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December 16, 2021

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

MCE Advice Letter 54-E-A

Re: Supplemental to Marin Clean Energy’s 2022 and 2023 Energy Efficiency Annual Budget Advice Letter

Marin Clean Energy (“MCE”) hereby submits this supplemental advice letter (“AL”) amending MCE AL 54-E that established MCE’s Annual Budget Advice Letter (“ABAL”) for energy efficiency (“EE”) programs for Program Years (“PYs”) 2022 and 2023, submitted on November 8, 2021.

Tier Designation

This AL has a Tier 2 designation pursuant to Ordering Paragraph (“OP”) 4 of D.15-10-028, and as confirmed in OP 13 of D.21-05-031.

Effective Date

Pursuant to G.O. 96-B, MCE requests that this Tier 2 AL become effective on December 8, 2021, which is 30 calendar days from the date of this filing.

Background

MCE has been administering energy efficiency (“EE”) funds under California Public Utilities Code (“Code”) Section 381.1(a)-(d) since 2013.¹ The California Public Utilities Commission (“CPUC or “Commission”) originally restricted MCE’s EE programs to serving gaps in Investor Owned Utility (“IOU”) programs and hard-to-reach markets.² At the time, the Commission acknowledged that these restrictions may cause MCE’s portfolio to fail the Total Resource Cost

¹ To date, MCE is the only community choice aggregator (“CCA”) to have requested energy efficiency funding under Code Section 381.1(a)-(d).

² D.12-11-015, *Decision Approving 2013-2014 Energy Efficiency Programs and Budgets*, at pp.45-6.

(“TRC”) test and thus did not initially impose a minimum cost effectiveness requirement on MCE.³ In 2014, however, the Commission lifted the restrictions and imposed the same cost effectiveness requirements on community choice aggregators (“CCAs”) as IOUs.⁴

On January 17, 2017, MCE filed a Business Plan with the Commission that requested authorization to expand MCE’s EE portfolio to include additional sectors and programmatic offerings.⁵ MCE proposed to offer programs in the following sectors: (1) Residential; (2) Commercial; (3) Industrial; (4) Agricultural; and (5) Workforce Education and Training (WE&T). On June 5, 2018, the Commission approved MCE’s Business Plan in D.18-05-041.⁶

On November 8, 2021 MCE timely filed its ABAL for PYs 2022 and 2023.

Purpose

On December 9, 2021, the Commission issued a rollback of the September 28, 2021 Energy Efficiency Cost Effectiveness Test Tool (“CET”) code due to an error in calculations for fuel substitution and codes and standards measures. The Commission then directed EE Program Administrators (“PAs”) to file supplemental ABALs for PYs 2022 and 2023 using the updated CET version.

MCE hereby submits this Supplemental AL to make minor updates to the total resource costs (“TRC”) values for PYs 2022 and 2023 due to this correction in the CET code. Updated results are reflected in Table 5 below and Attachments A and E.

Supplemental MCE ABAL for PYs 2022 and 2023

The purpose of this AL is to request approval of MCE’s proposed EE budget for PYs 2022 and 2023. MCE request that the Commission approve its PY 2022 budget of \$14,704,132 and PY 2023 budget of \$15,362,756 for a combined budget of \$30,066,888. In addition to the budget request, MCE provides the following information as directed by the governing Decisions:

1. Portfolio Segmentation
 - a. Resource Acquisition
 - b. Market Support
 - c. Equity
2. MCE’s Updated Portfolio Goals for 2022 and 2023
3. Goals, Cost Effectiveness and Budget
 - a. Forecasted Savings, Cost-Effectiveness, and Budget for PYs 2022 ad 2023

³ Id. at p. 46.

⁴ D.14-01-033, *Decision Enabling Community Choice Aggregators to Administer Energy Efficiency Programs*, at p. 14; *see also* D.14-10-046, *Decision Establishing Energy Efficiency Savings Goals and Approving 205 Energy Efficiency Programs and Budgets*, at p. 120.

⁵ *See Application of Marin Clean Energy for Approval of its Energy Efficiency Business Plan* (Application (“A.”) 17-01-017) filed January 17, 2017 (the “MCE Business Plan”).

⁶ D.18-05-041, OP 33 at p. 189.

- b. Claimed and Evaluated Savings and CE for the EE Portfolio to Date
 - c. GHG Emissions
 - d. Budget Request
 4. Cost-Effectiveness Details
 - a. Cost-Effectiveness Challenges
 - b. Strategies to Improve Cost-Effectiveness
 5. Portfolio and Program Changes
 6. Metrics

Finally, MCE includes the following updated attachments with this supplemental AL:

- (1) Attachment A: MCE Budget Filing Appendix
- (2) Attachment E: MCE CEDARS Filing Submission Receipt

Discussion

1. Portfolio Segmentation

D.21-05-031 determined that beginning in PY 2022, EE portfolios must be segmented into three categories – Resource Acquisition, Market Support and Equity.⁷ MCE outlines its portfolio segmentation proposal for PYs 2022 and 2023 below.⁸

Resource Acquisition

Per D.21-05-031, Resource Acquisition programs are defined as:

Programs with a primary purpose of, and a short-term ability to, deliver cost-effective avoided cost benefits to the electricity and natural gas systems. Short-term is defined as during the approved budget period for the portfolio [...]. This segment should make up the bulk of savings to achieve TSB goals.⁹

The programs within the Resource Acquisition segment have a primary focus to recognize energy efficiency as a resource by offering several participation pathways and program delivery strategies to maximize energy savings, customer benefit and increase cost effectiveness.

Table 1 describes MCE's proposed Resource Acquisition programs for PYs 2022 and 2023. Note that MCE is updating its portfolio by creating unique program IDs for existing sub-programs in this year's filing. More details on this update are provided in section 5.

⁷ D.21-05-031, OP 2 at p.81.

⁸ D.21-05-031 clarifies that the reasonableness of the program segmentation itself will not be a criterion for rejection of the ABAL since the segmentation will be addressed more fully in the evaluation of the business plan and portfolio filings in 2022. See D.21-05-031 at p.53.

⁹ Id. at p.14.

Table 1: MCE’s Resource Acquisition Programs in PY 2022 and 2023

2022 and 2023 Program ID	2022 and 2023 Program Name ¹⁰	Corresponding 2021 Program ID	Corresponding 2021 Program Name
MCE01	Multifamily Energy Savings (“MFES”)	MCE01	MF Comprehensive
MCE01c	Multifamily Strategic Energy Management (“SEM”)	N/A	N/A
MCE02a	Commercial Deemed	Commercial Upgrade	MCE02
MCE02b	Commercial Custom		
MCE02c	Commercial SEM		
MCE02d	Commercial Normalized Metered Energy Consumption (“NMEC”)		
MCE07	Single Family Home Energy Report	Single Family Comprehensive	MCE07
MCE10a	Industrial Deemed	Industrial	MCE10
MCE10b	Industrial Custom		
MCE10c	Industrial SEM		
MCE10d	Industrial NMEC		
MCE11a	Agricultural Deemed	Agricultural	MCE11
MCE11b	Agricultural Custom		
MCE11c	Agricultural SEM		
MCE11d	Agricultural NMEC		

Short Description of Each Program:

- a) **Multifamily Energy Savings (“MFES”) (MCE01):** The MFES program provides technical assistance, rebates, and direct install energy efficiency measures. The program implements a comprehensive service model to offer technical assistance and guide property owners to the best-fit energy and resource conservation options. The program also provides participants with a uniform and integrated presentation of opportunities across programs with varied demand side management strategies.
- b) **Multifamily SEM (MCE01c):** MCE is proposing to launch a new Multifamily SEM program in 2022. The Multifamily SEM program will drive measurable savings by engaging with property owners and managers to implement energy efficiency projects and create an energy strategy with a focus on low to no-cost Behavioral, Retrocommissioning, and Operational (“BRO”) measures.

¹⁰ MCE made some program ID changes to its non-residential programs resulting from Program ID reorganization. The Commercial, Industrial, and Agricultural programs are broken out into four separate Program IDs for each participation pathway for the 2022 and 2023 ABAL filing. These new program ID changes will be reflected in CEDARS.

