

**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
(Filed July 25, 2016)

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

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Dated: January 23, 2023

**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
(Filed July 25, 2016)

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

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

This eighth edition of the SOMAH Semi-annual Administrative Expense Report (SOMAH Report) captures administrative expenses from July 1, 2022 through December 31, 2022 (Reporting Period). The SOMAH Report also provides details on the projected administrative costs for the period January 1, 2023 through June 30, 2023.

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¹ In accordance with Rule 1.8(d), PG&E confirms that CalPeco Electric, PacifiCorp, SDG&E and SCE have authorized PG&E to file this Joint Report on their behalf.

The SOMAH Report was prepared jointly and is being filed on behalf of PG&E, CalPeco Electric LLC, PacifiCorp, SDG&E, and SCE.

Respectfully Submitted,

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Dated: January 23, 2023

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Attachment A

**Solar on Multifamily Affordable Housing (SOMAH)
Utility Semi-annual Administrative Expense Report
January 23, 2023**

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Foreword

The Solar on Multifamily Affordable Housing (SOMAH) Program Utility Semi-annual Administrative Expense Reports

Pacific Gas and Electric (PG&E) submits this Semi-annual Administrative Expense Report for the SOMAH, 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 eighth edition of the SOMAH Semi-annual Administrative Expense Report (SOMAH Report) captures administrative expenses from July 1, 2022, through December 31, 2022 (Reporting Period). The SOMAH Report also provides details on the IOUs' projected administrative costs for the period January 1, 2023, through June 30, 2023.

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, 2022	
Utility	Total SOMAH IOU Program Administration Expenses (to date)
Pacific Gas and Electric Company [1]	\$1,364,791
Southern California Edison [2]	\$1,478,749
San Diego Gas & Electric Company [3]	\$1,399,668
PacifiCorp Company [4]	\$77,906
Liberty Utilities Company [5]	\$15,282
All IOU Administrative Costs TOTAL (Sum of [1]-[5])	\$4,336,395

Previous Six Months of IOU Administrative Expenses (Each IOU)

This is the eighth semi-annual SOMAH Report for the SOMAH program. The narrative incorporates activities which occurred from July 1, 2022, through December 31, 2022.

As of December 31, 2022, the IOU's recorded a combined total of \$4,336,395 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 \$11,831 to the SOMAH balancing account for the policy and compliance staff support during the Reporting Period. As is SDG&E's practice, policy/compliance staff are largely funded by individual programs and not through any other

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

sources.

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

PG&E – PG&E recorded zero dollars to Regulatory Compliance in this reporting period. Any of PG&E's regulatory compliance support work for the SOMAH Program not detailed under Program Management Support is under the general operation of the business and is not tracked separately or at the program level.

Liberty – Liberty recorded \$700 in expenses related to regulatory compliance for the Program in the Reporting Period.

PacifiCorp – PacifiCorp reported zero dollars to regulatory compliance in the Reporting Period.

Program Management Support [7]:

SDG&E – \$49,610 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 may include:

- Coordination between statewide program stakeholders (Program Administrator (PA), IOUs, Energy Division) on SOMAH program activity and proposed changes.
- Refining processes for data requests and executing data requests.
- Processing and tracking administrative costs, incentives, and budget.
- Management oversight of SOMAH activities.
- Coordination with internal resources such as Procurement staff who compile the CARB reports due each June and legal which reviewed the revised incentive contract with Center for Sustainable Energy (CSE).
- Labor to support internal processes and coordination between multiple SDG&E departments for invoicing, incentive payments, accounting/monthly expenditures.
- Labor to support the evaluation, measurement and verification process as the contracting agency.

SCE – SCE recorded \$153,172 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 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 Energy Division 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 data requests from CSE regarding customer usage information and returned within desired service level agreement between both parties.
- Progress and Final incentive requests were verified and processed for payment during the Reporting Period.

PG&E – PG&E's internal administrative expenses for this reporting period were \$16,368.

Administrative tasks include:

- Coordination between the PA, Energy Division, and other IOUs.
- Maintaining the data request web portal and responding to data requests from the PA.
- Financial planning and analysis.
- Reviewing and approving PA administrative invoices from SCE per the co-funding agreement.
- Reviewing and approving SOMAH projects for the full incentive amount or progress payments.
- Reviewing and approving incentive invoices from the PA for payment.
- Responding to data requests from the program evaluator.

Liberty – The total administrative expenses of \$1,282 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 by SCE per the Co-funding agreement. PA administrative expenses are \$8,245 for the reporting period.

PacifiCorp – PacifiCorp recorded \$3,810 of internal program management support costs in the Reporting Period, which includes maintenance of internal processes required to offer the SOMAH program, preparation for and attendance of recurring working group meetings, supporting SOMAH outreach efforts, and ad hoc discussions with the SOMAH PA. There are no travel expenses associated with this period.

