



# ADVICE LETTER SUMMARY

## ENERGY UTILITY



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

Company name/CPUC Utility No.:

Utility type:

☐ ELC      ☐ GAS      ☐ WATER  
☐ PLC      ☐ HEAT

Contact Person:

Phone #:

E-mail:

E-mail Disposition Notice to:

### EXPLANATION OF UTILITY TYPE

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

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #:

Tier Designation:

Subject of AL:

Keywords (choose from CPUC listing):

AL Type: ☐ Monthly ☐ Quarterly ☐ Annual ☐ One-Time ☐ Other:

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

Does AL replace a withdrawn or rejected AL?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

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? ☐ Yes ☐ No

If yes, specification of confidential information:

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

Resolution required? ☐ Yes ☐ No

Requested effective date:

No. of tariff sheets:

Estimated system annual revenue effect (%):

Estimated system average rate effect (%):

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

Tariff schedules affected:

Service affected and changes proposed<sup>1</sup>:

Pending advice letters that revise the same tariff sheets:

<sup>1</sup>Discuss in AL if more space is needed.

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

California Public Utilities Commission  
Energy Division Tariff Unit Email:  
[EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

Contact Name:  
Title:  
Utility/Entity Name:  
  
Telephone (xxx) xxx-xxxx:  
Facsimile (xxx) xxx-xxxx:  
Email:

Contact Name:  
Title:  
Utility/Entity Name:  
  
Telephone (xxx) xxx-xxxx:  
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Email:

CPUC  
Energy Division Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

## ENERGY Advice Letter Keywords

Affiliate	Direct Access	Preliminary Statement
Agreements	Disconnect Service	Procurement
Agriculture	ECAC / Energy Cost Adjustment	Qualifying Facility
Avoided Cost	EOR / Enhanced Oil Recovery	Rebates
Balancing Account	Energy Charge	Refunds
Baseline	Energy Efficiency	Reliability
Bilingual	Establish Service	Re-MAT/Bio-MAT
Billings	Expand Service Area	Revenue Allocation
Bioenergy	Forms	Rule 21
Brokerage Fees	Franchise Fee / User Tax	Rules
CARE	G.O. 131-D	Section 851
CPUC Reimbursement Fee	GRC / General Rate Case	Self Generation
Capacity	Hazardous Waste	Service Area Map
Cogeneration	Increase Rates	Service Outage
Compliance	Interruptible Service	Solar
Conditions of Service	Interutility Transportation	Standby Service
Connection	LIEE / Low-Income Energy Efficiency	Storage
Conservation	LIRA / Low-Income Ratepayer Assistance	Street Lights
Consolidate Tariffs	Late Payment Charge	Surcharges
Contracts	Line Extensions	Tariffs
Core	Memorandum Account	Taxes
Credit	Metered Energy Efficiency	Text Changes
Curtailable Service	Metering	Transformer
Customer Charge	Mobile Home Parks	Transition Cost
Customer Owned Generation	Name Change	Transmission Lines
Decrease Rates	Non-Core	Transportation Electrification
Demand Charge	Non-firm Service Contracts	Transportation Rates
Demand Side Fund	Nuclear	Undergrounding
Demand Side Management	Oil Pipelines	Voltage Discount
Demand Side Response	PBR / Performance Based Ratemaking	Wind Power
Deposits	Portfolio	Withdrawal of Service
Depreciation	Power Lines	



MARIN COUNTY | NAPA COUNTY | UNINCORPORATED CONTRA COSTA COUNTY | UNINCORPORATED SOLANO COUNTY  
BENICIA | CONCORD | DANVILLE | EL CERRITO | FAIRFIELD | LAFAYETTE | MARTINEZ | MORAGA | OAKLEY  
PINOLE | PITTSBURG | PLEASANT HILL | RICHMOND | SAN PABLO | SAN RAMON | VALLEJO | WALNUT CREEK

October 16, 2023

California Public Utilities Commission  
Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue, 4th Floor  
San Francisco, CA 94102-3298

**MCE Advice Letter 70-E**

**RE: Marin Clean Energy's True-Up Advice Letter**

Pursuant to Decision ("D.") 21-05-031, *Assessment of Energy Efficiency Potential and Goals and Modification of Portfolio Approval and Oversight Process*; D.23-06-055 *Decision Authorizing Energy Efficiency Portfolios for 2024-2027 and Business Plans for 2028-2031*; D.23-08-005 *Decision Adopting Energy Efficiency Goals For 2024-2035*; and guidance from the California Public Utilities Commission ("CPUC" or "Commission"), Marin Clean Energy ("MCE") hereby submits its True-Up Advice Letter ("TUAL") to request approval of MCE's proposed energy efficiency ("EE") budget for Program Years ("PY") 2024-2027 as MCE AL 70-E.

**I. TIER DESIGNATION**

This AL has a Tier 2 designation pursuant to Ordering Paragraph ("OP") 13 of D.21-05-031 and OP 35 of D.23-06-055.

**II. EFFECTIVE DATE**

Pursuant to G.O. 96-B, MCE requests that this Tier 2 AL become effective on November 15, 2023, which is 30 calendar days from the date of this filing.

**III. PURPOSE**

MCE requests approval of its proposed EE budget amount of \$76,670,990 for PYs 2024-2027. MCE submits additional details on its EE portfolio consistent with the AL Narrative Template developed by the EE program administrators ("PAs") and approved by Energy Division ("ED") staff.

In addition, MCE submits the following attachments with this TUAL:

- Attachment A: MCE CEDARS Filing Receipts;  
MCE AL 70-E

- Attachment B: MCE Portfolio Administration Costs Spreadsheet; and
- Attachment C: MCE TUAL Excel Tables.

#### IV. **BACKGROUND**

MCE has administered EE funds under California Public Utilities Code (“Code”) Section 381.1(a)-(d) since 2013. On May 20, 2021, the Commission issued D.21-05-031 directing all EE PAs to file new applications in spring of 2022 to request funding for the EE portfolios for PYs 2024-2031. On March 04, 2022, MCE filed its *Application of Marin Clean Energy for Approval of 2024-2031 Energy Efficiency Business Plan and 2024-2027 Energy Efficiency Portfolio Plan* (“MCE Application”) with the Commission pursuant to Article 2 of its Rules of Practice and Procedure, California Public Utilities Code § 381.1 and D. 21-05-031. On July 7th, 2023, the Commission issued D.23-06-055 approving MCE’s Application and requiring the submission of its True-Up AL 60 days following its issuance of the EE Potential and Goals Study Decision. On August 16, 2023, the Commission issued D.23-08-005 Adopting Energy Efficiency Goals for 2024-2035.

##### A. **Regulatory Requirements**

The Commission adopted its TUAL requirement in D.21-05-031 providing that each odd year on September 1, after the EE potential and goals have been adopted by the Commission, each EE PA shall file either a portfolio True-Up<sup>1</sup> or a mid-cycle review<sup>2</sup> Tier 2 AL adjusting portfolio technical inputs and forecasts to account for the changes in EE potential and goals (“P&G”).<sup>3</sup> Specifically, the Decision requires each EE PA’s TUAL must meet the following criteria:

- The PA’s portfolio must meet the Total System Benefit (“TSB”) for the four years,<sup>4</sup> adjusted by the updated TSB for the remaining period of the portfolio;
- The portfolio must meet or exceed a forecasted total resource cost (“TRC”) ratio of 1.0 for the resource acquisition segment of the portfolio (with the exception of regional energy networks (“RENs”));
- The equity and market support segments of the portfolio, combined, must not exceed 30% of the total budget (with the exception of RENs);
- For investor-owned utilities (“IOUs”): the statewide and third-party contribution percentage requirements must be met;
- Include a report on the progress against metrics relevant for each segment of the portfolio.<sup>5</sup>

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<sup>1</sup> Prior to the start of a four-year portfolio.

<sup>2</sup> In year two of a four-year portfolio.

<sup>3</sup> D.21-05-031 at OP 10.

<sup>4</sup> The TSB goals for IOUs are established during the potential and goal-setting process, whereas RENs and CCAs present their TSB goals and savings forecasts in their true-up or mid-cycle advice letter filings. *See* more details in section V.A.1.

<sup>5</sup> *Id.* at 42 - 43.

D.23-06-055 approved EE Applications for PY 2024-2031 and Business Plans for PY 2028-2031 and required the filing of a TUAL incorporating the following updates:

- Guidance in D.21-05-031, such as adjustments to forecasts stemming from updated inputs, including TSB goals, avoided cost calculator (“ACC”) updates, new database for energy efficiency (“DEER”) values, etc.;
- Updated statewide allocations and resulting budgets (within the authorized cap) and savings forecasts;<sup>6</sup>
- Updates or corrections to program segmentation;
- Inclusion of both residential and commercial Market Access Programs (“MAPs”) in the portfolios of non-REN PAs (IOUs plus MCE) with start dates no later than July 1, 2024. In the MCE territory, MCE (as the originator of this program approach) should administer the MAP and not PG&E.<sup>7</sup>

Pursuant to Conclusion of Law (“COL”) 49 and OP 37 of D.23-06-055, MCE submits this TUAL on October 16, 2023, 60 days following the issuance of the EE P&G Study Decision.<sup>8</sup>

## V. DISCUSSION

### A. Portfolio Overview

This section provides an overview of recent decisions made by the CPUC that directly impact MCE’s EE portfolio. Within this context, MCE outlines the specific requirements from each Decision and their impacts on its EE portfolio. The relevant Decisions include:

- D.23-04-035 *Decision Addressing Codes and Standards Subprograms and Budgets and Staff Proposal on Reducing Ratepayer-funded Incentives for Gas Energy Efficiency Measure*;
- D.23-08-005 *Decision Adopting Energy Efficiency Goals for 2024-2035*; and
- D.23-06-055 *Decision Authorizing Energy Efficiency Portfolios for 2024-2027 and Business Plans for 2024-2031*.

Additionally, this section identifies any broader portfolio changes that occurred subsequent to the filing of MCE’s EE Application and prior to this TUAL filing. MCE adjusts its EE portfolio to better align with recent market dynamics and to incorporate lessons learned through program administration since submitting its Application. Lastly, this section discusses the allocation of portfolio administration costs and MCE’s forecast approach process.

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<sup>6</sup> D.23-06-055, Conclusion of Law (“COL”) 6: The IOUs should reflect the updated statewide funding contributions in their 2023 True-Up advice letters.

<sup>7</sup> D.23-06-055 at p.72.

<sup>8</sup> D.23-08-005 from August 16, 2023.