- c) **Commercial Deemed (MCE02a):** The Commercial Deemed program offers an easy and efficient pathway to encourage participation by offering a broad array of prescriptive measures and incentives.
- d) **Commercial Custom (MCE02b):** The Commercial Custom program provides a calculated approach to individualized offerings for commercial customers to install EE measures above code. The program is tailored towards meeting customer needs in the form of technical assistance, flexible incentives, and project management to deliver reliable and persistent electric and gas savings.
- e) **Commercial SEM (MCE02c):** The Commercial SEM program drives measurable savings by engaging with participants over at least two years to implement energy efficiency projects and create an energy strategy with a focus on low to no-cost BRO measures.
- f) **Commercial NMEC (MCE02d):** The Commercial NMEC program offers a flexible path for commercial aggregators to bridge the gap of customer needs and MCE's energy efficiency resource needs. This population-level NMEC program leverages a market platform to procure cost-effective energy efficiency, as well as benefits which accrue to ultra-low global warming potential (“GWP”) refrigerant projects. It aims to scale up investment in energy efficiency projects by paying participants a variable rate for savings that is grounded in avoided cost values, which fosters an emphasis on peak period savings and load-shaped energy efficiency. Aggregator payments are based on the meter-verified benefits of the project, net of administrative and customer costs.
- g) **Single Family Home Energy Reports (“HER”) (MCE07):** The Single Family HER program offers behavioral intervention strategies to residential participants with the goal of achieving short-term energy and cost savings that can persist and produce long-term behavior changes. The program fosters participant engagement and education through regular and participant-specific touch points in the form of digital home energy reports and a web-based education portal.
- h) **Industrial Deemed (MCE10a):** The Industrial Deemed program offers an easy and efficient pathway to encourage participation by offering a broad array of prescriptive measures and incentives. The program is offered to all industrial customers.
- i) **Industrial Custom (MCE10b):** The Industrial Custom program provides a calculated approach to custom offerings for customers to install measures above code. The program is tailored towards meeting industrial customer needs by providing technical assistance, incentives, and project management to deliver reliable and persistent electric and gas savings.
- j) **Industrial SEM (MCE10c):** The Industrial SEM program drives measurable savings by engaging with participants over at least two years to implement energy efficiency projects and create an energy strategy with a focus on low to no-cost BRO measures.
- k) **Industrial NMEC (MCE10d):** The Industrial NMEC program offers a meter-based alternative to custom project development for industrial customers. Whereas the Industrial SEM program is designed specifically for BRO savings, the Industrial NMEC program is geared towards projects that are similar to those that would be carried out in commercial buildings.

- l) **Agricultural Deemed (MCE11a):** The Agricultural Deemed program offers an easy and efficient pathway to encourage participation by offering a broad array of prescriptive measures and incentives. The program is offered to all agricultural customers and may facilitate opportunities for smaller business customers with low peak demands.
- m) **Agricultural Custom (MCE11b):** The Agricultural Custom program provides a calculated approach to custom offerings, technical assessments and increased financial incentives for customers to install measures above code.
- n) **Agricultural SEM (MCE11c):** The Agricultural SEM program drives measurable savings by engaging with participants over at least two years to implement energy efficiency projects and create an energy strategy with a focus on low to no-cost BRO measures.
- o) **Agricultural NMEC (MCE11d):** The Agricultural NMEC program offers a meter-based alternative to custom project development for Agricultural customers. Whereas the Agricultural SEM program is designed specifically for BRO savings, the Agricultural NMEC program is geared towards projects that are similar to those that would be carried out in commercial buildings.

Market Support

Per D.21-05-031, Market Support programs are defined as:

Programs with a primary objective of supporting the long-term success of the energy efficiency market by educating customers, training contractors, building partnerships, or moving beneficial technologies towards greater cost-effectiveness.¹¹

MCE has one program within the market support segment – the Workforce, Education and Training (“WE&T”) program. No energy savings are attributed to the program, but it directly supports MCE’s EE portfolio.

Table 2: MCE’s Market Support Programs in PY 2022 and 2023

Program ID	Program Name
MCE16	Workforce, Education, and Training (WE&T)

Short Description of Each Program:

Workforce, Education, and Training (“WE&T”) (MCE16): The WE&T program provides energy contractors working within MCE’s service area with no-cost technical trainings on home performance and electrification. The program also offers one-on-one field meetings with industry experts to help them identify savings opportunities and to receive feedback and technical best practices unique to their business. Furthermore, the program pairs qualifying contractors with pre-trained job seekers. Local job seekers receive home performance training, job coaching support, and are paired with contractors for a paid work experience with the goal of providing a sustainable career for the job seeker and a well-prepared staff member for the contractor.

¹¹ D.21-05-031 at p.14

Equity

Per D.21-05-031, Equity programs are defined as:

Programs with a primary purpose of providing energy efficiency to hard-to-reach or underserved customers and disadvantaged communities in advancement of the Commission’s Environmental and Social Justice (ESJ) Action Plan; Improving access to energy efficiency for ESJ communities, as defined in the ESJ Action Plan, may provide corollary benefits such as increased comfort and safety, improved indoor air quality, and more affordable utility bills, consistent with Goals 1, 2, and 5 in the ESJ Action Plan.¹²

MCE’s equity segment includes two programs to advance electrification and comprehensive EE upgrades in disadvantaged and underserved communities.

Table 3: MCE’s Equity Programs for PY 2022 and 2023

Program ID	Program Name
MCE08	Home Energy Savings
MCE17	Commercial Equity

Short Description of Each Program

- **Home Energy Savings (“HES”) (MCE08):** The HES program targets moderate-income customers that are hard-to-reach (“HTR”), located in Disadvantaged Communities (“DACs”), or whose household income falls between 200% and 400% of the Federal Poverty Guidelines (“FPG”). The target group’s income exceeds the limit to receive services through programs like PG&E’s Energy Savings Assistance (“ESA”) program and MCE’s Low-Income Families and Tenants (“LIFT”) Program but is too constrained to participate in market rate programs, i.e., lower middle-income customers. The program provides no-cost energy needs assessments and, as appropriate, comprehensive home energy efficiency and electrification upgrades.
- **Commercial Equity (MCE17):** MCE will launch a Commercial Equity program in 2023 with a focus on increasing participation for small businesses located within HTR and underserved communities.¹³

2. Updated Portfolio Goals

As authorized under D.21-09-037, MCE is updating its 2022-2023 portfolio goals in this ABAL.¹⁴ MCE’s portfolio goals were developed through an iterative, bottoms-up process that involves coordination between MCE staff, implementers, and technical consultants. MCE considered service area demographics, COVID-19 impacts, and other EE policy objectives when setting its updated portfolio goals for PYs 2022 and 2023.

¹² D.21-05-031 at p.14f

¹³ Underserved Community as defined in AB841.

¹⁴ D.21-09-037 at p.21

MCE establishes its energy savings goals for PYs 2022 and 2023 in Table 4 below.

Table 4: MCE's Updated Portfolio Goals for PYs 2022 and 2023

Program Year	TSB	Net kWh	Net kW	Net Therms (MM)
2022	13,995,061	15,037,357	1,370	2,087
2023	14,772,012	16,506,420	1,371	4,377

3. Goals, Cost-Effectiveness and Budget

Forecasted Savings, Cost-Effectiveness, and Budget for PYs 2022 ad 2023

Table 5 provides an overview of MCE's 2022 and 2023 forecasted portfolio energy savings, TSB, cost-effectiveness, and budget. The net savings, TRC, Program Administrator Cost ("PAC"), and Ratepayer Impact Measure ("RIM") forecast values exclude market effects. MCE is forecasting a portfolio that meets the cost-effectiveness requirement for the resource acquisition segment.