IT / Customer Billing [8]:

SDG&E – SDG&E recorded \$22,009 costs to the IT / Customer Billing category during this reporting period. Zero cost were attributed to IT; the \$22,009 was expensed for the following billing related activities:

- Customer VNEM allocation setup
- Maintenance
- Monthly billing

SCE – SCE recorded \$136,973 to the metric IT/Customer Billing during the Reporting Period. Costs are attributed to climate credit calculations needed as part of customer billings.

PG&E – PG&E recorded \$42,174 for maintaining a web portal to request energy usage data for SOMAH participating buildings. Data requests include the most recent 36 months of energy usage data for both common area meters and tenant meters, including previous tenant accounts. Costs for this reporting period include implementing password enhancements, licenses, operation and maintenance expenses, and pulling reports. PG&E did not record any billing costs during this reporting period.

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

PacifiCorp – PacifiCorp did not incur any IT/Customer Billing expenses to report in the Reporting Period.

Forecasted IOU Administrative Expenses (Each IOU)

Regulatory Compliance [6]:

SDG&E – SDG&E expects to spend \$21,000 on policy/compliance activities, including all reporting & regulatory filings and data requests.

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

PG&E – Any regulatory compliance support work not detailed under Program Management Support 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 is forecasting an amount of \$775 for the category of regulatory compliance. This amount is reflective of the incremental costs incurred to prepare the previous semi-annual report and meet other regulatory ad hoc requests pertaining to the SOMAH program.

PacifiCorp – PacifiCorp anticipates that internal labor costs associated with Regulatory Compliance for the first half of 2023 will total approximately \$800, reflecting roughly eight (8) hours of labor. This estimate represents the time that employees will spend in preparing 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 \$50,000 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 \$192,000 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 Energy Division, marketing tied to activities outlined in the approved annual marketing plan, and management of the contract between SCE and the PA.

PG&E – PG&E anticipates spending \$45,000 in the next reporting period on program management support activities, which include reviewing and processing of administrative invoices, reviewing approved SOMAH projects at Incentive Claim stage or Progress Payment, reviewing of incentive invoices for payment approval, responding to any questions or issues from the Program Administrator regarding the web portal tool to request energy usage data, responding to data requests from the program evaluator, 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 by SCE. Liberty is forecasting a similar amount of work to take place during the next reporting period. The total forecasted amount for this category is \$1,005.

PacifiCorp – PacifiCorp anticipates that internal labor costs associated with Program Management Support for the next reporting period will total approximately \$13,554. This estimate reflects the time that incremental employees will spend in maintaining the processes necessary to exchange data with the SOMAH PA, and coordinate with Energy Savings Assistance (ESA) agencies, among other tasks.

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 as projects are finalized.

SCE – SCE anticipates \$143,000 in customer billings costs billed to this category in the next reporting period. Projected costs are attributed to climate credit calculations needed as part of customer billings.

PG&E – PG&E forecasts \$35,000 in expenses related to ongoing operational costs to maintain the web portal to request energy usage data for SOMAH participating buildings. PG&E does not anticipate any billing expenses in the next reporting period.

Liberty – Expenses related to IT and customer billing are dependent on participation in the Program. Liberty has two participants in its service territory. At the time of this report, any expenses in this category for the forecasted reporting period are uncertain. Liberty anticipates incremental costs for this category to be recorded in future reporting periods.

PacifiCorp – PacifiCorp anticipates that internal labor costs associated with IT/Customer Billing for the first half of 2023 will total approximately \$400. 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.