## **Review of Relevant Decisions**

### D.23-04-035 - Development of a Technical Guidance Document

Pursuant to OP 1 of the decision, MCE must participate in the process convened by Energy Division (“ED”) staff to develop a Viable Electric Alternative Technical Guidance Document, as detailed in Section 2 of the decision. However, the stakeholder process to develop this guidance document has not started as of the date of this filing. MCE looks forward to participating in this process.

### D.23-04-035 - Elimination of Incentives for Certain Gas Efficiency Measures

Effective January 1, 2024, ratepayer-funded incentives for gas EE measures will be discontinued unless they are exempt or cost-effective as defined in this Decision.<sup>9</sup> This policy impacts residential and commercial new construction, regardless of existing gas line status, if there is a notable increase in gas usage. The agricultural and industrial sectors are exempt from this policy. Additionally, MCE is required to align their programs and third-party contracts with this policy by October 1, 2023, or within 90 days following the issue date of this decision, whichever is later.<sup>10</sup>

MCE is at the date of this filing in full compliance with this policy. MCE’s EE portfolio does not encompass any new construction programs targeted at the residential or commercial sectors. Additionally, electrification measures and decarbonization efforts will be a significant aspect of MCE’s overarching strategies for its 2024-2031 Business Plan. MCE anticipates that by the end of 2027, electrification measures will produce approximately 10 percent of the TSB accrued from its EE portfolio.

### D.23-04-035 - Development of Submission Deadlines for Measure Packages

OP 2 and 4 of the Decision directed PAs, in consultation and agreement with ED staff, to identify the cost-effectiveness of non-exempt deemed measures within 60 days of the decision's issue date. PAs were also required to develop submission deadlines for measure packages for efficient windows, doors, and other building envelope measures, and seek other exempt measures that do not yet have measure packages or have been sunsetted, for submission in the California electronic Technical Reference Manual (“eTRM”).

MCE actively collaborated with other PAs, including San Diego Gas & Electric Company (“SDG&E”), Pacific Gas and Electric (“PG&E”), Southern California Edison (“SCE”), Southern California Gas (SoCalGas), Bay Area Regional Energy Network (“BayREN”), Southern California Regional Energy Network (“SoCalREN”), Tri-County Regional Energy Network (“3CREN”), and Inland Regional Energy Network (“IREN”) to develop TRCs for non-exempt deemed measures and establish proposed submission deadlines for measure packages related to efficient windows, doors, building envelope measures, and other exempt measures.

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<sup>9</sup> See D.23-04-035 at 8, Section 2 – Framework for Reducing Ratepayer-Funded Incentives for Natural Gas Energy Efficiency Measures.

<sup>10</sup> See D.23-04-035 at OP 3.

During the May 23, 2023, Statewide Monthly Deemed Measure Collaboration meeting, the PAs presented the initial draft of the measure list, selection methodology, and submission deadlines to ED staff. The proposal incorporated feedback received during this meeting.

On June 13, 2023, CPUC staff officially approved the submitted measure package deadlines from the PAs. On the same day, SoCalGas and SDG&E, acting on behalf of all participating PAs, notified the service list about the approval.

#### D.23-04-035 - Updating of Eligible Exempt Measures

Per OP 5, PAs must complete the updating of all eligible exempt measures, extending their effective useful life (“EUL”) to up to 30 years, by no later than January 1, 2024. MCE maintains one CPUC-approved measure package in the California eTRM for Residential Deeply Buried Ducts.<sup>11</sup> MCE is actively reviewing the measure package EUL for a possible extension, if justifiable.

#### D.23-04-035 - Strategy for Promoting Exempt Measures in the Equity Segment

Per OP 6 of the Decision, all PAs must include a comprehensive strategy for promoting and deploying exempt measures in the Equity segment as part of their 2028 EE Applications. This strategy must include a description of targeted outreach, engagement, and pilots to identify and develop solutions for key barriers, education and training/workforce readiness, technical assistance, and other relevant elements.

Over the next few years, MCE will actively engage in the planning and development of the required strategy. MCE will conduct related stakeholder outreach with community-based organizations (“CBOs”) in its service area and engage its Community Power Coalition<sup>12</sup> to prepare for meaningful engagement and strategy development.

#### D.23-08-005 – Goal Setting

D.23-08-005 adopts EE TSB goals for the IOUs. However, a distinct goal-setting process is implemented for non-IOU PAs, allowing them to propose revisions to their TSB goals and savings forecasts in the true-up or mid-cycle ALs.<sup>13</sup> This approach allows for a more tailored and responsive goal-setting process for non-IOU PAs. MCE explains in detail the factors driving the proposed changes to its TSB goals over the four-year period in **Section V. B. 3**.

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<sup>11</sup> [Deeply Buried Ducts, Residential Measure Package](#).

<sup>12</sup> MCE’s Community Power Coalition is a group of organizations that works to address the challenges faced by historically marginalized communities in our service area. Members include the Asian Pacific Environmental Network (“APEN”), Communities for a Better Environment (“CBE”), the Marin Conservation League, Sustainable Rossmoor, Richmond Build, and representatives from several of MCE’s member cities.

<sup>13</sup> See D.21-09-037 at 23.



#### D.23-06-055 - Approval of MCE's EE Application (2024-2027)

D.23-06-055 approved MCE's EE portfolio for PY 2024-2027 with no adjustments to its proposed portfolio budget cap in the amount of \$78,217,316.<sup>14</sup> D.23-06-055 approved all of MCE's proposed programs except for its PeakFLEXmarket program.<sup>15</sup>

#### D.23-06-055 - Denied Funding Request for Peak FLEXmarket Program

In its Application, MCE requested continued funding in the amount of \$26.3 million for its Peak FLEXmarket program for PYs 2024-2027 to support grid reliability. However, the CPUC denied this request noting that the previous EE funding authorized for the program was explicitly for emergency purposes and outside of the EE portfolio.<sup>16</sup> The CPUC further distinguished daily load shifting programs from event-based demand response ("DR") approaches.<sup>17</sup> MCE correspondingly excluded the Peak FLEXmarket program from its EE portfolio for PYs 2024-2027.

#### D.23-06-055 - Meter-Based Methods for New Programs

Per OP 20 of the Decision, PAs are required to use normalized metered energy consumption ("NMEC"), randomized control trials ("RCT"), strategic energy management ("SEM"), or another meter-based savings evaluation method for programs that meet all of the criteria listed below, unless they can justify otherwise in their implementation plans due to feasibility or cost-effectiveness issues.

- New programs approved by this decision launching on or after January 1, 2024, except for third-party programs for which the request for proposals or request for abstracts is issued prior to October 1, 2023;
- Uses a downstream (at the customer site) delivery approach;
- Is a resource acquisition retrofit program;
- Is in the residential or commercial sector; and
- Is eligible to use the NMEC rules (according to the NMEC Rulebook).

MCE's Application already incorporated sufficient meter-based programs to meet the requirements of D.23-06-055. MCE's EE portfolio for PYs 2024-2027 incorporates six meter-based savings programs, as detailed in the table below. MCE does not propose any additional meter-based savings programs at the time of this filing.

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<sup>14</sup> See D.23-06-055, Table 7 at 93.

<sup>15</sup> D.23-06-055, pp. 103 (approving all non-discussed programs), 104-105 (stating general support for Peak FLEXmarket's approach, but failing to authorize additional funding).

<sup>16</sup> See D.23-06-055 at p.104.

<sup>17</sup> D.23-06-055 at pp. 78-79.

*Table 1: MCE Meter-based Savings Programs*

<b>Program ID</b>	<b>Program Name</b>	<b>Delivery Type</b>	<b>Segment</b>	<b>Sector</b>	<b>Launch Year</b>
MCE01c	Multifamily SEM	Downstream	Resource Acquisition	Multifamily	2021
MCE01d	Residential Efficiency Market	Downstream	Resource Acquisition	Single Family/Multifamily	2022
MCE02c	Commercial SEM	Downstream	Resource Acquisition	Commercial	2019
MCE02d	Commercial Efficiency Market	Downstream	Resource Acquisition	Commercial	2022
MCE10c	Industrial SEM	Downstream	Resource Acquisition	Industrial	2019
MCE11c	Agricultural SEM	Downstream	Resource Acquisition	Agricultural	2019

#### D.23-06-055 – Program Segmentation Justification

Per OP 21 of the Decision, PAs are required to provide the “Program Segmentation Justification” template in the form of an Excel spreadsheet on the California Energy Data and Reporting System's (“CEDARS”) “Documents” page. This submission must accompany the PAs’ Quarterly Claims reports for Quarter 2 of 2024. MCE will satisfy the Decision’s requirements by uploading the document to CEDARS along with MCE’s Quarterly Claims report in Q2 2024.

#### D.23-06-055 - Incorporation of Market Access Programs

Per OP 26 of the Decision, IOU PAs and MCE are required to release solicitations using market access methods for residential and commercial opportunities within their regions by July 1, 2024. Additionally, these PAs must outline in their market access Implementation Plans (“IPs”) how these market access options align with their overall EE portfolio.

Prior to this filing, MCE already integrated two MAPs, the Residential Efficiency Market and the Commercial Efficiency Market, into its EE portfolio as shown in **Table 1** above. MCE will update the IPs for its MAPs by January 1, 2024, to demonstrate their alignment with our broader EE portfolio and strategic objectives pursuant to related Commission rules.<sup>18</sup>

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<sup>18</sup> See e.g. CPUC, Implementation Plan Template Guidance, (2020), available at: <https://www.cpuc.ca.gov/-/media/cpuc-website/files/legacyfiles/i/6442466376-implementation-plan-template-may2020.pdf>.

## D.23-06-055 - Funding for Integrated Demand-Side Management (“IDSMD”)

Pursuant to OP 29 of the Decision, PAs may allocate up to 2.5 percent of their total budgets or a minimum of \$4 million, whichever is greater, but not exceeding \$15 million, to IDSMD programs.

The MCE approved budget cap for the 2024-2027 period is \$78,217,316. While 2.5 percent of this amount is approximately \$1,955,433, MCE opted to allocate a fixed amount of \$4 million from its 2024-2027 EE budget to IDSMD program.

### **1. Non-Regulatory Portfolio Changes**

#### Closure of the Home Energy Report (“HER”) Program

MCE launched the HER program in May 2020, with a forecasted 1.57 TRC for year one. However, the program launched at the beginning of a multi-year global pandemic which drastically changes customer behavior and usage patterns and MCE did not reach its savings expectations in the first year. MCE and the program implementer Bidgely expected that the initial savings would differ from forecasts since many MCE customers were spending more time at home consuming more electricity than they had previously during the pandemic.<sup>19</sup> However, when the trend continued over several quarters, Bidgely took additional steps to improve program performance, and make the program more engaging to customers. For example, Bidgely revised the messaging sent to program participants using different terms, targeting messaging to only specific appliances used on a regular basis by MCE’s residential customers, and using different subject-line language to enhance participant interest. Throughout the program, Bidgely solicited and tracked customer satisfaction among participants. Customer satisfaction was typically high, as evidenced by “likes,” “thumbs-up,” and positive survey feedback. Bidgely documented these responses and shared them with MCE in their monthly reports. However, despite program changes and relatively high customer satisfaction, the program did not achieve forecasted energy savings.