Table 5: MCE Forecasted Savings, CE, and Budget for PYs 2022 and 2023

PA Name: Marin Clean Energy													
Budget Year: 2022-2023													
Table 7 - PA Program Year Budget Savings													
Line	Sector	Program Year (PY) 2022 Budget	FORECAST ENERGY SAVINGS (Net)					Program Year (PY) 2023 Budget	FORECAST ENERGY SAVINGS (Net)				
			PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2		PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2
Resource Acquisition Program Segment													
	Residential	\$2,170,608	3,215,862	5	0.03	830	274	\$2,254,547	4,688,144	8	0.03	1,299	263
	Commercial	\$6,716,884	9,204,233	1,222	0.07	2,299	416	\$6,784,863	9,256,230	1,216	0.07	2,409	410
	Industrial	\$1,289,458	1,552,963	18	0.18	405	1,070	\$1,146,443	1,456,661	16	0.15	395	875
	Agriculture	\$804,948	976,693	75	0.03	258	183	\$796,274	981,779	80	0.03	270	182
	Emerging Tech	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	WE&T	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Finance	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	OB Loan Pool	\$0	-	-	-	-	-	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$10,984,898	14,949,752	1,320	0.32	3,792	1,942	\$10,980,124	16,382,814	1,320	0.28	4,372	1,730
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$13,619,451						\$14,377,414					
	Resource Acquisition Forecasted Total Resource Cost (TRC)	1.04						1.10					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	1.24						1.31					
Market Support Program Segment													
	Residential	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Commercial	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Industrial	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Agriculture	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Emerging Tech	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	WE&T	\$682,571	-	-	-	-	-	\$689,580	-	-	-	-	-
	Finance	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	OB Loan Pool	\$0	-	-	-	-	-	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$682,571	-	-	-	-	-	\$689,580	-	-	-	-	-
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$0.00						\$0.00					
	Resource Acquisition Forecasted Total Resource Cost (TRC)	-						-					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	-						-					
Equity Program Segment													
	Residential	\$2,366,392	123,605	51	0.02	5	145	\$2,384,874	123,605	51	0.02	4.9	145
	Commercial	\$82,107	-	-	-	-	-	\$687,666	-	-	-	-	-
	Industrial	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Agriculture	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Emerging Tech	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	WE&T	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Finance	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	OB Loan Pool	\$0	-	-	-	-	-	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$2,448,499	123,605	51	0.02	5	145	\$2,672,540	123,605	51	0.02	5	145
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$375,610						\$394,598					
	Resource Acquisition Forecasted Total Resource Cost (TRC)	0.17						0.14					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.17						0.14					
Portfolio													
	Residential	\$4,537,000	3,339,467	56	0.05	835	419	\$4,639,421	4,811,750	99	0.05	1,304	407
	Commercial	\$6,801,991	9,204,233	1,222	0.07	2,299	416	\$7,472,528	9,256,230	1,216	0.07	2,409	410
	Industrial	\$1,289,458	1,552,963	18	0.18	405	1,070	\$1,146,443	1,456,661	16	0.15	395	875
	Agriculture	\$804,948	976,693	75	0.03	258	183	\$796,274	981,779	80	0.03	270	182
	Emerging Tech	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	WE&T	\$682,571	-	-	-	-	-	\$689,580	-	-	-	-	-
	Finance	\$0	-	-	-	-	-	\$0	-	-	-	-	-
	OB Loan Pool	\$0	-	-	-	-	-	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$14,115,967	15,073,357	1,370	0.34	3,797	2,087	\$14,748,248	16,596,420	1,371	0.30	4,277	1,675
	Forecast savings as % of CPUC Savings Goal (w/o C&S)	#DIV/0!	100.0%	100.0%	100.0%	100.0%	100.0%	#DIV/0!	100.0%	100.0%	100.0%	100.0%	100.0%
7	Total EM&V ¹	\$588,165						\$614,510					
7a	PA EM&V	\$225,039						\$233,653					
7b	ED EM&V	\$363,126						\$380,857					
	Portfolio Forecasted Total System Benefit (TSB)	\$13,995,061						\$14,772,032					
	Portfolio Forecasted Total Resource Cost - TRC (w/o C&S and w/ EM&V)	0.84						0.85					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.96						0.97					
	Portfolio Forecasted Ratepayer Impact Measure (RIM)	0.98						0.97					
8	Codes and Standards	\$0						\$0					
9	PA Spending Budget Request ²	\$14,704,123						\$15,362,756					
10	(LES) PA Pre-2020 Uncommitted and Unspent Carryover Balance ³	\$315,181						\$0					
11	CEC AB 841 Program Funding ⁴	\$0						\$0					
12	Applicable percentage (70%) of difference between funding limitation and 2020 budget	\$0						\$0					
13	PA 2020 and Beyond Uncommitted and Unspent Carryover Balance ⁵	\$0						\$0					
14	CEC AB 841 Total Program Funding	\$0						\$0					
15	PA Revenue Requirement Request (Cost Recovery) ⁶	\$14,388,951						\$15,362,756					
	% of Equity and Market Support Program Budgets to PA Spending Budget Request (not to PA Authorized Budget Cap (D.18-05-041))	21%						29%					
16	PA Authorized Budget Cap (D.18-05-041)	\$10,958,000						\$10,958,000					
For C&A & RENS in IOU Service Territory Only - (IOU PA Only to complete)													
21	REN Budget Recovery Request	\$0						\$0					
21a	BayREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	\$0						\$0					
21b	SoCal REN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	\$0						\$0					
21c	3CREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	\$0						\$0					
21d	RCEA PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	\$0						\$0					
22	CCA Budget Recovery Request	\$0						\$0					
22a	MCE PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	\$0						\$0					
22b	Lancaster PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	\$0						\$0					
22c	Redwood Coast Energy Authority (excl. REN Uncommitted/Unspent Carryover)	\$0						\$0					
22d	San Jose Clean Energy (excl. REN Uncommitted/Unspent Carryover)	\$0						\$0					
17	Total PA (IOU+CCA+RENG) Recovery Budget ⁸	\$14,388,951						\$15,362,756					

¹ This is the MCE's requested EE Portfolio budget.

² The balance of unspent uncommitted reflects MCE's unspent uncommitted from Jan 1 2018 through Dec 31 of 2020. CCA/RENG 2020 unspent/uncommitted funds are not used for the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included here.

³ See D.21-01-004 Tables 2 (2022) and 3 (2023)

⁴ Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed. CCA/RENG 2020 unspent/uncommitted funds are not used for the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 7d. MCE is forecasting \$0 in unspent/uncommitted 2021 and 2022 program funds.

⁵ The amount of funds to be collected (cost recovery) for the PA EE Program Year = Line 9 - Line 10 + Line 12

⁶ Total amount to be requested in IOU's PPP advice letter for their programs, RENs and CCAs in their service territory, Line 15+ Line 21 + Line 22

⁷ For IOU, EM&V costs only includes IOU's Total EM&V budget (PA + ED) and does not include REN or CCA's EM&V budget. For RENs & CCAs, include EM&V PA Budget and EM&V ED = \$0.

Claimed and Evaluated Savings and Cost-Effectiveness for the EE Portfolio to Date

Per D.18-05-041, EE PAs must also report on claimed and evaluated savings, as well as CE to date.¹⁵ MCE reports on these values in Attachment D: the Budget Filing Detail Report, which is also downloadable from the CPUC’s CEDARS website.¹⁶

GHG Emissions

Pursuant to D.18-05-041, PAs also need to report on greenhouse gas (“GHG”) savings forecasts and actuals since the beginning of the rolling portfolio.¹⁷

Table 6: GHG Savings forecasts and actuals beginning with 2016

Program Year	GHG Forecast and Goal (Tons CO₂)	Actual GHG Savings (Tons CO₂)
2016	n/a	300
2017	919	750
2018	507	516
2019	3,051	1,417
2020	7,794	1,566

Budget Request

MCE is requesting a budget of \$14,704,132 for PY 22 and \$15,362,756 for PY 2023. Considering unspent funds from previous years, MCE proposes a 2022 and 2023 EE portfolio recovery budget of \$14,388,951 and \$15,362,756, respectively.

MCE’s forecasted portfolio budgets exceed the annual budgets authorized in D.18-05-041. However, D.18-05-041 allows PAs to request unrequested funds as long as the total requested funding stays below the cumulative budget cap for the business plan period.¹⁸ As shown in Table 7 below, including 2022 and 2023 forecasted portfolio budgets, MCE will have \$15.5 Million in unrequested funds remaining for the current business plan period. The remaining amount in unrequested funds was adjusted for the fact that the new upcoming application will be in effect for 2024 and beyond.¹⁹

¹⁵ D.18-05-041 at p. 124.

¹⁶ Download the Budget Filing Detail Report at: <https://cedars.sound-data.com/filings/list/>

¹⁷ D.18-05-041 at p.127

¹⁸ D.18-05-041 at p. 132.

¹⁹ See Attachment C: MCE Budget and Savings True Up Tables

Table 7: MCE Budget and Savings True-Up

Sector	Annual Rolling Portfolio Budget Forecast - True-up								
	2018**	2019	2020	2021	2022	2023	2024	2025	Total
Residential	\$ 558,107	\$ 1,317,213	\$ 1,094,802	\$ 2,733,236	\$ 4,537,000	\$ 4,639,421	\$ -	\$ -	\$14,879,779
Commercial	\$ 617,207	\$ 643,277	\$ 1,015,506	\$ 7,010,541	\$ 6,801,991	\$ 7,472,528	\$ -	\$ -	\$23,561,051
Industrial	\$ 137,360	\$ 113,244	\$ 592,732	\$ 871,077	\$ 1,289,458	\$ 1,144,443	\$ -	\$ -	\$ 4,148,314
Agriculture	\$ -	\$ 93,618	\$ 233,243	\$ 468,195	\$ 804,948	\$ 796,274	\$ -	\$ -	\$ 2,396,278
Emerging Tech	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Codes and Standards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WE&T	\$ -	\$ -	\$ 118,326	\$ 361,481	\$ 682,571	\$ 695,580	\$ -	\$ -	\$ 1,857,958
Finance	\$ 18,524	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,524
OBFL Loan Pool	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 1,331,198	\$ 2,167,352	\$ 3,054,610	\$11,444,530	\$14,115,967	\$14,748,246	\$ -	\$ -	\$46,861,902
EM&V	\$ 16,590	\$ 95,351	\$ 25,622	\$ 119,113	\$ 588,165	\$ 614,510	\$ -	\$ -	\$ 1,459,351
Total Portfolio Program Year PA Budget	\$ 1,347,788	\$ 2,262,703	\$ 3,080,232	\$11,563,643	\$14,704,132	\$15,362,756	\$ -	\$ -	\$48,321,253
Total PY Unrequested Funds	\$ 7,184,212	\$ 6,269,298	\$ 9,323,768	\$ 840,357	\$ (3,706,132)	\$ (4,364,756)	\$10,998,000	\$10,870,000	\$37,414,747
Total Cumulative Unrequested Funds	\$ 7,184,212	\$13,453,510	\$22,777,278	\$23,617,635	\$19,911,503	\$15,546,747	\$26,544,747	\$37,414,747	\$37,414,747
Total Authorized Portfolio PY Budget Cap	\$ 8,532,000	\$ 8,532,000	\$12,404,000	\$12,404,000	\$10,998,000	\$10,998,000	\$10,998,000	\$10,870,000	\$85,736,000

*2018 - 2020 are actual expenditures. 2021 - 2023 are forecasted expenditures.

