Customer Billing work done in the last reporting period was not charged to the SOMAH Balancing Account and is not reflected in this total. The ending balance for this reporting period includes charges of \$3.71M invoiced by SCE on behalf of the Program Administrator for administrative expenses.

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Individual IOU Table (Table 3) – SOMAH Program IOU Semi-Annual Administrative Expense Report

SOMAH Program Table 3 - Status of SOMAH Balancing Account Funds			
Southern California Edison			
July 1 2019 - December 31 2019			
	Prior Amounts Reported [^] In Last Report	Amounts As of Report Date	Forecasted Amounts (Next 6 Months)
Starting Balance			
Starting Balance of the 6-Month Period (including Carryover) [1]	\$ 55,069,433	\$ 48,767,596	
Interest Accrued in this Period [2]	\$ 1,010,038	\$ 850,595	
Balancing Account Balance at Report Date [3]	\$ 48,767,596	\$ 52,192,364	
Amount of any SOMAH funds filed in ERRRA/ECAC waiting CPUC approval for transfer to Balancing Account [4]	\$ -	\$ -	
Any funds approved in ERRRA/ECAC in this period [5]	\$ -	\$ -	
IOU Administrative Costs			
Regulatory Compliance [6]	\$ -	\$ -	\$ -
Program Management Support [7]	\$ 36,919	\$ 112,868	\$ 110,000
IT / Customer Billing [8]	\$ -	\$ -	\$ 525,000
IOU Administrative Costs TOTAL (Sum of [6] through [8])	\$ 36,919	\$ 112,868	\$ 635,000
Non-IOU, Non PA Implementation Costs			
Funds Available to CPUC Energy Division for EM&V [9]	\$ 115,875	\$ 115,875	\$ 115,875
Amount Transferred to CPUC Energy Division for EM&V [10]	\$ -	\$ -	\$ -
Ending Balance			
Semi-Annual Ending Balance [11]	\$ 48,767,596	\$ 52,192,364	

[^] Amounts reported in previous Utility Semi-Annual Administrative Expense Report.

[1] Carryover includes unspent/uncommitted funds that have not yet been allocated for or spent and carried over from the previous report period. These can include administrative or incentive funds, or both.

[2] Interest accrued in current reporting period of 6 months.

[3] Total balancing account fund amount includes carryover funds, and any funds not spent. Will not exclude "committed" funds not yet spent.

[4] This field should footnote, when applicable 1) the date of the filed ERRRA/ECAC, 2) expected CPUC Decision date, and 3) the amount to be transferred to the

[5] Include only those SOMAH funds approved in this report period. This field should footnote the transfer date to the balancing account.

[6] Compliance Filings Directed by SOMAH Decision(s), Creation of SOMAH Tariff, Ad-hoc Energy Division Data Requests Pertaining to SOMAH

[7] Contract Management (Staffing, Legal Fees, Contract Processing/Support), Incentive Processing, SOMAH PA Data Requests, Working Group Meetings/Meetings with SOMAH PA, Internal Administration

[8] Operational Billing Activities, Billing System SOMAH Integration, Billing Operations / Ongoing Maintenance, Upfront IT build-out costs, Billing System Integration, System Automation of routine billing for SOMAH VNM, Account set up (Initial and New Party), Manual routine billing, Exception Processing

[9] Individual IOU's projected co-funding contributions to Energy Division's annual budget of \$500,000 for activities related to implementation and oversight of the SOMAH Program

[10] Sum of any invoices paid to Energy Division or for EM&V in the report period. This field should footnote the amount/purpose.

[11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover minus all costs. Is expected to be the basis for the next report's Carryover.

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Individual IOU Table (Table 4) – SOMAH Program IOU Semi-Annual Administrative Expense Report

SOMAH Program Table 4 - Status of SOMAH Balancing Account Funds			
Liberty Utilities			
July 1 2019 - December 31 2019			
	Prior Amounts Reported [^] In Last Report	Amounts As of Report Date	Forecasted Amounts (Next 6 Months)
Starting Balance			
Starting Balance of the 6-Month Period (including Carryover) [1]	783,861	\$ 783,086	
Interest Accrued in this Period [2]	-	\$ 458	
Balancing Account Balance at Report Date [3]	783,086	\$ 744,691	
Amount of any SOMAH funds filed in ERRA/ECAC waiting CPUC approval for transfer to Balancing Account [4]	466,130	\$ 411,033	
Any funds approved in ERRA/ECAC in this period [5]		NA	
IOU Administrative Costs			
Regulatory Compliance [6]	-	\$ 495	\$ 500
Program Management Support [7]	775	\$ 674	\$ 675
IT / Customer Billing [8]	-	-	-
IOU Administrative Costs TOTAL (Sum of [6] through [8])	775	\$ 1,168	\$ 1,175
Non-IOU, Non PA Implementation Costs			
Funds Available to CPUC Energy Division for EM&V [9]	2,478	\$ 2,055	\$ 2,055
Amount Transferred to CPUC Energy Division for EM&V [10]	-	-	
Ending Balance			
Semi-Annual Ending Balance [11]	783,086	\$ 782,375	

[^] Amounts reported in previous Utility Semi-Annual Administrative Expense Report.