SOMAH Program Table 1 - Status of SOMAH Balancing Account Funds				
Pacific Gas & Electric				
July 1, 2022 - December 31, 2022				
	Prior Amounts Reported In Last Report	Amounts As of Report Date [12]	Forecasted Amounts (Next 6 Months) [13]	
Starting Balance				
A. Starting Balance of the 6-Month Reporting Period (including Carryover) [1]	\$ 184,889,812	\$ 203,364,964		
A1. Starting Sub-Balance of Funds Available to CPUC Energy Division for EM&V (Information Only) [2]	\$ 702,541	\$ 769,511		
Funding				
B. Approved ERRA/ECAC funds transferred in this period [3]	\$ 23,017,753	\$ 23,204,586	\$ 22,788,007	
B1. ERRA/ECAC Budget approved for the current funding year (Information Only) [3A]	\$ 46,222,339	\$ 42,666,696	-	
C. Interest Accrued in this period [4]	\$ 516,727	\$ 3,052,625		
D. Funds Received per IOU Co-funding Agreements or similar [5]	\$ -	\$ -		
E. Total Funds Accrued in the Reporting Period (Sum of B+C+D)	\$ 23,534,481	\$ 26,257,211		
IOU Administrative Costs				
F. Regulatory Compliance [6]	\$ -	\$ -	\$ -	
G. Program Management Support [7]	\$ 31,506	\$ 16,368	\$ 45,000	
H. IT / Customer Billing [8]	\$ 40,762	\$ 42,174	\$ 35,000	
I. IOU Administrative Costs TOTAL (Sum of F+G+H)	\$ 72,268	\$ 58,543	\$ 80,000	
Non-IOU, Non-PA Implementation Cost				
J. EM&V Amount Transferred to or Expended on behalf of CPUC Energy Division, includes Co-funding Agreements for this purpose [9]	\$ -	\$ -		
Non-IOU Incentive and Program Administrative Costs				
K. Amount Transferred for SOMAH Customer Incentive Payments to SOMAH Program Administrator [10]	\$ 3,683,299	\$ 4,108,364		
L. Amount Transferred or Expended for SOMAH Co-funding Agreements for SOMAH Program Administrator (PA) administration [10]	\$ 1,303,761	\$ 827,569		
Ending Balance				
M. Ending Balance in Account Balance at Report Date [11] (Equals A Plus E Minus Sum of I, J, K and L)	\$ 203,364,964	\$ 224,627,700		
M1. Ending Balance of Funds Available to CPUC Energy Division for EM&V [2] (Equals A1 Minus J)	\$ 702,541	\$ 769,511		

Notes, Table 1.2

- [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
- [2] 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. Use the
- [3] For field "B" include only the Individual IOU's SOMAH funds approved and transferred in this report period, note the transfer date(s) and Decision citation(s) in the 'Response to Notes' table
- [3A] Field "B1" each Individual IOU should include the total SOMAH budgeted amount (actual set-aside and true-up amount) to be set-aside for SOMAH during the report's calendar year (Jan -
- [4] Interest accrued in current reporting period of 6 months.
- [5] Lead Individual IOUs for joint contracts invoice the other IOUs for their portion of a contract. Only certain Lead Individual IOUs who are leading contract(s) will complete this line. Each Lead
- [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
- [8] Operational Billing Activities, Billing System SOMAH Integration, Billing Operations / Ongoing Maintenance, Upfront IT build-out costs, Billing System Integration, System Automation of routine
- [9] Sum of any invoices paid to Energy Division or for EM&V on behalf of Energy Division in the report period. Detail the amount/purpose in 'Response to Notes' table below.
- [10] Sum of any invoices paid to SOMAH PA for the purposes of incentive payments (including progress and final payments) and program administrative expenses.
- [11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover and other revenues minus all costs. It is expected to be the basis for the next report's
- [12] If there are cash flows to the SOMAH Balancing Account not captured in this column, Individual IOUs will describe (with dollar amount, date transferred, and purpose) in the 'Response to Notes'
- [13] Forecast amounts should be entered for the cells without color; the grayed out cells do not need to be filled in. If no forecast is provided, explain why in 'Response to Notes' table below.

Response to Notes, Table 1.3 (IOUs will respond to Notes above which require specific information as part of the reporting)

- [3] Response
Per D.22-02-022, a forecasted amount of \$46.41M was directed to be set aside on a quarterly basis in 2022. During the reporting period, \$11.60M was transferred to the SOMAHBA in July 2022 and \$11.60M in October 2022. Per D.22-12-044, a forecasted amount of \$39.76M is to be set aside in 2023 and a true-up of \$2.91M for 2021. PG&E expects to transfer \$12.85M in January 2023 and \$9.94M in April 2023.
- [3A] Response
D.22-12-044 (issued December 10, 2022) approved the 2023 forecasted SOMAH set aside of \$39.76M and the 2021 true-up of \$2.91M.
- [5] Response
PG&E does not lead any co-funding agreements for the SOMAH program.
- [9] Response
PG&E has not received any invoices for EM&V as of this report date.
- [12] Response
N/A
- [13] Response
N/A