** "Reset" 2018 budget at or below 2018 annual budget approved in Business plan Decision. "True-up" years 2019-2025.

MCE request Pacific Gas and Electric Company (“PG&E”) provide the 2022 and 2023 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 2022 and 2023 EM&V budgets as specified below by January 15 of each program year. MCE’s EM&V budget requests are consistent with the 4 percent EM&V budget cap for the total portfolio budget adopted in D.09-09-047.²⁰ MCE is requesting an increase of its portion of the EM&V budget to 40 percent per D.16-08-019.²¹ MCE’s 2022 and 2023 EM&V forecast includes estimated costs for a portfolio-level process evaluation and a Commercial EE Market process evaluation. The process evaluations will help MCE improve program coordination, provide more effective delivery of services within the sectors served by MCE, and provide market insight that could be used to refine or develop new program areas.

In summary, MCE requests PG&E transfer the following funds to MCE for PYs 2022 and 2023.

Table 8: 2022 Fund Transfers from PG&E to MCE

Fuel Type	Quarterly Transfer	
Total Electric Budget	\$9,831,573	\$2,457,893
Total Gas Budget	\$3,969,213	\$992,303
Subtotal	\$13,800,787	\$3,450,197
EM&V	\$588,165	One-Time Transfer
Total	\$14,388,951	

²⁰ D.09-09-047, *Decision Approving 2010 to 2012 Energy Efficiency Portfolios and Budgets*, OP 50 at p. 390.

²¹ D.16-08-019, *Decision Providing Guidance for Initial Energy Efficiency Rolling Portfolio Business Plan Filings*, OP 16 at p. 112.

Table 9: 2023 Fund Transfers from PG&E to MCE

Fuel Type		Quarterly Transfer
Total Electric Budget	\$10,590,395	\$2,647,599
Total Gas Budget	\$4,157,851	\$1,039,463
Subtotal	\$14,748,246	\$3,687,061
EM&V	\$614,510	One-Time Transfer
Total	\$15,362,756	

Historical Budget Information

Information regarding historic program, sector, and portfolio budgets as well as authorized budgets, actual expenditures, and annual budget caps in the business plan period can be found in both Attachment C: Budget and Savings True Up Tables and Attachment D: the Budget Filing Detail Report.

4. Cost-Effectiveness Details

Cost Effectiveness Challenges

The introduction of portfolio segmentation and limiting the cost-effectiveness requirement to the resource acquisition segment have helped overall portfolio cost-effectiveness. However, the following cost-effectiveness issues remain:

- As the Covid-19 pandemic continues, implementing energy efficiency programs continues to be a challenge. There are still major delays and setbacks in project completion timelines due to supply chain delays, competing priorities, worsened funding constraints, and COVID-safe protocols for all stages of program implementation. Additionally, there has been an increase in tenant turnover in rented spaces, which prevented access to certain efficiency programs due to the lack of 12-months of energy usage history for new tenants.
- The Cost-Effectiveness Tool (“CET”) does not allow for custom load shapes resulting in inaccurate avoided cost benefits for meter-based programs that target reduction in peak demand. To bring the avoided cost benefits into alignment with the true value of load reduction during peak hours, PAs need to be able to claim savings in the hours they occur using custom load shapes in the CET rather than predetermined load shapes based on the average performance of deemed measures.
- While the equity and market support segments allow program administrators to focus on other important policy objectives, the 30 percent cap for those segments may not be enough for smaller PAs to provide comprehensive equity programs and the Commission should consider expanding the cap.

Portfolio Strategies to Improve Cost-Effectiveness

MCE describes below some of the cost-effectiveness strategies that will improve MCE’s portfolio energy savings, TSB and cost-effectiveness.

- For the Single Family HER program, MCE opted to sunset all paper home energy reports to counter any costs associated with superfluous mailings that did not translate to energy savings. This effort is expected to save program expenses and effectively raise cost-effectiveness;
- MCE’s new multi-family SEM program will achieve short-term behavioral energy savings at a cost that will be balanced by the cost-savings associated with it. By educating property owners and managers, the program will also lend itself to long-term energy savings when participants change out equipment with more efficient models and adopt other strategies for long-term energy savings;
- With SEM currently delivering the most cost-effective savings in the non-residential portfolio, MCE plans to offer SEM Cycle 2 (years 3 and 4) to continue customer engagement and achieve deeper savings with current participants completing year 2;
- Continue to target high value, peak period savings, and pay for the hourly value of savings net of project cost and administrative costs to drive a cost-effective portfolio via the Commercial NMEC program. Wherever possible, stack the value of demand response and load shifting into existing energy efficiency program designs to consolidate administrative costs;
- Expand the impact of the Commercial NMEC program by increasing the overall size of the market (e.g., through available budget), enrolling additional aggregators, and growing aggregator portfolios for increased market penetration and high-value savings;
- Incorporate the GHG benefits of refrigerant change projects within existing energy efficiency programs. The Commercial NMEC program presents an excellent opportunity to ensure that this is accomplished cost-effectively, by settling with participating aggregators on the delivered benefits net of project and administrative costs;
- Re-evaluated incentive rates by measure code, customer classification and technology;
- Continue to track and monitor COVID-19 impacts;
- Test alternative marketing strategies to increase customer participation such as case studies and customer testimonials. Increase MCE brand awareness;
- Strengthen engagement with City, County and local community-based organizations (“CBOs”) to increase program awareness.

5. Portfolio and Program Changes

New Programs

MCE is introducing two new programs into its 2022 and 2023 portfolio. The multi-family SEM program is expected to launch in 2022 and the Commercial Equity program is expected to launch in 2023. However, The Commercial Equity program will incur expenditures to be reported in 2022 as a result of program development.

The multi-family SEM program will drive measurable savings by engaging with property owners and managers to implement energy efficiency projects and create an energy strategy with a focus on low to no-cost BRO measures. The Commercial Equity program will focus on increasing participation for small businesses located within hard-to-reach, underserved and disadvantaged communities. The new programs are listed in Table 10 below.

Table 10: New Programs in PY 2022 and 2023

Program ID	Program Name	Effective Year	Program
MCE01c	Multifamily Strategic Energy Management (SEM)	2022	
MCE17	Commercial Equity	2023	

Changes to Existing Programs

This section describes some of the program-level changes that MCE plans to implement in 2022 and 2023.

Multi-family Energy Savings (MCE01): MFES will expand the program’s marketing activities to target communities that fall within the DAC categorization (as identified by CalEnviroScreen) and other historically underserved communities to increase participation of naturally occurring affordable housing (“NOAHs”).

The MFES program will also pair energy efficiency measures with electrification measures to support the transition away from fossil fuels, create a healthier indoor environment for its communities, and reduce equipment and overall utility costs where feasible.

Single-Family Home Energy Report (HER) (MCE07): The program will add a SmartShop online portal to lead participants to local money- and energy-saving opportunities. By connecting participants to local vendors (contractors and retailers), they can more efficiently shop for energy-saving measures and products. Also, the Single-Family HER program will no longer offer paper Home Energy Reports to make the program as cost-effective as possible. Paper HERs are not cost effective due to the extensive use of paper and mailing resources, which are not necessary with a digital-only campaign.

Home Energy Savings (HES) (MCE08): The Home Energy Savings program has expanded its implementation model to offer in-person assessments and contractor installation of all measures, including the energy-saving kit measures that were previously being mailed and self-installed by the customer, due to COVID-19. Offering a more traditional model that allows our trade ally to enroll customers, conduct a home assessment, and install all measures improves the overall efficiency and effectiveness of the program and provides greater customer service.

Existing Program IDs Split into Multiple Program IDs: MCE is splitting up three of its 2021 existing program IDs into multiple unique program IDs for existing sub-programs as shown in table 11 below. For example, in the case of the Commercial Upgrade Program, MCE has already been running deemed, custom, SEM, and NMEC sub-programs in 2021. To increase accuracy of program reporting and improve program performance transparency, MCE is now splitting these sub-programs out in unique program IDs in 2022, i.e., Commercial Deemed (MCE02a), Commercial Custom (MCE02b), Commercial SEM (MCE02c) and Commercial NMEC (MCE02d).

These program ID changes will be reflected in the California Energy Data and Reporting System (“CEDARS”).

Table 11: 2021 Program IDs Split into Multiple 2022 and 2023 Program IDs

2022 and 2023 Program ID	2022 and 2023 Program Name	Corresponding 2021 Program ID	Corresponding 2021 Program Name
MCE02a	Commercial Deemed	Commercial Upgrade	MCE02
MCE02b	Commercial Custom		
MCE02c	Commercial SEM		
MCE02d	Commercial NMEC		
MCE10a	Industrial Deemed	Industrial	MCE10
MCE10b	Industrial Custom		
MCE10c	Industrial SEM		
MCE10d	Industrial NMEC		
MCE11a	Agricultural Deemed	Agricultural	MCE11
MCE11b	Agricultural Custom		
MCE11c	Agricultural SEM		
MCE11d	Agricultural NMEC		

6. Metrics

Pursuant to D.18-05-041, MCE reported on sector-level metrics and their associated targets for all program years up to 2020 in its EE Annual Report submissions.²² They can be downloaded in spreadsheet form on the CPUC’s data reporting website, CEDARS.²³ 2022 and 2023 metrics targets are provided in Attachment A: Budget Filing Appendix.

Notice

A copy of this AL is being served on the official Commission service lists for Application 17-01-013, *et al.* and Rulemaking 13-11-005.

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.

Protests

MCE respectfully requests that the Commission reopen the protest period for a 5-day period after the date of this advice letter.