[1] Carryover includes unspent/uncommitted funds that have not yet been allocated for or spent and carried over from the previous report period. These can include administrative or incentive funds, or both.

[2] Interest accrued in current reporting period of 6 months.

[3] Total balancing account fund amount includes carryover funds, and any funds not spent. Will not exclude "committed" funds not yet spent.

[4] This field should footnote, when applicable 1) the date of the filed ERRA/ECAC, 2) expected CPUC Decision date, and 3) the amount to be transferred to the

[5] Include only those SOMAH funds approved in this report period. This field should footnote the transfer date to the balancing account.

[6] Compliance Filings Directed by SOMAH Decision(s), Creation of SOMAH Tariff, Ad-hoc Energy Division Data Requests Pertaining to SOMAH

[7] Contract Management (Staffing, Legal Fees, Contract Processing/Support), Incentive Processing, SOMAH PA Data Requests, Working Group

Meetings/Meetings with SOMAH PA, Internal Administration

[8] Operational Billing Activities, Billing System SOMAH Integration, Billing Operations / Ongoing Maintenance, Upfront IT build-out costs, Billing System

Integration, System Automation of routine billing for SOMAH VNM, Account set up (Initial and New Party), Manual routine billing, Exception Processing

[9] Individual IOU's projected co-funding contributions to Energy Division's annual budget of \$500,000 for activities related to implementation and oversight of the SOMAH Program

[10] Sum of any invoices paid to Energy Division or for EM&V in the report period. This field should footnote the amount/purpose.

[11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover minus all costs. Is expected to be the basis for the next report's Carryover.

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Individual IOU Table (Table 5) – SOMAH Program IOU Semi-Annual Administrative Expense Report

SOMAH Program Table 5 - Status of SOMAH Balancing Account Funds			
PacifiCorp			
July 1 2019 - December 31 2019			
	Prior Amounts Reported [^] In Last Report	Amounts As of Report Date	Forecasted Amounts (Next 6 Months)
Starting Balance			
Starting Balance of the 6-Month Period (including Carryover) [1]	\$ 2,696,305	\$ 3,298,086	
Interest Accrued in this Period [2]	\$ 36,096	\$ 34,775	
Balancing Account Balance at Report Date [3]	\$ 3,298,086	\$ 3,895,652	
Amount of any SOMAH funds filed in ERRA/ECAC waiting CPUC approval for transfer to Balancing Account [4]		\$ 1,267,732	
Any funds approved in ERRA/ECAC in this period [5]			
IOU Administrative Costs			
Regulatory Compliance [6]	\$ -	\$ 379	\$ 1,000
Program Management Support [7]	\$ 29,163	\$ 6,554	\$ 13,954
IT / Customer Billing [8]	\$ 291	\$ 333	\$ 3,000
IOU Administrative Costs TOTAL (Sum of [6] through [8])	\$ 29,454	\$ 7,267	\$ 14,354
Non-IOU, Non PA Implementation Costs			
Funds Available to CPUC Energy Division for EM&V [9]	\$ 10,125	\$ 13,500	\$ 16,875
Amount Transferred to CPUC Energy Division for EM&V [10]	\$ -	\$ -	\$ -
Ending Balance			
Semi-Annual Ending Balance [11]	\$ 3,298,086	\$ 3,895,652	

[^] Amounts reported in previous Utility Semi-Annual Administrative Expense Report.

[1] Carryover includes unspent/uncommitted funds that have not yet been allocated for or spent and carried over from the previous report period. These can include administrative or incentive funds, or both.

[2] Interest accrued in current reporting period of 6 months.

[3] Total balancing account fund amount includes carryover funds, and any funds not spent. Will not exclude "committed" funds not yet spent.

[4] This field should footnote, when applicable 1) the date of the filed ERRA/ECAC, 2) expected CPUC Decision date, and 3) the amount to be transferred to the

[5] Include only those SOMAH funds approved in this report period. This field should footnote the transfer date to the balancing account.