After further evaluating program performance and savings calculation methods, and in an additional effort to generate program savings, MCE approved adding participants to the program to reach a large population of MCE’s residential customers. While the program successfully reached a large proportion of MCE’s residential customers, it was not producing enough measurable energy savings to support its designation as a Resource Acquisition Program. In August 2022, due to an extended period with insufficient energy savings, MCE decided to terminate the program.<sup>20</sup> ED issued a disposition accepting closure of the program with an effective date of September 30, 2022.<sup>21</sup>

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<sup>19</sup> CPUC Energy Division, CPUC Workshop on COVID Impacts on Customers in Energy Sectors, (November 12, 2020) agenda available at: <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M349/K929/349929989.PDF>

<sup>20</sup> MCE AL 64-E.

<sup>21</sup> MCE AL 64-E Disposition Letter.

### Budget Reduction in the Residential Efficiency Market Program

Launched in 2022, the Residential Efficiency Market is a population-level NMEC Market Access Program. The program aims to bridge the gap between customer needs and MCE's EE resource requirements by engaging directly with EE providers and contractors, collectively referred to as aggregators. It offers a flexible pathway for aggregators to participate with a large variety of EE measures, encouraging them to develop projects that maximize grid benefits while optimizing EE.

In collaboration with our program implementer Recurve, MCE launched the program with a series of engagements with residential contractors to explain the program's rules, benefits, and potential strategies. Despite promoting the program through various channels and industry events, it faced challenges in recruiting projects.

To understand the barriers faced by aggregators in bringing projects into the program, MCE conducted a contractor survey and gathered feedback through various discussions. The identified barriers were:

- The complexity of energy forecasting for small contractors;
- The difficulty communicating the variable incentive value to customers, which increased risk;
- The challenges in managing the quarterly payment cadence; and
- The competition with more familiar and simpler residential programs like BayREN's Home+ program, which could not be combined with MCE's Residential Efficiency Market program.

As a result of this feedback, MCE modified the program IP for both the Residential and the Commercial Efficiency Markets to include an upfront incentive payment of 20% of the forecasted TSB. Although this modification facilitated the submission of commercial projects, it did not significantly boost residential project submissions.

Furthermore, MCE encouraged the development of a subprogram where larger firms could operate as aggregators, bearing performance incentive risks and assisting with energy forecasting. This strategy, expected to launch by the end of October 2023, aims to encompass the MCE service area and collaborate with other entities like PG&E and Sonoma Clean Power ("SCP").

Reflecting on the challenges encountered, MCE has adjusted the budget forecast for the Residential Efficiency Market to align with the anticipated project volume for 2024 and beyond.

### Expanding Customer Eligibility in MCE's Home Energy Savings ("HES") Program

Since 2022, MCE's HES program has expanded its range of services, incentives, engagement strategies, and customer base, achieving notable success. As initially outlined in MCE's EE application, the program was designed to serve customers exceeding the income thresholds established by the ratepayer-funded Energy Savings Assistance ("ESA") program. More specifically, the program currently serves moderate-income (200-400% federal poverty limit ("FPL")) single-family customers within MCE's service area with no-cost EE upgrades. However,

in an effort to advance energy equity and greater inclusivity, MCE plans to expand eligibility to any customer under 400% FPL starting in 2024, thereby expanding the program to both low-income and moderate-income customers.

The HES program offers a comprehensive package that includes an in-home energy assessment, development of a tailored scope of work, and installation of certain EE measures such as ductwork renovations and sealing. Additionally, a selection of households receives electrification measures, including heat pump heating, ventilation, and air conditioning (“HVAC”) systems and water heaters. To facilitate electrification projects, MCE has effectively utilized additional funding sources for electrification-readiness measures. For instance, recognizing that electric water heaters may require more space compared to their gas counterparts, MCE has secured financial support from non-ratepayer funded sources to offset the costs of expanding spaces to accommodate new water heater installations.

To prioritize equitable service to customers and prevent duplication of programmatic efforts, MCE will revise its HES IP to distinctly outline the differences in offerings between MCE’s HES program and the ESA program. MCE’s objective is to develop a program that is both inclusive and unique, serving a broader segment of low-income customers with a variety of programmatic options without duplicating the efforts of the ESA program.

#### Programs Experiencing a Change in TSB or Budget

PAs received instructions to identify programs that had experienced a 25 percent increase or decrease in TSB and/or budget since the submission of the EE applications in this TUAL. In Attachment C, MCE identified all the programs that exhibited a 25 percent change in TSB and/or budget since the submission of its EE Application and categorized them as follows:

- Budget Increased;
- Budget Decreased;
- TSB Increased;
- TSB Decreased;
- Budget and TSB Increased; and
- Budget and TSB Decreased.

TSB and budget increases can be attributed to the following factors:

- Implementation of non-combustible gas-saving measures, such as improved insulation and the use of pool covers;
- Updates made to reflect the current performance of the programs; and
- An increase in electrification efforts.

Budget and TSB decreases can be attributed to the following factors:

- Changes or expiration of workpaper measures since 2021;
- Updates made to reflect the current performance of the programs;

- Removal of portfolio support costs from program-level budgets; and
- Closure of a program.

More details about the reason considered most indicative of the percentage shift for each program can be found in *Attachment C*.<sup>22</sup>

## 2. Portfolio Administration Costs

Portfolio administration costs are costs under the EE portfolios not directly linked to individual EE programs. The CPUC directed the IOUs in D.23-02-002 to adopt a consistent accounting methodology for handling their portfolio administration costs and to reflect this methodology in their TUALs.<sup>23</sup> Additionally, the IOUs must provide a memorandum to Commission staff to ensure that the CEDARS data specifications align with the new accounting methodology for the 2023 tracking claims.

While the directive applies to the IOUs only, a subgroup was formed under the Reporting and Data Project Coordination Group (“PCG”) comprising of the IOUs, MCE, Tri-County REN, BayREN, and SoCalREN to address these Commission directives. Together, the PAs developed a simplified method to account for portfolio administration costs. The method includes creating a program ID for allocated portfolio administration costs in each segment of the EE portfolio, and assigning these program IDs to a sector named “Portfolio Support” in CEDARS. Allocation is determined by the proportion of each segment’s budget and expenses relative to the overall portfolio, before evaluation, measurement and verification (“EM&V”) and portfolio administration costs are added.

In MCE’s Application, MCE had structured its portfolio administration costs by distributing the costs evenly across each program. MCE now updates its portfolio administration costs in this TUAL to match the new methodology. MCE includes the portfolio administration costs spreadsheet in Attachment B, which determines the exact portfolio Administration cost amount to be allocated to each segment within MCE's EE portfolio.

MCE assigned the following program IDs to the portfolio support sector:

*Table 2: PY 2024 Portfolio Administration Costs*

Program ID	Program Name
MCE101-RA-PS	Resource Portfolio Support
MCE101-Equity-PS	Equity Portfolio Support
MCE101-MS-PS	Market Support Portfolio Support

## 3. Forecast Process Approach

MCE has maintained a consistent framework and approach to budget forecasting as outlined in MCE’s Application. Post-application, MCE made only one adjustment to its marketing budget

<sup>22</sup> Refer to “Tab A1 Program Table, “Notes” column.

<sup>23</sup> See D.23-02-002 at OP 11 and 12.

strategy. MCE expanded its marketing budgets to allocate funds to both equity and non-equity segment programs, indicating a broader focus in its marketing initiatives. Apart from this post-application change in marketing, MCE made no other modifications to its forecasting and budgeting process.

For a more detailed breakdown of MCE's EE forecasting process please refer to Exhibit 2 Chapter 2 of MCE's Application. This exhibit provides a comprehensive overview of the budget framework and forecast approach.

## **B. Summary of Forecasted Portfolio Impacts**

This section provides summary tables aligned with Commission guidance regarding TUAL updates relative to the approved portfolio budgets. MCE also provides explanations for goals and budgets with significant portfolio changes between the submission of MCE's EE Application and the date of the TUAL filing.

### **1. Budget Request**

MCE requests a budget of \$76,670,990 for PYs 2024-2027. MCE's forecasted portfolio budget, as shown in **Table 3**, is below the authorized budget cap in D.23-06-055.<sup>24</sup> The \$23,001,297 allocated to Market Support and Equity represents exactly 30% of the total portfolio budget and maintains a consistent allocation over the four-year period.

Pursuant to Commission rules, unspent and uncommitted funds from one portfolio cycle are used to offset budgets and collections in the following portfolio cycle for all PAs. Specifically, PAs must utilize any unspent and uncommitted funds from prior approved portfolio periods (except those required to be sent to the California Energy Commission according to Assembly Bill 841) to cover budget and collection needs during the 2024-2027 portfolio period.<sup>25</sup> Considering unspent funds from previous years, MCE proposes a PYs 2024-2027 EE portfolio recovery budget of \$64,201,931 as shown in **Table 4**.

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<sup>24</sup> D.23-06-055 at 93.

<sup>25</sup> D.23-06-055, OP 7 at 121.

Table 3: Annual and Cumulative Budget Forecast by Segment

Line	Segment	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	Resource Acquisition	\$12,968,308	\$12,667,443	\$12,544,743	\$12,422,359	\$50,602,854
2	Market Support	\$975,340	\$982,711	\$990,102	\$997,858	\$3,946,010
3	Equity	\$4,919,346	\$4,775,218	\$4,712,055	\$4,648,669	\$19,055,287
4	Codes and Standards	\$0	\$0	\$0	\$0	\$0
5	EM&V (PA and ED)	\$785,958	\$767,724	\$760,287	\$752,870	\$3,066,840
6	<b>Total Budget w/o OBF Loan Pool</b>	<b>\$19,648,951</b>	<b>\$19,193,096</b>	<b>\$19,007,187</b>	<b>\$18,821,757</b>	<b>\$76,670,990</b>
7	Market Support and Equity, percent of Total Budget w/o OBF Loan Pool					30.0%
8	OBF Loan Pool Addition	\$0	\$0	\$0	\$0	\$0
9	<b>Budget excluding Portfolio Oversight</b>	<b>\$19,648,951</b>	<b>\$19,193,096</b>	<b>\$19,007,187</b>	<b>\$18,821,757</b>	<b>\$76,670,990</b>
10	ED Portfolio Oversight	\$0	\$0	\$0	\$0	\$0
11	<b>Total Portfolio Budget w/ ED Portfolio</b>	<b>\$19,648,951</b>	<b>\$19,193,096</b>	<b>\$19,007,187</b>	<b>\$18,821,757</b>	<b>\$76,670,990</b>
12	<b>Approved Budget Cap [1]</b>					<b>\$78,217,316</b>

Table 4: Total Cost Recover Request

Line	Program Administrator	(a) PA Programs	(b) ED Portfolio Oversight	(c) EMV PA	(d) EMV ED	(e) Unspent & Uncommitted Funds for 2024-2027 Offset	(f) Total
1	AL Author PA name - MCE	\$73,604,151	\$0	\$1,226,736	\$1,840,104	(\$12,469,059)	\$64,201,931
7	<b>Total</b>	<b>\$73,604,151</b>	<b>\$0</b>	<b>\$1,226,736</b>	<b>\$1,840,104</b>	<b>(\$12,469,059)</b>	<b>\$64,201,931</b>

## 2. Forecasted Cost-Effectiveness

MCE's portfolio exceeds the forecasted TRC ratio threshold of 1.0 for the Resource Acquisition segment. The TRC ratio for the resource acquisition segment for PYs 2024-2027 is projected at 1.03, with a 4 percent decrease from 1.08, as forecasted in MCE's Application.