Anyone wishing to protest this advice filing may do so by letter via U.S. Mail, facsimile, or electronically. Protests should be mailed to:

²² See OP 9 of D.18-05-041.

²³ See MCE’s 2020 Annual Report Narrative and Excel (including Metrics) at: <https://cedars.sound-data.com/documents/standalone/list/>.

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: 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 by letter and transmitted electronically to the attention of:

Jana Kopyciok-Lande
Strategic Policy Manager
MARIN CLEAN ENERGY
1125 Tamalpais Ave.
San Rafael, CA 94901
Phone: (415) 464-6044
Facsimile: (415) 459-8095
jkopyciok-lande@mceCleanEnergy.org

Alice Havenar-Daughton
Director of Customer Programs
MARIN CLEAN ENERGY
1125 Tamalpais Ave.
San Rafael, CA 94901
Phone: (415) 464-6030
Facsimile: (415) 459-8095
ahavenar-daughton@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.

Correspondence

For questions, please contact Jana Kopyciok-Lande at (415) 464-6044 or by electronic mail at jkopyciok-lande@mceCleanEnergy.org.

Conclusion

MCE respectfully requests approval of its 2022-2023 energy efficiency portfolio budgets.

/s/ Jana Kopyciok-Lande

Jana Kopyciok-Lande
Strategic Policy Manager
MARIN CLEAN ENERGY

ATTACHMENTS

- (1) Attachment A: MCE Budget Filing Appendix
- (2) Attachment E: MCE CEDARS Filing Submission Receipt

cc: Service Lists: R.13-11-005; A17-01-013, *et al.*



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 proposed¹:

Pending advice letters that revise the same tariff sheets:

¹Discuss in AL if more space is needed.

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

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

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

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

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
Curtable 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	

ATTACHMENT A

MCE Budget Filing Appendix

Pa Name:
 Budget Year:
 (This Table applies only to the IOU PAs)

Table 1 -Bill Payer Impacts - Rates by Customer Class				
	Electric Average Rate (Res and Non-Res) \$/kwh	Gas Average Rate (Res and Non-Res) \$/therm	Total Average Annual Bill Savings by Year (\$)	Total Average Lifecycle Bill Savings (\$)
Present Rates - System Average				
2021*				
2022				
2023				

* = Based on [\[relevant date\]](#) current effective rates

Total Average Annual Bill Savings by Year (\$) Electric Average Rate (Res and Non-Res) \$/kwh * Total First Year Electric Net Savings KWH + Gas Average Rate(Res and Non-Res) \$/therm * Total First Year Gas Net Savings Therm
 Total Average Lifecycle Bill Savings (\$) Electric Average Rate (Res and Non-Res) \$/kwh * Total Lifecycle Electric Net Savings KWH + Gas Average Rate(Res and Non-Res) \$/therm * Total Lifecycle Gas Net Savings Therm

Pa Name: Marin Clean Energy
 Budget Year: 2022-2023

Table 3 - Budget and Cost Recovery by Funding Source

PA EE Programs and EM&V	2022	2023
Annual PA Spending Budget Request (Program and EM&V total)	\$ 14,704,132	\$ 15,362,756
CEC AB 841 Program Budget Request		
Applicable percentage of difference between funding limitation and 2020 budget (70% for 2022 and 60% for 2023) ¹	\$ -	\$ -
Plus 2020 and Beyond Uncommitted and Unspent Carryover Balance	\$ -	\$ -
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)	\$ 14,704,132	\$ 15,362,756

¹ Applicable percentage is 70% for 2022 and 60% for 2023.

Table 3b - Budget by Funding Source

Portfolio Budget (Before Carryover)	2022 Budget	2022 %Allocation	2023 Budget	2023 %Allocation
Electric Procurement EE Funds	\$ 10,475,110	71%	\$ 11,031,661	72%
Gas PPP Surcharge Funds	\$ 4,229,023	29%	\$ 4,331,095	28%
Total Funds	\$ 14,704,132		\$ 15,362,756	

Table 3c - Revenue Requirement for Cost Recovery by Funding Source

Authorized Funding in Rates (including Unspent/Uncommitted Funds)	2022 Revenue Requirement	2022 %Allocation after Carryover adjustment	2023 Revenue Requirement	2023 %Allocation after Carryover adjustment
Electric Procurement EE Funds	\$ 10,250,577	71%	\$ 11,031,661	72%
Gas PPP Surcharge Funds	\$ 4,138,374	29%	\$ 4,331,095	28%
Total Funds	\$ 14,388,951		\$ 15,362,756	

Table 3d - Unspent/Uncommitted Carryover Funds (in positive \$ amounts)

Program Unspent/Uncommitted Funds	2022			2023		
	Electric	Gas	Total	Electric	Gas	Total
Pre-2020	\$ 224,532	\$ 90,648	\$ 315,181	\$ -	\$ -	\$ -
2020 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 224,532	\$ 90,648	\$ 315,181	\$ -	\$ -	\$ -

EM&V Unspent/Uncommitted Funds	2022			2023		
	Electric	Gas	Total	Electric	Gas	Total
Pre-2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total Unspent/Uncommitted Funds	2022			2023		
	Electric	Gas	Total	Electric	Gas	Total
Pre-2020	\$ 224,532	\$ 90,648	\$ 315,181	\$ -	\$ -	\$ -
2020 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022 ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 224,532	\$ 90,648	\$ 315,181	\$ -	\$ -	\$ -

Note on Table 3d
 Any actual uncommitted/unspent funds for 2023 will be true-up in the IOU's respective electric and gas PPP annual rates advice letter for 2023.
 2 These funds are assigned to CEC AB 841

Table 3e - Total Requested Revenue Recovery 2022-2023 Portfolio - Demand Response & Energy Efficiency^{1,2}

	2022				2023			
	Demand Response	Energy Efficiency			Demand Response	Energy Efficiency		
		Electric Demand Response Funds	Electric Energy Efficiency Funds	Natural Gas Public Purpose Funds		Total Energy Efficiency Funds	Electric Demand Response Funds	Electric Energy Efficiency Funds
Program Funds - PA ⁴	\$ -	\$ 9,831,573	\$ 3,969,213	\$ 13,800,787	\$ -	\$ 10,590,395	\$ 4,157,851	\$ 14,748,246
Program Funds - CEC ³	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Program Funds - REN ³	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Program Funds - CCA ³	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
EM&V ⁵	\$ -	\$ 419,004	\$ 169,161	\$ 588,165	\$ -	\$ 441,267	\$ 173,244	\$ 614,510
Budget Total	\$ -	\$ 10,250,577	\$ 4,138,374	\$ 14,388,951	\$ -	\$ 11,031,661	\$ 4,331,095	\$ 15,362,756

Notes:
 1 Authorized budget excludes reductions from past unspent funds, carryover and is consistent with funding approved in D. 09-09-047, D. 12-11-015, D.14-10-046 and D.15-10-028, D.18-05-041 and D.21-01-004.
 2 MCE is the PA. Therefore, the CCA row is empty.
 3 This represent total PA + EM&V minus any relevant unspent/uncommitted funds that offset the recovery request.
 4 Program Funds represents the total program budget, excluding EM&V. Only the electric IOU PAs will complete the Demand Response funding columns.
 5 Only the IOU completes this line and should be consistent table 7.

Pa Name: Marin Clean Energy

Budget Year: 2022-2023

(report budgets to the \$--do not round)