SOMAH Program Table 2 - Status of SOMAH Balancing Account Funds			
Southern California Edison			
July 1, 2022 - December 31, 2022			
	Prior Amounts Reported In Last Report	Amounts As of Report Date [12]	Forecasted Amounts (Next 6 Months) [13]
Starting Balance			
A. Starting Balance of the 6-Month Reporting Period (including Carryover) [1]	\$ 212,691,459	\$ 279,437,459	
A1. Starting Sub-Balance of Funds Available to CPUC Energy Division for EM&V (Information Only) [2]		\$ 698,340	
Funding			
B. Approved ERRA/ECAC funds transferred in this period [3]	\$ 73,364,433		
B1. ERRA/ECAC Budget approved for the current funding year (Information Only) [3A]	\$ 65,073,000		
C. Interest Accrued in this period [4]	\$ 719,563	\$ 3,971,977	
D. Funds Received per IOU Co-funding Agreements or similar [5]			
E. Total Funds Accrued in the Reporting Period (Sum of B+C+D)	\$ 74,083,996	\$ 3,971,977	
IOU Administrative Costs			
F. Regulatory Compliance [6]			
G. Program Management Support [7]	\$ 109,863	\$ 153,172	\$ 192,000
H. IT / Customer Billing [8]	\$ 10,207	\$ 136,973	\$ 142,452
I. IOU Administrative Costs TOTAL (Sum of F+G+H)	\$ 120,070	\$ 290,145	\$ 334,452
Non-IOU, Non-PA Implementation Cost			
J. EM&V Amount Transferred to or Expended on behalf of CPUC Energy Division, includes Co-funding Agreements for this purpose [9]			
Non-IOU Incentive and Program Administrative Costs			
K. Amount Transferred for SOMAH Customer Incentive Payments to SOMAH Program Administrator [10]	\$ 5,397,846	\$ 6,339,808	
L. Amount Transferred or Expended for SOMAH Co-funding Agreements for SOMAH Program Administrator (PA) administration [10]	\$ 1,820,081	\$ 2,166,609	
Ending Balance			
M. Ending Balance in Account Balance at Report Date [11] (Equals A Plus E Minus Sum of I, J, K and L)	\$ 279,437,459	\$ 274,612,873	
M1. Ending Balance of Funds Available to CPUC Energy Division for EM&V [2] (Equals A1 Minus J)	\$ -	\$ 698,340	

Notes, Table 2.2

[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

[2] 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. Use the

[3] For field "B" include only the Individual IOU's SOMAH funds approved and transferred in this report period, note the transfer date(s) and Decision citation(s) in the 'Response to Notes' table

[3A] Field "B1" each Individual IOU should include the total SOMAH budgeted amount (actual set-aside and true-up amount) to be set-aside for SOMAH during the report's calendar year (Jan -

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

[5] Lead Individual IOUs for joint contracts invoice the other IOUs for their portion of a contract. Only certain Lead Individual IOUs who are leading contract(s) will complete this line. Each Lead

[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

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

[9] Sum of any invoices paid to Energy Division or for EM&V on behalf of Energy Division in the report period. Detail the amount/purpose in 'Response to Notes' table below.

[10] Sum of any invoices paid to SOMAH PA for the purposes of incentive payments (including progress and final payments) and program administrative expenses.

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

[12] If there are cash flows to the SOMAH Balancing Account not captured in this column, Individual IOUs will describe (with dollar amount, date transferred, and purpose) in the 'Response to Notes'

[13] Forecast amounts should be entered for the cells without color; the grayed out cells do not need to be filled in. If no forecast is provided, explain why in 'Response to Notes' table below.

Response to Notes, Table 2.3 (IOUs will respond to Notes above which require specific information as part of the reporting)

[3] Response

[3A] Response

[5] Response

[9] Response

[12] Response

[13] Response

SOMAH Program Table 3 - Status of SOMAH Balancing Account Funds			
San Diego Gas & Electric			
July 1, 2022 - December 31, 2022			
	Prior Amounts Reported In Last Report	Amounts As of Report Date [12]	Forecasted Amounts (Next 6 Months) [13]
Starting Balance			
A. Starting Balance of the 6-Month Reporting Period (including Carryover) [1]	\$ 70,904,871	\$ 66,755,694	
A1. Starting Sub-Balance of Funds Available to CPUC Energy Division for EM&V (Information Only) [2]	\$ 245,410	\$ 234,616	
Funding			
B. Approved ERRA/ECAC funds transferred in this period [3]	\$ -	\$ 14,949,939	
B1. ERRA/ECAC Budget approved for the current funding year (Information Only) [3A]	\$ -		
C. Interest Accrued in this period [4]	\$ 175,605	\$ 943,014	
D. Funds Received per IOU Co-funding Agreements or similar [5]	\$ -	\$ -	
E. Total Funds Accrued in the Reporting Period (Sum of B+C+D)	\$ 175,605	\$ 15,892,953	
IOU Administrative Costs			
F. Regulatory Compliance [6]	\$ 19,907	\$ 11,831	\$ 21,000
G. Program Management Support [7]	\$ 39,053	\$ 49,610	\$ 50,000
H. IT / Customer Billing [8]	\$ 14,104	\$ 22,009	\$ 45,000
I. IOU Administrative Costs TOTAL (Sum of F+G+H)	\$ 73,064	\$ 83,450	\$ 116,000
Non-IOU, Non-PA Implementation Cost			
J. EM&V Amount Transferred to or Expended on behalf of CPUC Energy Division, includes Co-funding Agreements for this purpose [9]	\$ 10,794	\$ 54,525	
Non-IOU Incentive and Program Administrative Costs			
K. Amount Transferred for SOMAH Customer Incentive Payments to SOMAH Program Administrator [10]	\$ 3,437,001	\$ 2,556,083	
L. Amount Transferred or Expended for SOMAH Co-funding Agreements for SOMAH Program Administrator (PA) administration [10]	\$ 803,923		
Ending Balance			
M. Ending Balance in Account Balance at Report Date [11] (Equals A Plus E Minus Sum of I, J, K and L)	\$ 66,755,694	\$ 79,954,589	
M1. Ending Balance of Funds Available to CPUC Energy Division for EM&V [2] (Equals A1 Minus J)	\$ 234,616	\$ 180,091	