Table 5: Portfolio Cost Effectiveness Ratios (PY 2024-2027)

Line			TRC ratio	PAC ratio	RIM ratio
1	Segment	<b>Resource Acquisition</b>	<b>1.03</b>	1.79	1.08
2		Market Support	0.00	0.00	0.00
3		Equity	0.26	0.26	0.27
4		Codes and Standards (C&S)	N/A	N/A	N/A
5	Portfolio	Including C&S	N/A	N/A	N/A
6		Excluding C&S	0.84	1.25	0.88

## 3. Forecasted TSB

A distinct goal-setting process is implemented for non-IOU PAs, allowing them to propose revisions to their TSB goals and savings forecasts in the true-up or mid-cycle advice letters.<sup>26</sup> MCE

<sup>26</sup> See D.21-09-037 at 23.



establishes a TSB goal of \$95,345,418 for PYs 2024-2027 in **Table 6**, Row 5 below. This represents a 43% increase compared to the TSB figure previously proposed in MCE's EE Application. This significant increase is primarily attributed to the Commercial Efficiency Market program's success, which has witnessed a surge in engagement since MCE filed its Application.

Given the early stage of MCE's MAP development, MCE anticipates a substantial influx of projects in PY 2024. The Commercial Efficiency Market program has already experienced a significant growth in 2023 and is anticipated to fully utilize the allocated funds before the end of the year. As marketplace programs persist, an increasing number of aggregators are embracing metered savings for incentive computations, a trend expected to persist into 2024.

*Table 6: Annual and Cumulative TSB Forecast by Segment*

Line	Segment	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	Resource Acquisition	\$22,566,920	\$22,662,424	\$22,770,876	\$22,834,597	<b>\$90,834,817</b>
2	Market Support	\$0	\$0	\$0	\$0	<b>\$0</b>
3	Equity	\$1,034,181	\$1,093,988	\$1,157,605	\$1,224,826	<b>\$4,510,600</b>
4	<b>Total TSB Forecast</b>	<b>\$23,601,101</b>	<b>\$23,756,413</b>	<b>\$23,928,480</b>	<b>\$24,059,424</b>	<b>\$95,345,418</b>
5	CPUC TSB Goal	\$23,601,101	\$23,756,413	\$23,928,480	\$24,059,424	\$95,345,418
6	<i>TSB Forecast / TSB Goal</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>

#### 4. Forecasted Energy Savings

A distinct goal-setting process is implemented for non-IOU PAs, allowing them to propose revisions to their TSB goals and savings forecasts in the true-up or mid-cycle advice letters.<sup>27</sup> MCE establishes an energy savings goal of 118 GWh, 12 MW, and 1 MMThm for PYs 2024-2027, as represented in **Table 7** below. This represents a 23% increase compared to the savings figures previously proposed in MCE's EE Application. This increase is primarily attributed to Commercial Efficiency program as explained in **Section B.3** above.

*Table 7: Annual and Cumulative Savings*

Line	Savings Unit	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	GWh Forecast	<b>29.6</b>	<b>29.6</b>	<b>29.6</b>	<b>29.6</b>	<b>118</b>
2	GWh CPUC Goal [1]	29.6	29.6	29.6	29.6	118.4
3	<i>GWh Forecast/Goal</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>
4	MW Forecast	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>12</b>
5	MW CPUC Goal [1]	3.1	3.1	3.1	3.1	12.4
6	<i>MW Forecast/Goal</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>
7	MMThm Forecast	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>1</b>
8	MMThm CPUC Goal [1]	0.4	0.4	0.4	0.4	1.5
9	<i>MMThm Forecast/Goal</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>

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<sup>27</sup> See D.21-09-037 at 23.

## **VI. ADDITIONAL ENERGY EFFICIENCY PORTFOLIO DETAILS**

### **A. Progress on Common Metrics and Segment Indicators**

As an initial matter, it is essential to distinguish between indicators and metrics in the EE reporting framework. *Indicators* serve as measurable values or characteristics without specific targets. They are typically used as a signal to assess progress. *Metrics* are defined with explicit targets or goals that can be compared over time.

Until the Commission conducts a review to determine the necessity of these metrics, existing metrics remain mandatory. Pursuant to D.18-05-041, MCE has reported on common metrics<sup>28</sup> and their associated targets for all PYs up to 2022 in its EE Annual Report submission.<sup>29</sup> The annual report excel spreadsheet is available on CEDARS, and MCE will continue reporting on these metrics in future EE Annual Reports.<sup>30</sup>

Additionally, D.23-06-055 adopted indicators for the Equity and Market Support segments,<sup>31</sup> postponing the establishment of metrics for these segments until 2025.<sup>32</sup> To bridge the gap until metrics are established, MCE will report on the Equity and Market Support indicators along with the common metrics starting with its 2024 EE Annual Report.

### **B. Request to Open / Significantly Change Programs**

As discussed in section V.A.1 above, MCE's requests the formal approval of its new IDSMM program (ID MCE100) with a \$4 million budget for PYs 2024-2027. MCE will provide more program details once PAs have received additional guidance from ED staff by January 1, 2024 as outlined in D.23-06-055.<sup>33</sup>

### **C. Request for Program Closures**

As explained further in **Section V. A. 2** above, MCE terminated its HER program in August 2022. Consequently, MCE is formally requesting the removal of program ID MCE07 from its TUAL filing.

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<sup>28</sup> Common metrics refer to the portfolio and sector-level metrics adopted in D.18-05-041 attachment A.

<sup>29</sup> See OP 9 of D.18-05-041.

<sup>30</sup> See MCE's latest Annual Report, the 2022 Annual Report Narrative and Excel (including Metrics) at: <https://cedars.sound-data.com/documents/standalone/list/>.

<sup>31</sup> See D.23-06-055 at 59

<sup>32</sup> See D.23-06-055 at OP 25.

<sup>33</sup> See D.23-06-055 at 80.

## D. EM&V

MCE's EM&V budget requests are consistent with the 4 percent EM&V budget cap for the total portfolio budget adopted in D.09-09-047.<sup>34</sup> MCE's EM&V split is requested at 40% to accommodate for the four EM&V studies detailed further below.

*Table 8: Cumulative EM&V Costs*

Line	Budget Category	Expenditures			Cap & Target Performance		
		(a) Non-Third Party Qualifying Costs	(b) Third Party Qualifying Costs	(c) Total Portfolio	(d) Percent of Budget <sup>[6]</sup>	(e) Cap Percentage	(f) Target %
11	<b>EM&amp;V Costs (PA and ED) <sup>[4]</sup></b>	\$ 3,066,840	\$ -	\$ 3,066,840	4.0%	4.0%	
11a	EM&V - PA	\$ 1,226,736		\$ 1,226,736			
11b	EM&V - ED	\$ 1,840,104		\$ 1,840,104			

In Exhibit 2, Chapter 6 of MCE's Application, MCE outlined a comprehensive plan to enhance its EE portfolio through a series of EM&V studies. MCE has scoped four EM&V studies to be completed in the four-year portfolio cycle. These studies are designed to augment the capabilities of data-driven programs and foster the adoption of electrification measures, aligning with the directives of Assembly Bill 802 (Williams, 2015) and Senate Bill 350 (De León, 2105). The proposed studies included two Marketplace studies, a fuel substitution study, and a SEM study. The two Marketplace studies were consolidated into a single two-year evaluation study, and MCE introduced a new study focusing on Low Global Warming Potential ("GWP") Refrigerants. The addition of the new Low GWP Refrigerant Study aligns with the CPUC decision and legislative requirements for Low-GWPs in CPUC's EE programs.<sup>35</sup>

### 1. Low GWP Refrigerant Study

The study will serve as a foundational step towards developing a program that not only aims to reduce greenhouse gas ("GHG") emissions in California, but also fosters the adoption of safer refrigerants in heating and cooling systems. The study intends to investigate the potential of low-GWP refrigerant technologies in MCE's service area. Furthermore, the study aims to identify gaps in workforce knowledge and awareness regarding these refrigerants while analyzing the related market drivers and technologies utilizing low-GWP refrigerants.

### 2. Equitable Electrification

This study will inform MCE's electrification offerings and program community engagement, ensuring that all communities and workers benefit from the transition to electrified buildings. It seeks to pinpoint optimal electrification measures that maximize customer return on investment,

<sup>34</sup> D.09-09-047, OP 50 at 390.

<sup>35</sup> Senate Bill No. 1013 (Lara, 2018); D.21-05-031 at 57, Section 8.1 – Treatment of Refrigerants.

utilize local incentives and regional strategies for program development, and foster equitable and community attuned electrification efforts in underserved communities.

### 3. Marketplace Study

This study aims to evaluate the effectiveness of MCE’s Commercial Efficiency Market and Residential Efficiency Market, which are pay-for-performance EE programs delivered by third-party aggregators. These programs measure performance using NMEC methods. The two-year evaluation will focus on documenting marketplace processes and customer experiences in the first year, followed by an assessment of the aggregator experience and a marketplace savings sensitivity analysis in the second year. The study seeks to understand customer engagement and satisfaction, the mechanisms of transferring incentives to customers, forecasting the TSB of various participation packages, integrating electrification strategies into the marketplace, and enhancing the accuracy and robustness of NMEC savings estimates.

### 4. SEM Light

This study aims to explore the feasibility and structure of a light version of a strategic energy management (“SEM-Light”) program offering targeted at smaller commercial and industrial customers. The primary goals of the research are to design a needs-based SEM-Light program, identify potential participants, estimate the energy value of such a program, and assess realistic participation levels and forms. The research seeks to answer several questions, including the interest level of medium-sized businesses in energy management training and the most effective ways to structure SEM to serve underserved communities.