Table 4 – Budget, Spent, Unspent, Carryover Details

New/Existing Program #	Discontinued Program #	Program Name	Target Exempt	Program Type	Business Sector	Portfolio Segment	Pre-2020 Unspent/Uncommitted EE Funds ⁶	2021 Authorized Budget	2021 Forecasted Unspent/Uncommitted Funds as of 7/31/2021	2021 Budget Spent as of 07/31/2021
MCE01		Multifamily Energy Savings	No	Core PA	Residential	Resource Acquisition		\$ 468,305	\$ -	\$ 150,362
MCE01c		Multifamily SEM	No	Core PA	Residential	Resource Acquisition			\$ -	\$ -
MCE02a		Commercial Deemed	No	Core PA	Commercial	Resource Acquisition		\$ 7,010,541	\$ -	\$ 600,654
MCE02b		Commercial Custom	No	Core PA	Commercial	Resource Acquisition			\$ -	\$ -
MCE02c		Commercial SEM	No	Core PA	Commercial	Resource Acquisition			\$ -	\$ -
MCE02d		Commercial NMEC	No	Core PA	Commercial	Resource Acquisition			\$ -	\$ -
MCE17		Commercial Equity	No	Core PA	Commercial	Equity			\$ -	\$ -
MCE07		Single Family Home Energy Report (HER)	No	Core PA	Residential	Resource Acquisition		\$ 687,099	\$ -	\$ 194,644
MCE08		Home Energy Savings (HES)	No	Core PA	Residential	Equity		\$ 1,577,832	\$ -	\$ 580,212
MCE10a		Industrial Deemed	No	Core PA	Industrial	Resource Acquisition		\$ 871,077	\$ -	\$ 226,811
MCE10b		Industrial Custom	No	Core PA	Industrial	Resource Acquisition			\$ -	\$ -
MCE10c		Industrial SEM	No	Core PA	Industrial	Resource Acquisition			\$ -	\$ -
MCE10d		Industrial NMEC	No	Core PA	Industrial	Resource Acquisition			\$ -	\$ -
MCE11a		Agricultural Deemed	No	Core PA	Agriculture	Resource Acquisition		\$ 468,195	\$ -	\$ 122,778
MCE11b		Agricultural Custom	No	Core PA	Agriculture	Resource Acquisition			\$ -	\$ -
MCE11c		Agricultural SEM	No	Core PA	Agriculture	Resource Acquisition			\$ -	\$ -
MCE11d		Agricultural NMEC	No	Core PA	Agriculture	Resource Acquisition			\$ -	\$ -
MCE16		Workforce, Education, and Training (WE&T)	Yes	Core PA	WE&T	Market Support		\$ 361,481	\$ -	\$ 178,565
		PA PROGRAM TOTAL					\$ 315,181	\$ 11,444,530	\$ -	\$ 2,054,026
		EM&V (PA & ED Portions) Total ⁵								
		EM&V - PA								\$ 34,986
		EM&V - ED								\$ -
		EM&V TOTAL								\$ 34,986
		PA Program and EM&V Total					\$ 315,181	\$ 11,444,530	\$ -	\$ 2,089,012
		CEC AB 841 Program Budget--IOU PA only								
		Applicable Annual % of difference between funding limitation & 2020 EE ABAL budget ³								
		IOU 2020 and Beyond Uncommitted and Unspent Carryover Balance								
		CEC AB 841 Total								
		PA Spending Budget Request (PA Program and EM&V + CEC AB 841)					\$ 315,181	\$ 11,444,530	\$ -	\$ 2,089,012
		Financing Pilot Programs								
		Financing Pilot Programs Total					\$ -	\$ -	\$ -	\$ -
		ME&O & ESA								
		ME&O ¹								
		ESA ²								

Notes: (PA to add as needed, e.g., relevant advice letter references, decision references and any other needed explanations.)

1. Not applicable to MCE

2. Not applicable to MCE

3. Per D.21-01-004, percentage allocation is 70% for 2022 and 60% for 2023. Not applicable to MCE.

4 Add footnote on Non-EE budgeted overheads.

⁵ For all PAs, EM&V costs only includes IOU's Total EM&V budget (PA + ED). For the IOU EM&V budget it does not include REN or CCAs EM&V budget.

⁶ PAs have the option of inputting by program or by total. MCE provided the total unspent/uncommitted at the portfolio-level. MCE's unspent and uncommitted funds are from 2019 and 2020. Unlike the IOUs, MCE's 2020 unspent/uncommitted does not carryover for CEC AB841 funding.

Pa Name: Marin Clean Energy

Budget Year: 2022-2023

(report budgets to the \$--do not round)

Table 4 – Budget, Spent, Unspent, Carryover Details

2022																		
New/Existing Program #	Discontinued Program #	Program Name	Administrative	Marketing/ Outreach	Direct Implementation Non-Incentive	Incentive/ Rebate	2022 PA Spending Budget Request	2022 PA Pre-2020 Uncommitted and Unspent Carryover Balance	2022 PA Revenue Requirement Request	First Year Net KWH	First Year Net KW	First Year Net Therms	First Year Net Elec CO2 (ton)	First Year Net Gas CO2 (ton)	Lifecycle Net KWH	Lifecycle Net Therms	Lifecycle Net Elec CO2 (Ton)	Lifecycle Net Gas CO2 (Ton)
MCE01		Multifamily Energy Savings	\$ 72,096	\$ -	\$ 196,599	\$ 748,781	\$ 1,017,476	\$ -	\$ 1,017,476	402,371.89	5.20	2,346.27	2.66	91.82	5,533,599.11	29,890.67	(10.57)	1,279.82
MCE01c		Multifamily SEM	\$ 72,096	\$ -	\$ 592,631	\$ 45,167	\$ 709,894	\$ -	\$ 709,894	1,245,999.00	-	31,149.00	381.05	182.22	6,229,995.00	155,745.00	1,962.07	911.11
MCE02a		Commercial Deemed	\$ 52,026	\$ -	\$ 85,130	\$ 101,935	\$ 239,091	\$ -	\$ 239,091	223,872.94	42.90	1,863.69	57.85	10.90	2,060,035.20	7,864.20	618.89	46.01
MCE02b		Commercial Custom	\$ 52,026	\$ -	\$ 583,363	\$ 288,498	\$ 923,887	\$ -	\$ 923,887	1,681,960.50	90.42	19,224.02	432.45	112.46	21,418,440.06	278,823.55	6,622.08	1,686.91
MCE02c		Commercial SEM	\$ 26,852	\$ -	\$ 360,114	\$ 87,833	\$ 474,799	\$ -	\$ 474,799	800,400.00	-	32,043.30	210.08	187.45	4,002,000.00	160,216.50	1,119.31	937.27
MCE02d		Commercial NMEC	\$ 60,417	\$ -	\$ 1,421,690	\$ 3,600,000	\$ 5,082,107	\$ -	\$ 5,082,107	6,498,000.00	1,088.38	17,971.30	1,598.38	105.13	77,976,000.00	215,655.62	22,134.05	1,261.59
MCE17		Commercial Equity	\$ 60,417	\$ -	\$ 21,690	\$ -	\$ 82,107	\$ -	\$ 82,107	-	-	-	-	-	-	-	-	-
MCE07		Single Family Home Energy Report (HER)	\$ 110,817	\$ -	\$ 254,046	\$ 78,375	\$ 443,238	\$ -	\$ 443,238	1,567,491.00	-	-	446.67	-	1,567,491.00	-	446.67	-
MCE08		Home Energy Savings (HES)	\$ 140,191	\$ -	\$ 750,809	\$ 1,475,392	\$ 2,366,392	\$ -	\$ 2,366,392	123,605.49	50.57	21,003.87	4.83	144.67	1,782,594.14	332,265.14	118.76	2,278.39
MCE10a		Industrial Deemed	\$ 30,625	\$ -	\$ 199,794	\$ 19,502	\$ 249,921	\$ -	\$ 249,921	65,880.98	13.71	45,510.50	17.29	266.24	329,404.90	168,388.87	92.13	985.07
MCE10b		Industrial Custom	\$ 30,625	\$ -	\$ 208,620	\$ 89,796	\$ 329,041	\$ -	\$ 329,041	167,081.89	4.41	43,693.20	43.55	255.61	2,377,929.85	527,536.69	751.64	3,086.09
MCE10c		Industrial SEM	\$ 30,625	\$ -	\$ 544,006	\$ 81,965	\$ 656,596	\$ -	\$ 656,596	1,320,000.00	-	93,620.80	344.09	547.68	6,600,000.00	468,104.00	1,837.58	2,738.41
MCE10d		Industrial NMEC	\$ 30,625	\$ -	\$ 23,275	\$ -	\$ 53,900	\$ -	\$ 53,900	-	-	-	-	-	-	-	-	-
MCE11a		Agricultural Deemed	\$ 19,802	\$ -	\$ 72,755	\$ 10,707	\$ 103,263	\$ -	\$ 103,263	78,654.71	0.65	1,662.26	20.81	9.72	400,291.50	6,150.35	112.47	35.98
MCE11b		Agricultural Custom	\$ 19,802	\$ -	\$ 175,572	\$ 94,139	\$ 289,513	\$ -	\$ 289,513	370,038.69	74.01	8,493.79	97.89	49.69	5,550,580.39	115,811.24	1,764.95	677.50
MCE11c		Agricultural SEM	\$ 19,802	\$ -	\$ 286,298	\$ 41,198	\$ 347,297	\$ -	\$ 347,297	528,000.00	-	21,070.00	139.68	123.26	2,640,000.00	105,350.00	739.94	616.30
MCE11d		Agricultural NMEC	\$ 19,802	\$ -	\$ 45,073	\$ -	\$ 64,875	\$ -	\$ 64,875	-	-	-	-	-	-	-	-	-
MCE16		Workforce, Education, and Training (WE&T)	\$ 141,407	\$ -	\$ 541,163	\$ -	\$ 682,571	\$ -	\$ 682,571	-	-	-	-	-	-	-	-	-
PA PROGRAM TOTAL			\$ 990,052	\$ -	\$ 6,362,628	\$ 6,763,287	\$ 14,115,967	\$ -	\$ 14,115,967	15,073,357.09	1,370.25	339,652.01	3,797.27	2,086.86	138,468,361.16	2,571,801.84	38,309.97	16,540.42
EM&V (PA & ED Portions) Total ⁵																		
EM&V - PA							\$ 225,039		\$ 225,039									
EM&V - ED							\$ 363,126		\$ 363,126									
EM&V TOTAL							\$ 588,165	\$ -	\$ 588,165									
PA Program and EM&V Total			\$ 990,052	\$ -	\$ 6,362,628	\$ 6,763,287	\$ 14,704,132	\$ -	\$ 14,704,132	15,073,357.09	1,370.25	339,652.01	3,797.27	2,086.86	138,468,361.16	2,571,801.84	38,309.97	16,540.42
CEC AB 841 Program Budget--IOU PA only																		
Applicable Annual % of difference between funding limitation & 2020 EE ABAL budget 3							\$ -		\$ -									
IOU 2020 and Beyond Uncommitted and Unspent Carryover Balance							\$ -	\$ -	\$ -									
CEC AB 841 Total							\$ -	\$ -	\$ -									
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)			\$ 990,052	\$ -	\$ 6,362,628	\$ 6,763,287	\$ 14,704,132	\$ -	\$ 14,704,132	15,073,357.09	1,370.25	339,652.01	3,797.27	2,086.86	138,468,361.16	2,571,801.84	38,309.97	16,540.42
Financing Pilot Programs																		
							\$ -		\$ -									
							\$ -		\$ -									
							\$ -		\$ -									
							\$ -		\$ -									
							\$ -		\$ -									
Financing Pilot Programs Total			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	-	-	-	-	-
ME&O & ESA																		
ME&O ¹							\$ -		\$ -									
ESA ²							\$ -		\$ -									
							\$ -		\$ -									