Notes, Table 3.2

[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

[2] 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. Use the

[3] For field "B" include only the Individual IOU's SOMAH funds approved and transferred in this report period, note the transfer date(s) and Decision citation(s) in the 'Response to Notes' table

[3A] Field "B1" each Individual IOU should include the total SOMAH budgeted amount (actual set-aside and true-up amount) to be set-aside for SOMAH during the report's calendar year (Jan -

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

[5] Lead Individual IOUs for joint contracts invoice the other IOUs for their portion of a contract. Only certain Lead Individual IOUs who are leading contract(s) will complete this line. Each Lead

[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

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

[9] Sum of any invoices paid to Energy Division or for EM&V on behalf of Energy Division in the report period. Detail the amount/purpose in 'Response to Notes' table below.

[10] Sum of any invoices paid to SOMAH PA for the purposes of incentive payments (including progress and final payments) and program administrative expenses.

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

[12] If there are cash flows to the SOMAH Balancing Account not captured in this column, Individual IOUs will describe (with dollar amount, date transferred, and purpose) in the 'Response to Notes'

[13] Forecast amounts should be entered for the cells without color; the grayed out cells do not need to be filled in. If no forecast is provided, explain why in 'Response to Notes' table below.

Response to Notes, Table 3.3 (IOUs will respond to Notes above which require specific information as part of the reporting)

[3] Response

[3A] Response

[5] Response

[9] Response

[12] Response

[13] Response

SOMAH Program Table 4 - Status of SOMAH Balancing Account Funds				
PacifiCorp				
July 1, 2022 - December 31, 2022				
	Prior Amounts Reported In Last Report	Amounts As of Report Date [12]	Forecasted Amounts (Next 6 Months) [13]	
Starting Balance				
A. Starting Balance of the 6-Month Reporting Period (including Carryover) [1]	\$ 6,142,034	\$ 6,949,066		
A1. Starting Sub-Balance of Funds Available to CPUC Energy Division for EM&V (Information Only) [2]	\$ 3,250	\$ 3,250		
Funding				
B. Approved ERRA/ECAC funds transferred in this period [3]	\$ 820,554	\$ 735,761	\$ 895,145	
B1. ERRA/ECAC Budget approved for the current funding year (Information Only) [3A]	\$ 1,353,627	\$ 1,556,315	\$ 895,145	
C. Interest Accrued in this period [4]	\$ 16,905	\$ 119,999		
D. Funds Received per IOU Co-funding Agreements or similar [5]				
E. Total Funds Accrued in the Reporting Period (Sum of B+C+D)	\$ 837,459	\$ 855,760		
IOU Administrative Costs				
F. Regulatory Compliance [6]	\$ -	\$ -	\$ 800	
G. Program Management Support [7]	\$ 4,909	\$ 3,810	\$ 13,554	
H. IT / Customer Billing [8]	\$ -	\$ -	\$ 400	
I. IOU Administrative Costs TOTAL (Sum of F+G+H)	\$ 4,909	\$ 3,810	\$ 14,754	
Non-IOU, Non-PA Implementation Cost				
J. EM&V Amount Transferred to or Expended on behalf of CPUC Energy Division, includes Co-funding Agreements for this purpose [9]	\$ -	\$ -		
Non-IOU Incentive and Program Administrative Costs				
K. Amount Transferred for SOMAH Customer Incentive Payments to SOMAH Program Administrator [10]	\$ -	\$ -		
L. Amount Transferred or Expended for SOMAH Co-funding Agreements for SOMAH Program Administrator (PA) administration [10]	\$ 25,518	\$ 37,290		
Ending Balance				
M. Ending Balance in Account Balance at Report Date [11] (Equals A Plus E Minus Sum of I, J, K and L)	\$ 6,949,066	\$ 7,763,726		
M1. Ending Balance of Funds Available to CPUC Energy Division for EM&V [2] (Equals A1 Minus J)	\$ 3,250	\$ 3,250		