### E. Cost Recovery

MCE requests PG&E provide the PY 2024-2027 budget request amounts, split into electric and gas budgets, to MCE via quarterly transfers as calculated below. Additionally, MCE requests PG&E transfer a one-time payment of the PY 2024-2027 EM&V budgets as specified below by January 15 of each PY.

*Table 9: 2024 - 2027 Fund Transfers from PG&E to MCE*

<b>Year</b>	<b>Electric Quarterly Transfer</b>	<b>Gas Quarterly Transfer</b>	<b>Quarterly Transfer Subtotal</b>	<b>One-time MCE EM&amp;V Transfer</b>	<b>Annual Total</b>
2024	\$1,150,908	\$447,575	\$1,598,483	\$314,383	\$6,708,317
2025	\$3,316,567	\$1,289,776	\$4,606,343	\$307,090	\$18,732,462
2026	\$3,284,442	\$1,277,283	\$4,561,725	\$304,115	\$18,551,014
2027	\$3,252,400	\$1,264,822	\$4,517,222	\$301,148	\$18,370,034

### F. Miscellaneous Updates

MCE is updating the program ID for its Commercial Equity program from MCE17 to MCE02e. This program ID change will be reflected in CEDARS.

Table 10: 2024 Program ID Change

Program Name	Existing Program ID	New Program ID
Commercial Equity	MCE17	MCE02e

## VII. CONCLUSION

MCE respectfully requests the Commission approve its budget request of \$76,670,990 for its EE portfolio for PYs 2024-2027.

## VIII. NOTICE

MCE served a copy of this AL via email on the official Commission service list for R.13-11-005 and A.22-02-005 et al on October 16, 2023.

For changes to these service lists, please contact the Commission's Process Office at (415) 703-2021 or by electronic mail at [Process\\_Office@cpuc.ca.gov](mailto:Process_Office@cpuc.ca.gov) or MCE Regulatory at [regulatory@mcecleanenergy.org](mailto:regulatory@mcecleanenergy.org).

## IX. PROTESTS

Anyone wishing to protest this advice filing may do so by letter via U.S. Mail, or electronically, any of which must be received no later than 20 days after the date of this advice filing on October 16, 2023. Protests should be mailed to:

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

Copies should also be mailed to the attention of the Director, Energy Division, Room 4004 (same address as above).

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

Wade Stano  
Senior Policy Counsel  
MARIN CLEAN ENERGY  
1125 Tamalpais Avenue  
San Rafael, CA 94901  
Telephone: (415) 464-6024x104  
Email: [wstano@mceCleanEnergy.org](mailto:wstano@mceCleanEnergy.org)

Qua Vallery  
Manager of Regulatory and Reporting  
Marin Clean Energy  
1125 Tamalpais Ave.  
San Rafael, CA 94901  
Phone: (925) 378-6775  
[qvallery@mceCleanEnergy.org](mailto:qvallery@mceCleanEnergy.org)

There are no restrictions on who may file a protest, but the protest shall set forth specifically the grounds upon which it is based and shall be submitted expeditiously.

**X. CORRESPONDENCE**

For questions, please contact Wade Stano at (415) 464-6024x104 or by electronic mail at [wstano@mceCleanEnergy.org](mailto:wstano@mceCleanEnergy.org).

/s/ Wade Stano

Wade Stano  
Senior Policy Counsel  
MARIN CLEAN ENERGY  
1125 Tamalpais Avenue  
San Rafael, CA 94901  
Telephone: (415) 464-6024x104  
Email: [wstano@mceCleanEnergy.org](mailto:wstano@mceCleanEnergy.org)

Appendices

Attachment A: MCE CEDARS Filing Receipts;  
Attachment B: MCE Portfolio Administration Costs Spreadsheet; and  
Attachment C: MCE TUAL Excel Tables.

cc: Service List for R.13-11-005; A.22-02-005 et al.

# **ATTACHMENT A**

## CEDARS FILING SUBMISSION RECEIPT

The MCE portfolio budget filing has been submitted and is now under review. A summary of the budget filing is provided below.

PA: Marin Clean Energy (MCE)

Budget Filing Year: 2024

Submitted: 23:27:36 on 04 Oct 2023

By: Qua Vallery

Advice Letter Number: A.22-03-012

### \* Portfolio Budget Filing Summary \*

- TRC: 0.82
- PAC: 1.21
- TRC (no admin): 1.63
- PAC (no admin): 4.55
- RIM: 0.85
- Budget: \$19,648,951.11
- TotalSystemBenefit: \$23,601,100.91
- ElecBen: \$20,125,150.10
- GasBen: \$3,907,983.56
- OtherBen: \$0.00
- TRCCost: \$29,354,275.34
- PACCost: \$19,895,991.50

### \* Programs Included in the Budget Filing \*

- MCE01: Multifamily Energy Savings
- MCE01c: Multifamily Strategic Energy Management
- MCE01d: Res Marketplace
- MCE02a: Commercial Deemed
- MCE02b: Commercial Custom
- MCE02c: Commercial Strategic Energy Management
- MCE02d: Commercial Marketplace
- MCE02e: Commercial Equity
- MCE08: Single Family Home Energy Savings
- MCE100: Integrated Demand Side Management (IDSM)



- MCE101-Equity-PS: Equity Portfolio Support
- MCE101-MS-PS: Market Support Portfolio Support
- MCE101-RA-PS: Resource Acquisition Portfolio Support
- MCE10a: Industrial Deemed
- MCE10b: Industrial Custom
- MCE10c: Industrial Strategic Energy Management
- MCE11a: Agricultural Deemed
- MCE11b: Agricultural Custom
- MCE11c: Agricultural Strategic Energy Management
- MCE16: Green Workforce Pathways
- MCE97: CPUC EM&V;
- MCE98: MCE EM&V;

## CEDARS FILING SUBMISSION RECEIPT

The MCE portfolio budget filing has been submitted and is now under review. A summary of the budget filing is provided below.

PA: Marin Clean Energy (MCE)

Budget Filing Year: 2025

Submitted: 23:29:27 on 04 Oct 2023

By: Qua Vallery

Advice Letter Number: A.22-03-012

### \* Portfolio Budget Filing Summary \*

- TRC: 0.84
- PAC: 1.24
- TRC (no admin): 1.64
- PAC (no admin): 4.58
- RIM: 0.87
- Budget: \$19,193,095.84
- TotalSystemBenefit: \$23,756,412.62
- ElecBen: \$20,065,828.82
- GasBen: \$4,124,520.99
- OtherBen: \$0.00
- TRCCost: \$28,900,319.48
- PACCost: \$19,442,035.64

### \* Programs Included in the Budget Filing \*

- MCE01: Multifamily Energy Savings
- MCE01c: Multifamily Strategic Energy Management
- MCE01d: Res Marketplace
- MCE02a: Commercial Deemed
- MCE02b: Commercial Custom
- MCE02c: Commercial Strategic Energy Management
- MCE02d: Commercial Marketplace
- MCE02e: Commercial Equity
- MCE08: Single Family Home Energy Savings
- MCE100: Integrated Demand Side Management (IDSM)

- MCE101-Equity-PS: Equity Portfolio Support
- MCE101-MS-PS: Market Support Portfolio Support
- MCE101-RA-PS: Resource Acquisition Portfolio Support
- MCE10a: Industrial Deemed
- MCE10b: Industrial Custom
- MCE10c: Industrial Strategic Energy Management
- MCE11a: Agricultural Deemed
- MCE11b: Agricultural Custom
- MCE11c: Agricultural Strategic Energy Management
- MCE16: Green Workforce Pathways
- MCE97: CPUC EM&V;
- MCE98: MCE EM&V;

## CEDARS FILING SUBMISSION RECEIPT

The MCE portfolio budget filing has been submitted and is now under review. A summary of the budget filing is provided below.

PA: Marin Clean Energy (MCE)

Budget Filing Year: 2026

Submitted: 23:31:49 on 04 Oct 2023

By: Qua Vallery

Advice Letter Number: A.22-03-012

### \* Portfolio Budget Filing Summary \*

- TRC: 0.85
- PAC: 1.27
- TRC (no admin): 1.65
- PAC (no admin): 4.61
- RIM: 0.89
- Budget: \$19,007,186.85
- TotalSystemBenefit: \$23,928,480.40
- ElecBen: \$20,011,026.37
- GasBen: \$4,353,927.56
- OtherBen: \$0.00
- TRCCost: \$28,716,940.65
- PACCost: \$19,258,656.81

### \* Programs Included in the Budget Filing \*

- MCE01: Multifamily Energy Savings
- MCE01c: Multifamily Strategic Energy Management
- MCE01d: Res Marketplace
- MCE02a: Commercial Deemed
- MCE02b: Commercial Custom
- MCE02c: Commercial Strategic Energy Management
- MCE02d: Commercial Marketplace
- MCE02e: Commercial Equity
- MCE08: Single Family Home Energy Savings
- MCE100: Integrated Demand Side Management (IDSM)

- MCE101-Equity-PS: Equity Portfolio Support
- MCE101-MS-PS: Market Support Portfolio Support
- MCE101-RA-PS: Resource Acquisition Portfolio Support
- MCE10a: Industrial Deemed
- MCE10b: Industrial Custom
- MCE10c: Industrial Strategic Energy Management
- MCE11a: Agricultural Deemed
- MCE11b: Agricultural Custom
- MCE11c: Agricultural Strategic Energy Management
- MCE16: Green Workforce Pathways
- MCE97: CPUC EM&V;
- MCE98: MCE EM&V;

## CEDARS FILING SUBMISSION RECEIPT

The MCE portfolio budget filing has been submitted and is now under review. A summary of the budget filing is provided below.