Notes: (PA to add as needed, e.g., relevant advice letter references, decision references and any other nec
1. Not applicable to MCE
2. Not applicable to MCE
3. Per D.21-01-004, percentage allocation is 70% for 2022 and 60% for 2023. Not applicable to MCE.
4. Add footnote on Non-EE budgeted overheads.
⁵ For all PAs, EM&V costs only includes IOU's Total EM&V budget (PA + ED). For the IOU EM&V budget it doe
⁶ PAs have the option of inputting by program or by total. MCE provided the total unspent/uncommitted at th

Pa Name: Marin Clean Energy

Budget Year: 2022-2023

(report budgets to the \$--do not round)

Table 4 – Budget, Spent, Unspent, Carryover Details

2023																		
New/Existing Program #	Discontinued Program #	Program Name	Administrative	Marketing/ Outreach	Direct Implementation Non-Incentive	Incentive/Rebate	2023 PA Spending Budget Request	2023 PA Pre-2020 Uncommitted and Unspent Carryover Balance	2023 PA Revenue Requirement Request	First Year Net KWH	First Year Net KW	First Year Net Therms	First Year Net Elec CO2 (ton)	First Year Net Gas CO2 (ton)	Lifecycle Net KWH	Lifecycle Net Therms	Lifecycle Net Elec CO2 (Ton)	Lifecycle Net Gas CO2 (Ton)
MCE01		Multifamily Energy Savings	\$ 78,729	\$ -	\$ 245,619	\$ 647,111	\$ 971,459	\$ -	\$ 971,459	337,483	8	2,687	(3)	86	5,533,599	29,891	(68)	1,100
MCE01c		Multifamily SEM	\$ 78,729	\$ -	\$ 631,823	\$ 49,024	\$ 759,576	\$ -	\$ 759,576	1,381,598	-	30,304	432	177	6,229,995	155,745	2,219	886
MCE02a		Commercial Deemed	\$ 56,813	\$ -	\$ 79,504	\$ 79,355	\$ 215,671	\$ -	\$ 215,671	194,070	38	2,071	52	12	2,060,035	7,864	565	57
MCE02b		Commercial Custom	\$ 56,813	\$ -	\$ 633,224	\$ 319,868	\$ 1,009,905	\$ -	\$ 1,009,905	1,763,760	90	18,075	477	106	21,460,335	288,360	7,073	1,619
MCE02c		Commercial SEM	\$ 29,323	\$ -	\$ 354,466	\$ 87,833	\$ 471,621	\$ -	\$ 471,621	800,400	-	32,043	218	187	4,002,000	160,217	1,153	937
MCE02d		Commercial NMEC	\$ 65,976	\$ -	\$ 1,421,690	\$ 3,600,000	\$ 5,087,666	\$ -	\$ 5,087,666	6,498,000	1,088	17,971	1,662	105	77,976,000	215,656	22,638	1,262
MCE17		Commercial Equity	\$ 65,976	\$ -	\$ 621,690	\$ -	\$ 687,666	\$ -	\$ 687,666	-	-	-	-	-	-	-	-	-
MCE07		Single Family Home Energy Report (HER)	\$ 121,012	\$ -	\$ 254,046	\$ 148,453	\$ 523,511	\$ -	\$ 523,511	2,969,063	-	-	-	871	-	-	-	871
MCE08		Home Energy Savings (HES)	\$ 151,504	\$ -	\$ 757,983	\$ 1,475,387	\$ 2,384,874	\$ -	\$ 2,384,874	123,605	51	21,008	5	145	1,787,344	339,809	120	2,279
MCE10a		Industrial Deemed	\$ 25,149	\$ -	\$ 222,960	\$ 19,502	\$ 267,611	\$ -	\$ 267,611	65,881	14	45,511	18	266	329,405	168,389	95	985
MCE10b		Industrial Custom	\$ 25,149	\$ -	\$ 143,450	\$ 52,801	\$ 221,401	\$ -	\$ 221,401	103,780	3	24,997	28	146	2,377,930	527,537	479	1,800
MCE10c		Industrial SEM	\$ 25,149	\$ -	\$ 525,095	\$ 47,901	\$ 598,145	\$ -	\$ 598,145	1,287,000	-	79,016	349	462	6,600,000	468,104	1,846	2,311
MCE10d		Industrial NMEC	\$ 25,149	\$ -	\$ 32,137	\$ -	\$ 57,286	\$ -	\$ 57,286	-	-	-	-	-	-	-	-	-
MCE11a		Agricultural Deemed	\$ 18,394	\$ -	\$ 78,612	\$ 10,707	\$ 107,712	\$ -	\$ 107,712	78,655	1	1,662	22	10	400,292	6,150	116	36
MCE11b		Agricultural Custom	\$ 18,394	\$ -	\$ 185,762	\$ 99,842	\$ 303,998	\$ -	\$ 303,998	394,708	79	8,494	108	50	5,550,580	115,811	1,925	677
MCE11c		Agricultural SEM	\$ 18,394	\$ -	\$ 284,975	\$ 11,968	\$ 315,337	\$ -	\$ 315,337	508,416	-	21,000	140	123	2,640,000	105,350	732	614
MCE11d		Agricultural NMEC	\$ 18,394	\$ -	\$ 50,832	\$ -	\$ 69,226	\$ -	\$ 69,226	-	-	-	-	-	-	-	-	-
MCE16		Workforce, Education, and Training (WE&T)	\$ 154,417	\$ -	\$ 541,163	\$ -	\$ 695,580	\$ -	\$ 695,580	-	-	-	-	-	-	-	-	-
PA PROGRAM TOTAL			\$ 1,033,463	\$ -	\$ 7,065,032	\$ 6,649,751	\$ 14,748,246	\$ -	\$ 14,748,246	16,506,419.73	1,371.00	304,838.61	4,377.25	1,874.89	138,515,005.95	2,588,882.86	39,763.10	14,564.09
EM&V (PA & ED Portions) Total ⁵																		
EM&V - PA							\$ 233,653		\$ 233,653									
EM&V - ED							\$ 380,857		\$ 380,857									
EM&V TOTAL							\$ 614,510	\$ -	\$ 614,510									
PA Program and EM&V Total			\$ 1,033,463	\$ -	\$ 7,065,032	\$ 6,649,751	\$ 15,362,756	\$ -	\$ 15,362,756	16,506,419.73	1,371.00	304,838.61	4,377.25	1,874.89	138,515,005.95	2,588,882.86	39,763.10	14,564.09
CEC AB 841 Program Budget--IOU PA only																		
Applicable Annual % of difference between funding limitation & 2020 EE ABAL budget ³							\$ -	\$ -	\$ -									
IOU 2020 and Beyond Uncommitted and Unspent Carryover Balance							\$ -	\$ -	\$ -									
CEC AB 841 Total							\$ -	\$ -	\$ -									
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)			\$ 1,033,463	\$ -	\$ 7,065,032	\$ 6,649,751	\$ 15,362,756	\$ -	\$ 15,362,756	16,506,419.73	1,371.00	304,838.61	4,377.25	1,874.89	138,515,005.95	2,588,882.86	39,763.10	14,564.09
Financing Pilot Programs																		
							\$ -	\$ -	\$ -									
							\$ -	\$ -	\$ -									
							\$ -	\$ -	\$ -									
							\$ -	\$ -	\$ -									
							\$ -	\$ -	\$ -									
Financing Pilot Programs Total			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	-	-	-	-	-
ME&O & ESA																		
ME&O ¹							\$ -	\$ -	\$ -									
ESA ²							\$ -	\$ -	\$ -									
							\$ -	\$ -	\$ -									

Notes: (PA to add as needed, e.g., relevant advice letter references, decision references and any other nec

1. Not applicable to MCE

2. Not applicable to MCE

3. Per D.21-01-004, percentage allocation is 70% for 2022 and 60% for 2023. Not applicable to MCE.

4 Add footnote on Non-EE budgeted overheads.

⁵ For all PAs, EM&V costs only includes IOU's Total EM&V budget (PA + ED). For the IOU EM&V budget it doe

⁶ PAs have the option of inputting by program or by total. MCE provided the total unspent/uncommitted at th

Pa Name: Marin Clean Energy
 Budget Year: 2022-2023
Table 4.1- 2022- 2023 Program Changes
 (report budgets to the \$-do not round, add rows as needed)

Programs to be closed with the disposition of 2022-2023 BBAL

Programs with enhanced budgets (>40% budget increase)