Notes, Table 4.2

[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

[2] 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. Use the

[3] For field "B" include only the Individual IOU's SOMAH funds approved and transferred in this report period, note the transfer date(s) and Decision citation(s) in the 'Response to Notes' table

[3A] Field "B1" each Individual IOU should include the total SOMAH budgeted amount (actual set-aside and true-up amount) to be set-aside for SOMAH during the report's calendar year (Jan -

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

[5] Lead Individual IOUs for joint contracts invoice the other IOUs for their portion of a contract. Only certain Lead Individual IOUs who are leading contract(s) will complete this line. Each Lead

[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

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

[9] Sum of any invoices paid to Energy Division or for EM&V on behalf of Energy Division in the report period. Detail the amount/purpose in 'Response to Notes' table below.

[10] Sum of any invoices paid to SOMAH PA for the purposes of incentive payments (including progress and final payments) and program administrative expenses.

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

[12] If there are cash flows to the SOMAH Balancing Account not captured in this column, Individual IOUs will describe (with dollar amount, date transferred, and purpose) in the 'Response to Notes'

[13] Forecast amounts should be entered for the cells without color; the grayed out cells do not need to be filled in. If no forecast is provided, explain why in 'Response to Notes' table below.

Response to Notes, Table 4.3 (IOUs will respond to Notes above which require specific information as part of the reporting)

[3] Response

A.22-08-001 included a forecast for 2022 Q3 and Q4, see CONF Exhibit 407. Cell D9 - Amount reported here represents actuals based on settlement data. Cell E9 - Forecasted Amounts for Next 6 Months (2023 Q1 and Q2), see A.22-08-001 CONF Exhibit 409. This portion of the application approving was uncontested and the Company is anticipating an order stipulating a settlement for the GHG/SOMAH portion of the application in the coming month.

[3A] Response

Cell D10 represents 2022 actual set asides. Company still awaiting approval of GHG portion of Application 22-08-001 in the next month, which included partial actuals and partial forecast for 2022. Company will true up and request approval of 2022 actuals in August 2023 (2024 ECAC) application. Q1 and Q2 2023 forecast from A.22-08-001, CONF Exhibit 409.

[5] Response

[9] Response

[12] Response

[13] Response

SOMAH Program Table 5 - Status of SOMAH Balancing Account Funds

Liberty Utilities

July 1, 2022 - December 31, 2022

	Prior Amounts Reported In Last Report	Amounts As of Report Date [12]	Forecasted Amounts (Next 6 Months) [13]
Starting Balance			
A. Starting Balance of the 6-Month Reporting Period (including Carryover) [1]	\$ 1,849,411	\$ 1,835,699	
A1. Starting Sub-Balance of Funds Available to CPUC Energy Division for EM&V (Information Only) [2]	\$ 7,274	\$ 8,230	
Funding			
B. Approved ERRA/ECAC funds transferred in this period [3]	\$ -	\$ 446,231	
B1. ERRA/ECAC Budget approved for the current funding year (Information Only) [3A]	\$ 446,231	\$ 332,411	
C. Interest Accrued in this period [4]	\$ 6,153	\$ 35,902	
D. Funds Received per IOU Co-funding Agreements or similar [5]			
E. Total Funds Accrued in the Reporting Period (Sum of B+C+D)	\$ 6,153	\$ 482,133	
IOU Administrative Costs			
F. Regulatory Compliance [6]	\$ 632	\$ 700	\$ 775
G. Program Management Support [7]	\$ 1,634	\$ 1,282	\$ 1,005
H. IT / Customer Billing [8]	\$ -	\$ -	
I. IOU Administrative Costs TOTAL (Sum of F+G+H)	\$ 2,267	\$ 1,981	\$ 1,779
Non-IOU, Non-PA Implementation Cost			
J. EM&V Amount Transferred to or Expended on behalf of CPUC Energy Division, includes Co-funding Agreements for this purpose [9]	\$ -	\$ -	
Non-IOU Incentive and Program Administrative Costs			
K. Amount Transferred for SOMAH Customer Incentive Payments to SOMAH Program Administrator [10]	\$ -	\$ -	
L. Amount Transferred or Expended for SOMAH Co-funding Agreements for SOMAH Program Administrator (PA) administration [10]	\$ 17,599	\$ 8,245	
Ending Balance			
M. Ending Balance in Account Balance at Report Date [11] (Equals A Plus E Minus Sum of I, J, K and L)	\$ 1,835,699	\$ 2,307,606	
M1. Ending Balance of Funds Available to CPUC Energy Division for EM&V [2] (Equals A1 Minus J)	\$ 7,274	\$ 8,230	