PA: Marin Clean Energy (MCE)

Budget Filing Year: 2027

Submitted: 23:33:38 on 04 Oct 2023

By: Qua Vallery

Advice Letter Number: A.22-03-012

### \* Portfolio Budget Filing Summary \*

- TRC: 0.86
- PAC: 1.28
- TRC (no admin): 1.66
- PAC (no admin): 4.63
- RIM: 0.9
- Budget: \$18,821,756.65
- TotalSystemBenefit: \$24,059,423.68
- ElecBen: \$19,899,922.67
- GasBen: \$4,596,798.94
- OtherBen: \$0.00
- TRCCost: \$28,532,319.40
- PACCost: \$19,074,035.56

### \* Programs Included in the Budget Filing \*

- MCE01: Multifamily Energy Savings
- MCE01c: Multifamily Strategic Energy Management
- MCE01d: Res Marketplace
- MCE02a: Commercial Deemed
- MCE02b: Commercial Custom
- MCE02c: Commercial Strategic Energy Management
- MCE02d: Commercial Marketplace
- MCE02e: Commercial Equity
- MCE08: Single Family Home Energy Savings
- MCE100: Integrated Demand Side Management (IDSM)

- MCE101-Equity-PS: Equity Portfolio Support
- MCE101-MS-PS: Market Support Portfolio Support
- MCE101-RA-PS: Resource Acquisition Portfolio Support
- MCE10a: Industrial Deemed
- MCE10b: Industrial Custom
- MCE10c: Industrial Strategic Energy Management
- MCE11a: Agricultural Deemed
- MCE11b: Agricultural Custom
- MCE11c: Agricultural Strategic Energy Management
- MCE16: Green Workforce Pathways
- MCE97: CPUC EM&V;
- MCE98: MCE EM&V;

# **ATTACHMENT B**



2024

	Budget	Expenditures								
Total Portfolio Admin Costs	\$ 445,600	\$ -								
Program	Segment	Sector	Budget	Expenditures	n/a	Portfolio Admin Budget Allocation	Portfolio Admin Claims Allocation	n/a2	Total Budget	Total Expenditures
MCE01	Equity	Residential	\$ 764,789	\$ -		\$ 18,503.69	\$ -		\$ 783,292.30	\$ -
MCE01c	Resource Acquisition	Residential	\$ 416,779	\$ -		\$ 10,083.77	\$ -		\$ 426,862.98	\$ -
MCE01d	Resource Acquisition	Residential	\$ 1,412,687	\$ -		\$ 34,179.29	\$ -		\$ 1,446,866.56	\$ -
MCE02a	Resource Acquisition	Commercial	\$ 416,345	\$ -		\$ 10,073.27	\$ -		\$ 426,418.43	\$ -
MCE02b	Resource Acquisition	Commercial	\$ 1,087,296	\$ -		\$ 26,306.61	\$ -		\$ 1,113,602.72	\$ -
MCE02c	Resource Acquisition	Commercial	\$ 672,977	\$ -		\$ 16,282.35	\$ -		\$ 689,259.30	\$ -
MCE02d	Resource Acquisition	Commercial	\$ 6,447,829	\$ -		\$ 156,002.14	\$ -		\$ 6,603,831.30	\$ -
MCE08	Equity	Residential	\$ 3,126,738	\$ -		\$ 75,649.93	\$ -		\$ 3,202,387.86	\$ -
MCE10a	Resource Acquisition	Industrial	\$ 89,357	\$ -		\$ 2,161.95	\$ -		\$ 91,518.85	\$ -
MCE10b	Resource Acquisition	Industrial	\$ 342,208	\$ -		\$ 8,279.55	\$ -		\$ 350,487.38	\$ -
MCE10c	Resource Acquisition	Industrial	\$ 340,556	\$ -		\$ 8,239.59	\$ -		\$ 348,795.70	\$ -
MCE11a	Resource Acquisition	Agriculture	\$ 75,349	\$ -		\$ 1,823.04	\$ -		\$ 77,172.41	\$ -
MCE11b	Resource Acquisition	Agriculture	\$ 76,601	\$ -		\$ 1,853.32	\$ -		\$ 78,454.14	\$ -
MCE11c	Resource Acquisition	Agriculture	\$ 283,973	\$ -		\$ 6,870.59	\$ -		\$ 290,843.45	\$ -
MCE16	Market Support	Cross-Cutting	\$ 952,299	\$ -		\$ 23,040.43	\$ -		\$ 975,339.78	\$ -
MCE02e	Equity	Commercial	\$ 911,609	\$ -		\$ 22,055.95	\$ -		\$ 933,665.39	\$ -
MCE100	Resource Acquisition	Cross-Cutting	\$ 1,000,000	\$ -		\$ 24,194.52	\$ -		\$ 1,024,194.52	\$ -
							\$ -			\$ -
Total (sans Portfolio Admin):			\$ 18,417,393	\$ -	Portfolio Admin Total:	\$ 445,600	\$ -	Total:	\$ 18,862,993.07	\$ -

Row Labels	Sum of Budget	Sum of Portfolio Admin Budget Allocation	Sum of Total Budget	Sum of Expenditures	Sum of Portfolio Admin Claims Allocation	Sum of Total Expenditures
Equity	\$4,803,136	\$116,210	\$4,919,346	\$0.00	\$0	\$0
Market Support	\$952,299	\$23,040	\$975,340	\$0.00	\$0	\$0
Resource Acquisition	\$12,661,958	\$306,350	\$12,968,308	\$0.00	\$0	\$0
(blank)					\$0	\$0
Grand Total	\$18,417,393	\$445,600	\$18,862,993	\$0	\$0	\$0

2025	Budget	Expenditures								
Total Portfolio Admin Costs	\$ 445,600	\$ -								
Program	Segment	Sector	Budget	Expenditures	n/a	Portfolio Admin Budget Allocation	Portfolio Admin Claims Allocation	n/a2	Total Budget	Total Expenditures
MCE01	Equity	Residential	\$ 771,565	\$ -		\$ 19,122.01	\$ -		\$ 790,687.05	\$ -
MCE01c	Resource Acquisition	Residential	\$ 424,078	\$ -		\$ 10,510.10	\$ -		\$ 434,588.05	\$ -
MCE01d	Resource Acquisition	Residential	\$ 1,415,001	\$ -		\$ 35,068.54	\$ -		\$ 1,450,069.13	\$ -
MCE02a	Resource Acquisition	Commercial	\$ 418,658	\$ -		\$ 10,375.78	\$ -		\$ 429,034.27	\$ -
MCE02b	Resource Acquisition	Commercial	\$ 1,089,609	\$ -		\$ 27,004.23	\$ -		\$ 1,116,613.68	\$ -
MCE02c	Resource Acquisition	Commercial	\$ 675,290	\$ -		\$ 16,735.99	\$ -		\$ 692,026.27	\$ -
MCE02d	Resource Acquisition	Commercial	\$ 6,118,701	\$ -		\$ 151,642.27	\$ -		\$ 6,270,343.75	\$ -
MCE08	Equity	Residential	\$ 2,974,246	\$ -		\$ 73,711.95	\$ -		\$ 3,047,958.00	\$ -
MCE10a	Resource Acquisition	Industrial	\$ 91,663	\$ -		\$ 2,271.73	\$ -		\$ 93,935.23	\$ -
MCE10b	Resource Acquisition	Industrial	\$ 344,514	\$ -		\$ 8,538.24	\$ -		\$ 353,052.66	\$ -
MCE10c	Resource Acquisition	Industrial	\$ 342,863	\$ -		\$ 8,497.31	\$ -		\$ 351,360.01	\$ -
MCE11a	Resource Acquisition	Agriculture	\$ 76,946	\$ -		\$ 1,907.00	\$ -		\$ 78,853.48	\$ -
MCE11b	Resource Acquisition	Agriculture	\$ 78,198	\$ -		\$ 1,938.01	\$ -		\$ 80,135.95	\$ -
MCE11c	Resource Acquisition	Agriculture	\$ 285,570	\$ -		\$ 7,077.40	\$ -		\$ 292,647.37	\$ -
MCE16	Market Support	Cross-Cutting	\$ 958,945	\$ -		\$ 23,765.92	\$ -		\$ 982,710.81	\$ -
MCE02e	Equity	Commercial	\$ 913,923	\$ -		\$ 22,650.12	\$ -		\$ 936,572.89	\$ -
MCE100	Resource Acquisition	Cross-Cutting	\$ 1,000,000	\$ -		\$ 24,783.41	\$ -		\$ 1,024,783.41	\$ -
							\$ -			\$ -
Total (sans Portfolio Admin):			\$ 17,979,772	\$ -	Portfolio Admin Total:	\$ 445,600	\$ -	Total:	\$ 18,425,372.01	\$ -

Row Labels	Sum of Budget	Sum of Portfolio Admin Budget Allocation	Sum of Total Budget	Sum of Expenditures	Sum of Portfolio Admin Claims Allocation	Sum of Total Expenditures
Equity	\$4,659,734	\$115,484	\$4,775,218	\$0.00	\$0	\$0
Market Support	\$958,945	\$23,766	\$982,711	\$0.00	\$0	\$0
Resource Acquisition	\$12,361,093	\$306,350	\$12,667,443	\$0.00	\$0	\$0
(blank)					\$0	\$0
Grand Total	\$17,979,772	\$445,600	\$18,425,372	\$0	\$0	\$0

2026	Budget	Expenditures
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Total Portfolio Admin Costs			\$ 445,600	\$ -						
Program	Segment	Sector	Budget	Expenditures	n/a	Portfolio Admin Budget Allocation	Portfolio Admin Claims Allocation	n/a2	Total Budget	Total Expenditures
MCE01	Equity	Residential	\$ 778,680	\$ -		\$ 19,491.83	\$ -		\$ 798,172.13	\$ -
MCE01c	Resource Acquisition	Residential	\$ 431,742	\$ -		\$ 10,807.31	\$ -		\$ 442,548.95	\$ -
MCE01d	Resource Acquisition	Residential	\$ 1,417,430	\$ -		\$ 35,480.93	\$ -		\$ 1,452,910.53	\$ -
MCE02a	Resource Acquisition	Commercial	\$ 421,087	\$ -		\$ 10,540.61	\$ -		\$ 431,628.10	\$ -
MCE02b	Resource Acquisition	Commercial	\$ 1,092,038	\$ -		\$ 27,335.78	\$ -		\$ 1,119,374.23	\$ -
MCE02c	Resource Acquisition	Commercial	\$ 677,719	\$ -		\$ 16,964.59	\$ -		\$ 694,683.87	\$ -
MCE02d	Resource Acquisition	Commercial	\$ 5,966,325	\$ -		\$ 149,348.34	\$ -		\$ 6,115,673.53	\$ -
MCE08	Equity	Residential	\$ 2,901,951	\$ -		\$ 72,641.30	\$ -		\$ 2,974,592.59	\$ -
MCE10a	Resource Acquisition	Industrial	\$ 94,085	\$ -		\$ 2,355.14	\$ -		\$ 96,440.56	\$ -
MCE10b	Resource Acquisition	Industrial	\$ 346,936	\$ -		\$ 8,684.47	\$ -		\$ 355,620.81	\$ -
MCE10c	Resource Acquisition	Industrial	\$ 345,285	\$ -		\$ 8,643.12	\$ -		\$ 353,927.75	\$ -
MCE11a	Resource Acquisition	Agriculture	\$ 78,623	\$ -		\$ 1,968.09	\$ -		\$ 80,591.54	\$ -
MCE11b	Resource Acquisition	Agriculture	\$ 79,875	\$ -		\$ 1,999.42	\$ -		\$ 81,874.32	\$ -
MCE11c	Resource Acquisition	Agriculture	\$ 287,247	\$ -		\$ 7,190.33	\$ -		\$ 294,437.27	\$ -
MCE16	Market Support	Cross-Cutting	\$ 965,923	\$ -		\$ 24,178.86	\$ -		\$ 990,101.55	\$ -
MCE02e	Equity	Commercial	\$ 916,352	\$ -		\$ 22,938.01	\$ -		\$ 939,289.78	\$ -
MCE100	Resource Acquisition	Cross-Cutting	\$ 1,000,000	\$ -		\$ 25,031.88	\$ -		\$ 1,025,031.88	\$ -
							\$ -			\$ -
							\$ -			\$ -
Total (sans Portfolio Admin):			\$ 17,801,299	\$ -	Portfolio Admin Total:	\$ 445,600	\$ -	Total:	\$ 18,246,899.38	\$ -