[6] Compliance Filings Directed by SOMAH Decision(s), Creation of SOMAH Tariff, Ad-hoc Energy Division Data Requests Pertaining to SOMAH

[7] Contract Management (Staffing, Legal Fees, Contract Processing/Support), Incentive Processing, SOMAH PA Data Requests, Working Group

Meetings/Meetings with SOMAH PA, Internal Administration

[8] Operational Billing Activities, Billing System SOMAH Integration, Billing Operations / Ongoing Maintenance, Upfront IT build-out costs, Billing System

Integration, System Automation of routine billing for SOMAH VNM, Account set up (Initial and New Party), Manual routine billing, Exception Processing

[9] Individual IOU's projected co-funding contributions to Energy Division's annual budget of \$500,000 for activities related to implementation and oversight of the SOMAH Program

[10] Sum of any invoices paid to Energy Division or for EM&V in the report period. This field should footnote the amount/purpose.

[11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover minus all costs. Is expected to be the basis for the next report's Carryover.

REVISED TEMPLATE

All IOU Table (Table 6) – SOMAH Program IOU Semi-Annual Administrative Expense Report

SOMAH Program Table 6 - Status of SOMAH Balancing Account Funds			
All 5 IOUs			
July 1, 2019 - December 31, 2019			
	Prior Amounts Reported [^] In Last Report	Amounts As of Report Date	Forecasted Amounts (Next 6 Months)
Starting Balance			
Starting Balance of the 6-Month Period (including Carryover) [1]	\$ 118,938,684	\$ 160,294,143	
Interest Accrued in this Period [2]	\$ 1,450,846	\$ 3,490,032	
Balancing Account Balance at Report Date [3]	\$ 160,294,143	\$ 164,158,693	
Amount of any SOMAH funds filed in ERRR/ECAC waiting CPUC approval for transfer to Balancing Account [4]	\$ 42,336,130	\$ 43,007,765	
Any funds approved in ERRR/ECAC in this period [5]	\$ 47,852,640	\$ 1,167,096	
IOU Administrative Costs			
Regulatory Compliance [6]	\$ 76	\$ 9,153	\$ 7,250
Program Management Support [7]	\$ 166,987	\$ 206,915	\$ 238,465
IT / Customer Billing [8]	\$ 994,835	\$ 32,818	\$ 1,093,000
IOU Administrative Costs TOTAL (Sum of [6] through [8])	\$ 1,161,898	\$ 248,886	\$ 1,335,115
Non-IOU, Non PA Implementation Costs			
Funds Available to CPUC Energy Division for EM&V [9]	\$ 270,603	\$ 273,555	\$ 276,930
Amount Transferred to CPUC Energy Division for EM&V [10]	\$ -	\$ -	\$ -
Ending Balance			
Semi-Annual Ending Balance [11]	\$ 160,294,143	\$ 164,196,377	\$ -

[^] Amounts reported in previous Utility Semi-Annual Administrative Expense Report.

[1] Carryover includes unspent/uncommitted funds that have not yet been allocated for or spent and carried over from the previous report period. These can include administrative or incentive funds, or both.

[2] Interest accrued in current reporting period of 6 months.

[3] Total balancing account fund amount includes carryover funds, and any funds not spent. Will not exclude "committed" funds not yet spent.

[4] This field should footnote, when applicable 1) the date of the filed ERRR/ECAC, 2) expected CPUC Decision date, and 3) the amount to be transferred to the

[5] Include only those SOMAH funds approved in this report period. This field should footnote the transfer date to the balancing account.

[6] Compliance Filings Directed by SOMAH Decision(s), Creation of SOMAH Tariff, Ad-hoc Energy Division Data Requests Pertaining to SOMAH

[7] Contract Management (Staffing, Legal Fees, Contract Processing/Support), Incentive Processing, SOMAH PA Data Requests, Working Group Meetings/Meetings with SOMAH PA, Internal Administration

[8] Operational Billing Activities, Billing System SOMAH Integration, Billing Operations / Ongoing Maintenance, Upfront IT build-out costs, Billing System Integration, System Automation of routine billing for SOMAH VNM, Account set up (Initial and New Party), Manual routine billing, Exception Processing

[9] Individual IOU's projected co-funding contributions to Energy Division's annual budget of \$500,000 for activities related to implementation and oversight of the SOMAH Program

[10] Sum of any invoices paid to Energy Division or for EM&V in the report period. This field should footnote the amount/purpose.

[11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover minus all costs. Is expected to be the basis for the next report's Carryover.

Cumulative Costs Table (Table 7) – SOMAH Program IOU Semi-Annual Administrative Expense Report

SOMAH Program Table 7 - Total IOU SOMAH Program Administration Expenses	
Cumulative totals for all 5 IOUs	
Through December 31, 2019	
Utility	Total SOMAH IOU Program Administration Expenses (to date)
Pacific Gas and Electric Company [1]	\$156,573
Southern California Edison [2]	\$149,786
San Diego Gas & Electric Company [3]	\$1,065,761
PacifiCorp Company [4]	\$50,237
Liberty Utilities Company [5]	\$1,168
All IOU Administrative Costs TOTAL (Sum of [1]-[5])	\$1,423,525