Notes, Table 5.2

- [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
- [2] 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. Use the
- [3] For field "B" include only the Individual IOU's SOMAH funds approved and transferred in this report period, note the transfer date(s) and Decision citation(s) in the 'Response to Notes' table
- [3A] Field "B1" each Individual IOU should include the total SOMAH budgeted amount (actual set-aside and true-up amount) to be set-aside for SOMAH during the report's calendar year (Jan -
- [4] Interest accrued in current reporting period of 6 months.
- [5] Lead Individual IOUs for joint contracts invoice the other IOUs for their portion of a contract. Only certain Lead Individual IOUs who are leading contract(s) will complete this line. Each Lead
- [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
- [8] Operational Billing Activities, Billing System SOMAH Integration, Billing Operations / Ongoing Maintenance, Upfront IT build-out costs, Billing System Integration, System Automation of routine
- [9] Sum of any invoices paid to Energy Division or for EM&V on behalf of Energy Division in the report period. Detail the amount/purpose in 'Response to Notes' table below.
- [10] Sum of any invoices paid to SOMAH PA for the purposes of incentive payments (including progress and final payments) and program administrative expenses.
- [11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover and other revenues minus all costs. It is expected to be the basis for the next report's
- [12] If there are cash flows to the SOMAH Balancing Account not captured in this column, Individual IOUs will describe (with dollar amount, date transferred, and purpose) in the 'Response to Notes'
- [13] Forecast amounts should be entered for the cells without color; the grayed out cells do not need to be filled in. If no forecast is provided, explain why in 'Response to Notes' table below.

Response to Notes, Table 5.3 (IOUs will respond to Notes above which require specific information as part of the reporting)

- [3] Response
The transfer date of SOMAH funds approved in D.22-09-013 was September 30, 2022.
- [3A] Response
Liberty's forecast set-aside for 2023 is \$332,411. Per D.22-09-009, the sum of \$399,970.99 and a true-up of \$378,671 (per AL 194-E) minus the SOMAH transfer, \$446,231 (approved in D.22-09-013) equals \$332,410.99. Expressed as: $\$399,970.99 + (\$378,671 - \$446,231) = \$332,410.99$ (rounded to \$332,411).
- [5] Response
- [9] Response
- [12] Response
- [13] Response
Expenses related to IT and customer billing are dependent on participation in the Program. Liberty is aware of two participants in its service territory. At the time of this report, Liberty does not anticipate incurring any expenses in this category for the forecasted reporting period. Incremental costs for this category may be recorded in future reporting periods. Liberty anticipates approval of 2023 ECAC in the July 1-December 31, 2023 reporting period. There are no pending approvals for transfer in the forecasted reporting period. In the event of 2023 ECAC approval during the next six months, Liberty will transfer SOMAH funding accordingly.