Row Labels	Sum of Budget	Sum of Portfolio Admin Budget Allocation	Sum of Total Budget	Sum of Expenditures	Sum of Portfolio Admin Claims Allocation	Sum of Total Expenditures
Equity	\$4,596,983	\$115,071	\$4,712,055	\$0.00	\$0	\$0
Market Support	\$965,923	\$24,179	\$990,102	\$0.00	\$0	\$0
Resource Acquisition	\$12,238,393	\$306,350	\$12,544,743	\$0.00	\$0	\$0
(blank)					\$0	\$0
Grand Total	\$17,801,299	\$445,600	\$18,246,899	\$0	\$0	\$0

2027

	Budget	Expenditures								
Total Portfolio Admin Costs	\$ 445,600	\$ -								
Program	Segment	Sector	Budget	Expenditures	n/a	Portfolio Admin Budget Allocation	Portfolio Admin Claims Allocation	n/a2	Total Budget	Total Expenditures
MCE01	Equity	Residential	\$ 786,151	\$ -		\$ 19,877.62	\$ -		\$ 806,028.95	\$ -
MCE01c	Resource Acquisition	Residential	\$ 439,789	\$ -		\$ 11,119.93	\$ -		\$ 450,908.44	\$ -
MCE01d	Resource Acquisition	Residential	\$ 1,419,980	\$ -		\$ 35,903.81	\$ -		\$ 1,455,883.86	\$ -
MCE02a	Resource Acquisition	Commercial	\$ 423,638	\$ -		\$ 10,711.57	\$ -		\$ 434,349.51	\$ -
MCE02b	Resource Acquisition	Commercial	\$ 1,094,589	\$ -		\$ 27,676.38	\$ -		\$ 1,122,265.28	\$ -
MCE02c	Resource Acquisition	Commercial	\$ 680,270	\$ -		\$ 17,200.43	\$ -		\$ 697,470.16	\$ -
MCE02d	Resource Acquisition	Commercial	\$ 5,812,781	\$ -		\$ 146,974.59	\$ -		\$ 5,959,755.67	\$ -
MCE08	Equity	Residential	\$ 2,828,974	\$ -		\$ 71,529.84	\$ -		\$ 2,900,503.90	\$ -
MCE10a	Resource Acquisition	Industrial	\$ 96,628	\$ -		\$ 2,443.22	\$ -		\$ 99,071.67	\$ -
MCE10b	Resource Acquisition	Industrial	\$ 349,479	\$ -		\$ 8,836.49	\$ -		\$ 358,315.85	\$ -
MCE10c	Resource Acquisition	Industrial	\$ 347,828	\$ -		\$ 8,794.73	\$ -		\$ 356,622.37	\$ -
MCE11a	Resource Acquisition	Agriculture	\$ 80,384	\$ -		\$ 2,032.49	\$ -		\$ 82,416.76	\$ -
MCE11b	Resource Acquisition	Agriculture	\$ 81,636	\$ -		\$ 2,064.14	\$ -		\$ 83,699.85	\$ -
MCE11c	Resource Acquisition	Agriculture	\$ 289,008	\$ -		\$ 7,307.48	\$ -		\$ 296,315.23	\$ -
MCE16	Market Support	Cross-Cutting	\$ 973,249	\$ -		\$ 24,608.35	\$ -		\$ 997,857.73	\$ -
MCE02e	Equity	Commercial	\$ 918,902	\$ -		\$ 23,234.19	\$ -		\$ 942,136.42	\$ -
MCE100	Resource Acquisition	Cross-Cutting	\$ 1,000,000	\$ -		\$ 25,284.73	\$ -		\$ 1,025,284.73	\$ -
							\$ -			\$ -
Total (sans Portfolio Admin):			\$ 17,623,286	\$ -	Portfolio Admin Total:	\$ 445,600	\$ -	Total:	\$ 18,068,886.38	\$ -

Row Labels	Sum of Budget	Sum of Portfolio Admin Budget Allocation	Sum of Total Budget	Sum of Expenditures	Sum of Portfolio Admin Claims Allocation	Sum of Total Expenditures
Equity	\$4,534,028	\$114,642	\$4,648,669	\$0.00	\$0	\$0
Market Support	\$973,249	\$24,608	\$997,858	\$0.00	\$0	\$0
Resource Acquisition	\$12,116,009	\$306,350	\$12,422,359	\$0.00	\$0	\$0
(blank)					\$0	\$0
Grand Total	\$17,623,286	\$445,600	\$18,068,886	\$0	\$0	\$0



# **ATTACHMENT C**

**2024 -2027 Program Portfolio Budgets and Targets**

(a) Program ID	(b) Program Name	(c) Target Exempt	(d) Program Type	(e) Business Sector	(f) Portfolio Segment	(g) Budget	(h) TSB	(i) kWh	(j) kW	(k) Thm	(l) Change Notes
MCE01	MF Energy Savings (MFES)	No	Core PA	Residential	Equity	\$ 3,101,185	\$ 1,454,954	(168,804)	7	89,636	TSB Increased; Increase in electrification efforts
MCE01c	MF Strategic Energy Management	No	Core PA	Residential	Resource	\$ 1,712,387	\$ 2,638,593	2,400,000	-	79,143	Budget and TSB Decreased; Updated based on current performance of programs Removal of portfolio administration costs
MCE01d	Residential Efficiency Market	No	Core PA	Residential	Resource	\$ 5,665,098	\$ 7,791,224	(789,337)	(163)	396,773	Budget and TSB Decreased; Updated based on current performance of programs Removal of portfolio administration costs
MCE02a	Com Deemed	No	Core PA	Commercial	Resource	\$ 1,679,729	\$ 2,002,994	1,218,814	242	144,668	Budget and TSB Increased Updated based on current performance of programs Increased non-combustible gas-saving measures
MCE02b	Com Custom	No	Core PA	Commercial	Resource	\$ 4,363,533	\$ 6,800,409	7,474,438	455	92,250	
MCE02c	Com Strategic Energy Management	No	Core PA	Commercial	Resource	\$ 2,706,256	\$ 4,632,460	7,128,711	-	285,392	TSB Increased Updated based on current performance of programs
MCE08	SF Home Energy Savings	No	Core PA	Residential	Equity	\$ 11,831,909	\$ 3,055,646	(111,090)	405	130,123	
MCE02d	Com Efficiency Market	No	Core PA	Commercial	Resource	\$ 24,345,637	\$ 59,321,351	94,734,000	11,325	(173,690)	TSB Increased Updated based on current performance of programs
MCE02e	Com Equity	No	Core PA	Commercial	Equity	\$ 3,660,786	\$ -	-	-	-	
MCE07	SF HER	No	Core PA	Residential	Resource	\$ -	\$ -	-	-	-	Budget and TSB Decreased; Program Closed
MCE10a	Ind Deemed	No	Core PA	Industrial	Resource	\$ 371,734	\$ 314,364	379,066	79	14,414	Budget and TSB Decreased; Updated based on current performance of programs Removal of portfolio administration costs Changes or expiration of measures packages
MCE10b	Ind Custom	No	Core PA	Industrial	Resource	\$ 1,383,138	\$ 2,924,179	997,902	27	130,876	Budget and TSB Decreased; Updated based on current performance of programs Removal of portfolio administration costs
MCE10c	Ind SEM	No	Core PA	Industrial	Resource	\$ 1,376,531	\$ 2,139,981	2,380,950	-	175,415	Budget and TSB Decreased; Updated based on current performance of programs Removal of portfolio administration costs
MCE11a	Ag Deemed	No	Core PA	Agricultural	Resource	\$ 311,304	\$ 133,813	350,690	-	104	
MCE11b	Ag Custom	No	Core PA	Agricultural	Resource	\$ 316,309	\$ 348,977	220,280	44	8,453	Budget and TSB Decreased; Updated based on current performance of programs Removal of portfolio administration costs
MCE11c	Ag SEM	No	Core PA	Agricultural	Resource	\$ 1,145,798	\$ 1,786,474	2,200,000	-	124,320	TSB Increased Updated based on current performance of programs
MCE16	Green Workforce Pathways	Yes	Core PA	Cross-Cutting	Market Support	\$ 3,850,416	\$ -	-	-	-	
MCE97	CPUC EM&V	No	Core PA	Cross-Cutting	EM&V	\$ 1,840,104	\$ -	-	-	-	
MCE98	MCE EM&V	No	Core PA	Cross-Cutting	EM&V	\$ 1,226,736	\$ -	-	-	-	
MCE100	IDS Pilot	No	Core PA	Cross-Cutting	Resource	\$ 4,000,000	\$ -	-	-	-	
MCE101-Equity-PS	Equity Portfolio Support	No	Core PA	Portfolio Support	Equity	\$ 461,406	\$ -	-	-	-	
MCE101-MS-PS	Market Support Portfolio Support	No	Core PA	Portfolio Support	Market Support	\$ 95,594	\$ -	-	-	-	
MCE101-RA-PS	Resource Acquisition Portfolio Support	No	Core PA	Portfolio Support	Resource	\$ 1,225,400	\$ -	-	-	-	
<b>Total</b>						<b>\$ 76,670,990</b>	<b>95,345,418</b>	<b>118,415,619</b>	<b>12,420</b>	<b>1,497,876</b>	

Table 1.1 - Portfolio Budget by Sector and Segment (Cumulative for PY 2024-2027)

Line	Budget Category	Program Segment				Total
		Resource Acquisition	Market Support	Equity	Codes & Standards	
1	Residential Sector	\$7,377,485	\$0	\$14,933,095	\$0	\$22,310,579
2	Commercial Sector	\$33,095,155	\$0	\$3,660,786	\$0	\$36,755,941
3	Industrial Sector	\$3,131,403	\$0	\$0	\$0	\$3,131,403
4	Agricultural Sector	\$1,773,410	\$0	\$0	\$0	\$1,773,410
5	Public Sector	\$0	\$0	\$0	\$0	\$0
6	Cross Cutting Sector					
7	Emerging Tech	\$0	\$0	\$0	\$0	\$0
8	WE&T	\$0	\$3,850,416	\$0	\$0	\$3,850,416
9	Finance	\$0	\$0	\$0	\$0	\$0
10	Codes & Standards	\$0	\$0	\$0	\$0	\$0
11	Portfolio Support	\$1,225,400	\$95,594	\$461,406	\$0	\$1,782,400
12	OBF Loan Pool					\$0
13	IDSMS	\$4,000,000	\$0	\$0	\$0	\$4,000,000
14	Program Subtotal[1]	\$50,602,854	\$3,946,010	\$19,055,287	\$0	\$73,604,151

[1] excludes EM&V and ED Portfolio Oversight

Table 1.2 - Total Cost Recovery Request, Including REN/CCA and Other Costs

Line	Program Administrator	(a) PA Programs	(b) ED Portfolio Oversight	(c) EMV PA	(d) EMV ED	(e) Unspent & Uncommitted Funds for 2024-2027 Offset	(f) Total
1	AL Author PA name - MCE	\$73,604,151	\$0	\$1,226,736	\$1,840,104	(\$12,469,059)	\$64,201,931
2	REN/CCA 1 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
3	REN/CCA 2 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
4	REN/CCA 3 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
5	REN/CCA 4 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
6	REN/CCA 5 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
7	Total	\$73,604,151	\$0	\$1,226,736	\$1,840,104	(\$12,469,059)	\$64,201,931

**Table 2.1 - Annual and Cumulative Total System Benefit Forecast**

Line	Segment	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	Resource Acquisition	\$22,566,920	\$22,662,424	\$22,770,876	\$22,834,597	<b>\$90,834,817</b>
2	Market Support	\$0	\$0	\$0	\$0	<b>\$0</b>
3	Equity	\$1,034,181	\$1,093,988	\$1,157,605	\$1,224,826	<b>\$4,510,600</b>
4	<b>Total TSB Forecast</b>	<b>\$23,601,101</b>	<b>\$23,756,413</b>	<b>\$23,928,480</b>	<b>\$24,059,424</b>	<b>\$95,345,418</b>
5	CPUC TSB Goal [1]	\$23,601,101	\$23,756,413	\$23,928,480	\$24,059,424	\$95,345,418
6	<i>TSB Forecast / TSB Goal</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>

[1] MCE portfolio doesn't include Codes and Standards.

The CPUC doesn't assign goals to RENs and CCAs. RENs and CCAs establish their own goals. See D.21-09-037 at 23.

MCE has provided forecasted portfolio savings without C&S

**Table 2.2 - Annual and Cumulative Codes and Standards Savings Forecast**

Line	Savings Unit	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	GWh Forecast	<b>29.6</b>	<b>29.6</b>	<b>29.6</b>	<b>29.6</b>	<b>118</b>
2	GWh CPUC Goal [2]	29.6	29.6	29.6	29.6	118.4
3	<i>GWh Forecast/Goal</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>
4	MW Forecast	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>12</b>
5	MW CPUC Goal [2]	3.1	3.1	3.1	3.1	12.4
6	<i>MW Forecast/Goal</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>
7	MMThm Forecast	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>1</b>
8	MMThm CPUC Goal [2]	0.4	0.4	0.4	0.4	1.5
9	<i>MMThm Forecast/Goal</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>	<i>100%</i>

[2] MCE portfolio doesn't include Codes and Standards.

The CPUC doesn't assign goals to RENs and CCAs. RENs and CCAs establish their own goals. See D.21-09-037 at 23.

MCE has provided forecasted portfolio savings without C&S

**Table 2.3 - Annual and Cumulative Budget**

Line	Segment	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	Resource Acquisition	\$12,968,308	\$12,667,443	\$12,544,743	\$12,422,359	\$50,602,854
2	Market Support	\$975,340	\$982,711	\$990,102	\$997,858	\$3,946,010
3	Equity	\$4,919,346	\$4,775,218	\$4,712,055	\$4,648,669	\$19,055,287
4	Codes and Standards	\$0	\$0	\$0	\$0	\$0
5	EM&V (PA and ED)	\$785,958	\$767,724	\$760,287	\$752,870	\$3,066,840
6	<b>Total Budget w/o OBF Loan Pool</b>	<b>\$19,648,951</b>	<b>\$19,193,096</b>	<b>\$19,007,187</b>	<b>\$18,821,757</b>	<b>\$76,670,990</b>
7	Market Support and Equity, percent of Total Budget <b>w/o OBF Loan Pool</b>					30.0%
8	OBF Loan Pool Addition	\$0	\$0	\$0	\$0	\$0
9	<b>Budget excluding Portfolio Oversight</b>	<b>\$19,648,951</b>	<b>\$19,193,096</b>	<b>\$19,007,187</b>	<b>\$18,821,757</b>	\$76,670,990
10	ED Portfolio Oversight	\$0	\$0	\$0	\$0	\$0
11	<b>Total Portfolio Budget w/ ED Portfolio Oversight</b>	<b>\$19,648,951</b>	<b>\$19,193,096</b>	<b>\$19,007,187</b>	<b>\$18,821,757</b>	<b>\$76,670,990</b>
12	<b>Approved Budget Cap [3]</b>					<b>\$78,217,316</b>

[3] Decision 23-06-055 at 93

Table 3 - Portfolio Cost Effectiveness Ratios (PY 2024-2027)

Line			TRC ratio	PAC ratio	RIM ratio
1	Segment	Resource Acquisition	1.03	1.79	1.08
2		Market Support	0.00	0.00	0.00
3		Equity	0.26	0.26	0.27
4		Codes and Standards (C&S)	N/A	N/A	N/A
5	Portfolio	Including C&S	N/A	N/A	N/A
6		Excluding C&S	0.84	1.25	0.88

MCE's portfolio doesn't include any C&S programs.

NOT APPPLICABLE (IOUS Only)

Table 4 - Portfolio Statewide and Third-party Contribution Percentage Requirements (IOU only)

Line	Budget Component	Qualifying Budget	Cumulative Total Budget w/o OBF Loan Pool	Contribution Percentage	Minimum Threshold
1	Statewide [1]	\$0	N/A	#VALUE!	20%
2	Third-party [2]	\$0	N/A	#VALUE!	60%

1 SW program definition per XYZ (+other references as needed), +minimum threshold reference to application decision.

2 Third party program definition per D.16-08-019, OP 10 (+other references as needed), +minimum threshold reference (vary by IOU)

Energy Efficiency Cap And Target Expenditure Projections (Cumulative for PY 2024-2027)

Line	Budget Category	Expenditures			Cap & Target Performance		
		(a) Non-Third Party Qualifying Costs	(b) Third Party Qualifying Costs	(c) Total Portfolio	(d) Percent of Budget <sup>[6]</sup>	(e) Cap Percentage	(f) Target %
1	Administrative Costs						
2	PA <sup>[1]</sup>	\$ 3,785,439		\$ 3,785,439	4.9%	10.0%	
3	Non-PA Third Party & Partner	\$ 3,872,764	\$ -	\$ 3,872,764	5.1%		10.0%
4	PA & Non-PA Target Exempt	\$ 114,572	\$ -	\$ 114,572			
5	Marketing and Outreach Costs						
6	Marketing & Outreach	\$ 560,000	\$ -	\$ 560,000	0.7%		6.0%
7	Direct Implementation Costs						
8	Incentives and Rebates	\$ 32,437,141	\$ -	\$ 32,437,141			
9	Non Incentives and Non Reba	\$ 25,098,390	\$ -	\$ 25,098,390	32.7%		20.0%
10	Target Exempt (Non Incentive	\$ 3,735,844	\$ -	\$ 3,735,844			
11	EM&V Costs (PA and ED) <sup>[4]</sup>	\$ 3,066,840	\$ -	\$ 3,066,840	4.0%	4.0%	
11a	EM&V - PA	\$ 1,226,736		\$ 1,226,736			
11b	EM&V - ED	\$ 1,840,104		\$ 1,840,104			
12	PA Spending Budget Request (excluding OBF Loan Pool Additions and excluding ED Portfolio Oversight)	\$ 72,670,990	\$ -	\$ 72,670,990			
13	Total Third-Party Qualifying Costs <sup>[5]</sup>		\$ -		0.0%		60.0%
14	OBF Loan Pool Addition	\$ -		\$ -			
15	PA Spending Budget Request (excluding ED Portfolio Oversight)			\$ 72,670,990			
16	ED Portfolio Oversight	\$ -		\$ -			
17	EE-Funded IDSM <sup>[7]</sup>	\$ 4,000,000		\$ 4,000,000	5.2%	2.5%	
18	PA Spending Budget Request			\$ 76,670,990			

[1] 10% cap requirement based on D. 09-09-047 for IOU only

[2] New Third party program definition per D.16-08-019, OP 10. For Row 3 of this table, the "Third Party & Partnership" administrative costs under the "Non-Third Party Qualifying Costs" column are costs for programs that met the old Third Party definition prior to the transition to the new third party definition.

[3] Target Exempt Programs include: Emerging Technologies, Workforce Education & Training, Strategic Energy Resources (SER) program, 3P Placeholder for Public LGPs, and Codes & Standards programs (excluding Building Codes Advocacy, Appliance Standards Advocacy and National Standards Advocacy).

[4] For IOUs, EM&V costs only includes IOU's Total EM&V budget (PA + ED) and does not include REN or CCAs EM&V budget. For RENs & CCAs, include EM&V-PA Budget and EM&V-ED = \$0 . The EM&V percentage is based on PA's total portfolio budget (from line 13) RENs, and CCAs

[5] IOU's Third-Party Implementer Contracts (as defined per D.16-08-019, OP 10) includes third-party contract and incentive budgets and statewide qualifying contract and incentive budgets. Calculation of (d) Percent of Budget for Third-Party Implementer Contracts uses \$0 as its denominator.

[6] With the exception of Third Party Implementer Contracts as noted in footnote [5], calculation of (d) Percent of Budget uses \$1,840,104 as the denominator; equal to line 15 PA Budget Spending Request.

[7] D.23-06-055 OP 29: Portfolio administrators (PAs) may set aside up to 2.5 percent, or \$4 million, whichever is greater, up to a maximum of \$15 million, from within their total budgets during 2024-2027 approved in this decision to fund innovative integrated demand-side management projects, including ongoing load-shifting that is not event-based. Energy efficiency funding shall not be used for rebating capital costs of non-efficiency technologies, except as already provided for electric panel upgrades in Decisions 19-08-009 and 23-04-035.