SOMAH Program Table 6 - Status of SOMAH Balancing Account Funds			
All 5 IOUs			
Through December 31, 2022			
	Prior Amounts Reported In Last Report	Amounts As of Report Date [12]	Forecasted Amounts (Next 6 Months) [13]
Starting Balance			
A. Starting Balance of the 6-Month Reporting Period (including Carryover) [1]	\$ 476,477,588	\$ 558,342,882	
A1. Starting Sub-Balance of Funds Available to CPUC Energy Division for EM&V (Information Only) [2]	\$ 958,476	\$ 1,713,947	
Funding			
B. Approved ERRR/ECAC funds transferred in this period [3]	\$ 97,202,740	\$ 39,336,517	\$ 23,683,152
B1. ERRR/ECAC Budget approved for the current funding year (Information Only) [3A]	\$ 113,095,197	\$ 44,555,422	\$ 895,145
C. Interest Accrued in this period [4]	\$ 1,434,953	\$ 8,123,517	
D. Funds Received per IOU Co-funding Agreements or similar [5]	\$ -	\$ -	
E. Total Funds Accrued in the Reporting Period (Sum of B+C+D)	\$ 98,637,694	\$ 47,460,034	
IOU Administrative Costs			
F. Regulatory Compliance [6]	\$ 20,539	\$ 12,531	\$ 22,575
G. Program Management Support [7]	\$ 186,965	\$ 224,241	\$ 301,559
H. IT / Customer Billing [8]	\$ 65,073	\$ 201,156	\$ 222,852
I. IOU Administrative Costs TOTAL (Sum of F+G+H)	\$ 272,577	\$ 437,929	\$ 546,985
Non-IOU, Non-PA Implementation Cost			
J. EM&V Amount Transferred to or Expended on behalf of CPUC Energy Division, includes Co-funding Agreements for this purpose [9]	\$ 10,794	\$ 54,525	
Non-IOU Incentive and Program Administrative Costs			
K. Amount Transferred for SOMAH Customer Incentive Payments to SOMAH Program Administrator [10]	\$ 12,518,146	\$ 13,004,255	
L. Amount Transferred or Expended for SOMAH Co-funding Agreements for SOMAH Program Administrator (PA) administration [10]	\$ 3,970,883	\$ 3,039,713	
Ending Balance			
M. Ending Balance in Account Balance at Report Date [11] (Equals A Plus E Minus Sum of I, J, K and L)	\$ 558,342,882	\$ 589,266,494	
M1. Ending Balance of Funds Available to CPUC Energy Division for EM&V [2] (Equals A1 Minus J)	\$ 947,681	\$ 1,659,422	
Notes, Table 6.2			
[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] 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. Use the formula from D.17-12-022, page 36, to determine each IOU's proportion of the total. Per D.17-12-022 OP 14, modified by D.19-03-15, Energy Division's EMV budget comes from the administrative budget and subject to those same rules.			
[3] For field "B" include only the Individual IOU's SOMAH funds approved and transferred in this report period, note the transfer date(s) and Decision citation(s) in the 'Response to Notes' table below (per Individual IOU). This is inclusive of all SOMAH funds to be transferred, including SOMAH Actual Set-Aside and any Prior Year True-Up Amounts.			
[3A] Field "B1" each Individual IOU should include the total SOMAH budgeted amount (actual set-aside and true-up amount) to be set-aside for SOMAH during the report's calendar year (Jan - Dec) and is for informational purposes only. Each Individual IOU in the "Response to Notes" table, list 1) the ERRR/ECAC decision or application and 2) expected CPUC Decision date (if not yet approved). This is not added to the "Ending Balance" and is for information only. Each Individual IOU in the July Report submission, the "Forecasted Amounts" (Excel Column E) should capture the next year's SOMAH Budget request and provide the ERRR/ECAC application number in the 'Response to Notes' table below. If the Individual IOU's ERRR/ECAC Application has not been submitted by the July report submittal date, leave "Forecasted Amounts" (Excel Column E) empty.			
[4] Interest accrued in current reporting period of 6 months.			
[5] Lead Individual IOUs for joint contracts invoice the other IOUs for their portion of a contract. Only certain Lead Individual IOUs who are leading contract(s) will complete this line. Each Lead Individual IOU shall list in the 'Response to Notes' table all contract(s) with total budgeted dollar amount(s), start/end dates, and purpose(s). If Lead Individual IOU has a separate balancing account, then indicate that in 'Response To Notes' table, along with basic contract information (total budgeted dollar amount, start/end dates, and purpose) and do not enter a value in Excel Columns C or D in 'SOMAH Program' Table 1.			
[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 VNEM, Account set up (Initial and New Party), Manual routine billing, Exception Processing			
[9] Sum of any invoices paid to Energy Division or for EM&V on behalf of Energy Division in the report period. Detail the amount/purpose in 'Response to Notes' table below.			
[10] Sum of any invoices paid to SOMAH PA for the purposes of incentive payments (including progress and final payments) and program administrative expenses.			
[11] Semi-Annual Ending Balance is the total of the Starting Balance of the 6-month Period including Carryover and other revenues minus all costs. It is expected to be the basis for the next report's Carryover.			
[12] If there are cash flows to the SOMAH Balancing Account not captured in this column, Individual IOUs will describe (with dollar amount, date transferred, and purpose) in the 'Response to Notes' table below.			
[13] Forecast amounts should be entered for the cells without color; the grayed out cells do not need to be filled in. If no forecast is provided, explain why in 'Response to Notes' table below.			
New Template Issued December 2021			

SOMAH Program Table 7 - Total IOU SOMAH Program Administration Expenses to Date	
Cumulative totals for all 5 IOUs	
Through December 31, 2022	
Utility	Total SOMAH IOU Program Administration Expenses (to date)
Pacific Gas and Electric Company [1]	\$ 1,364,791
Southern California Edison [2]	\$ 1,478,749
San Diego Gas & Electric Company [3]	\$ 1,399,668
PacifiCorp Company [4]	\$ 77,906
Liberty Utilities Company [5]	\$ 15,282
All IOU Administrative Costs TOTAL (Sum of [1]-[5])	\$ 4,336,395
Notes, Table 7.2	
[1] PG&E Notes	
N/A	
[2] SCE Notes	
N/A	
[3] SDG&E Notes	
N/A	
[4] PacifiCorp Notes	
PacifiCorp is correcting its total admin expenses to date in this Semi-annual report due to errors in previous reports of including external admin costs with internal admin costs.	
[5] Liberty Notes	
Liberty is correcting its total admin expenses to date in this Semi-annual report.	
<i>New Template Issued December 2021</i>	