Program ID	PA Justification	Third Party Implementer or Core	Statewide or Local	Programs to be Closed with the Disposition of 2022-2023 ABAL	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC	2021 Budget	2022 Budget	2023 Budget	Year Program Started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL planning and new 3P contracting	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts' ramp up
N/A	N/A			N/A											

Programs to be closed upon completion of commitments

Program ID	PA Justification	Third Party Implementer or Core	Statewide or Local	Programs to be Closed with the Disposition of 2022-2023 ABAL	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC	2021 Budget	2022 Budget	2023 Budget	Year Program Started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL planning and new 3P contracting	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts' ramp up
N/A				N/A											

Programs with reduced budgets (>40% budget decrease), to continue in 2022 or 2023

Program ID	PA Justification	Third party implementer or Core	Statewide	Programs with reduced budgets (>40% budget decrease)	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC	2021 Budget	2022 Budget	2023 Budget	Year program started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL planning and new 3P contracting	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts ramp up, or mark "NEW 3P" program if program is result of 3P solicitation process per D1801004.
N/A				N/A											

Programs with enhanced budgets (>40% budget increase)

Program ID	PA justification	Third party implementer or Core	Statewide	Programs with enhanced budgets (>40% budget increase)	% change (2)	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC	2021 Budget	2022 Budget	2023 Budget	Year program started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL planning and new 3P contracting	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts ramp up, or mark "NEW 3P" program if program is result of 3P solicitation process per D1801004.
MCE01	Although the MFES program is proposed under the resource segment, the MFES program will target disadvantaged and historically underserved communities. The MFES program hopes to expand its reach by using broader affordability definitions. The additional budget request is to support expansion in these communities and cover a higher percentage of the costs of comprehensive building upgrades, which are costly.	Core	N/A	MFES	112%	0.29	0.16	0.23	0.23	\$ 468,305	\$ 1,017,476	\$ 971,459	2016	N/A	N/A
MCE08	This program serves customers who earn enough to disqualify them for low income programs yet not enough to participate in market rate programs due to local economic factors. Providing a comprehensive program to the moderate-income sector has been challenging to identify and encourage to participate. Additional funding will allow the program's implementer to expand canvassing efforts to reach more of MCE's moderate income communities across four counties, which will result in higher energy savings. Finally, this program assumes 100% allocation as an equity program.	Core	N/A	SF HES	51%	0.21	0.27	0.17	0.18	\$ 1,577,832	\$ 2,366,392	\$ 2,384,874	2019	N/A	N/A
MCE1a MCE11b MCE11c MCE11d (1)	MCE claimed savings for this program for the first time in 2020 despite COVID-19 challenges. MCE currently has 2 active cohorts. We see a lot of potential in the existing cohorts and are experiencing good engagement. We are actively engaged in the recruitment of new customers and have 2 new cohorts that will claim savings in 2022 and 2023. Finally, we believe as more of the population is vaccinated, more customers will be willing to engage. We have seen an uptick in responses to our outreach efforts and expect that to evolve into more participation, projects, and savings.	Core	N/A	Agricultural (1)	71%	0.20	0.00	1.10	1.21	\$ 468,195	\$ 804,948	\$ 796,274	2019	N/A	N/A

Pa Name:	Marin Clean Energy
Budget Year:	2022-2023

Table 5 - Committed Energy Efficiency Program Funding - Funds Not Yet Spent as of 7/31/2021

Accrued funds not yet spent	Electric Procurement Funds	Natural Gas Public Purpose Funds	Total
Category			
2017 to date EM&V Funds			\$0
2017 to date Program Funds - Utility			\$0
2017 to date Program Funds - REN			\$0
2017 to date Program Funds - CCA			\$0
2018 to date EM&V Funds			\$0
2018 to date Program Funds - Utility			\$0
2018 to date Program Funds - REN			\$0
2018 to date Program Funds - CCA			\$0
2019 to date EM&V Funds			\$0
2019 to date Program Funds - Utility			\$0
2019 to date Program Funds - REN			\$0
2019 to date Program Funds - CCA			\$0
2020 to date EM&V Funds			\$0
2020 to date Program Funds - Utility			\$0
2020 to date Program Funds - REN			\$0
2020 to date Program Funds - CCA (1)	\$511,341	\$251,855	\$763,196
2021 to date EM&V Funds			\$0
2021 to date Program Funds - Utility			\$0
2021 to date Program Funds - REN			\$0
2021 to date Program Funds - CCA (1)	\$7,295,466	\$2,179,165	\$9,474,631

(1) MCE's committed funds are associated with projects and implementation contracts.

Pa Name: Marin Clean Energy
 Budget Year: 2022-2023
 Table 7 - PA Program Year Budget Savings

Line	Sector	Program Year (PY) 2022 Budget	FORECAST ENERGY SAVINGS (Net)				
			PA forecast kW	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2
Resource Acquisition Program Segment							
	Residential	\$2,170,608	3,215,862	5	0.03	830	274
	Commercial	\$6,719,884	9,204,233	1,222	0.07	2,299	416
	Industrial	\$1,289,458	1,552,963	18	0.18	405	1,070
	Agriculture	\$804,948	976,693	75	0.03	258	183
	Emerging Tech	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-
	WE&T	\$0	-	-	-	-	-
	Finance	\$0	-	-	-	-	-
	DBF Loan Pool	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$10,984,898	14,949,752	1,320	0.32	3,792	1,942
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$13,619,451					
	Resource Acquisition Forecasted Total Resource Cost (TRC)	1.04					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	1.24					
Market Support Program Segment							
	Residential	\$0	-	-	-	-	-
	Commercial	\$0	-	-	-	-	-
	Industrial	\$0	-	-	-	-	-
	Agriculture	\$0	-	-	-	-	-
	Emerging Tech	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-
	WE&T	\$682,571	-	-	-	-	-
	Finance	\$0	-	-	-	-	-
	DBF Loan Pool	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$682,571	-	-	-	-	-
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$0.00					
	Portfolio Forecasted Total Resource Cost (TRC)	-					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	-					
Equity Program Segment							
	Residential	\$2,366,392	123,605	51	0.02	5	145
	Commercial	\$82,107	-	-	-	-	-
	Industrial	\$0	-	-	-	-	-
	Agriculture	\$0	-	-	-	-	-
	Emerging Tech	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-
	WE&T	\$0	-	-	-	-	-
	Finance	\$0	-	-	-	-	-
	DBF Loan Pool	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$2,448,499	123,605	51	0.02	5	145
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$375,610					
	Portfolio Forecasted Total Resource Cost (TRC)	0.17					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.17					
Portfolio							
	Residential	\$4,537,000	3,339,467	56	0.05	835	419
	Commercial	\$6,801,991	9,204,233	1,222	0.07	2,299	416
	Industrial	\$1,289,458	1,552,963	18	0.18	405	1,070
	Agriculture	\$804,948	976,693	75	0.03	258	183
	Emerging Tech	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-
	WE&T	\$682,571	-	-	-	-	-
	Finance	\$0	-	-	-	-	-
	DBF Loan Pool	\$0	-	-	-	-	-
5	PA Subtotal (does not include ESA budget and savings)	\$14,115,967	15,073,357	1,370	0.34	3,797	2,087
	CPUC Savings Goal (w/o C&S)		15,073,357	1,370	0.34	3,797	2,087
6	Forecast savings as % of CPUC Savings Goal (w/o C&S)	#DIV/0!	100.0%	100.0%	100.0%	100.0%	100.0%
7	Total EM&V ⁷	\$588,165					
7a	PA EM&V	\$225,039					
7b	ED EM&V	\$363,126					
	Portfolio Forecasted Total System Benefit (TSB)	\$13,995,061					
	Portfolio Forecasted Total Resource Cost -TRC (w/o C&S and w/ EM&V)	0.84					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.96					
	Portfolio Forecasted Ratepayer Impact Measure (RIM)	0.96					
8	Codes and Standards	\$0					
9	PA Spending Budget Request ¹	\$14,704,132					
10	(LESS) PA Pre-2020 Uncommitted and Unspent Carryover Balance ²	\$315,181					
11	CEC AB 841 Program Funding ³						
12	Applicable percentage (70%) of difference between funding limitation and 2020 budget	\$0					
13	PA 2020 and Beyond Uncommitted and Unspent Carryover Balance ⁴	\$0					
14	CEC AB 841 Total Program Funding	\$0					
15	PA Revenue Requirement Request (Cost Recovery) ⁵	\$14,388,951					
	% of Equity and Market Support Program Budgets to PA Spending Budget Request (not to Ex)	21%					
16	PA Authorized Budget Cap (D.18-05-041)	\$10,998,000					
For CCA & RENS in IOU Service Territory Only - (IOU PA Only to complete)							
21	REN Budget Recovery Request	\$0					
21a	BayREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Car)	-					
21b	SoCal REN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Car)	-					
21c	3CREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Car)	-					
21d	RCEA PY Budget Recovery Request (excl. REN Uncommitted/Unspent Car)	-					
22	CCA Budget Recovery Request	\$0					
22a	MCE PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	-					
22b	Lancaster PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	-					
	Redwood Coast Energy Authority (excl. REN Uncommitted/Unspent Carryover)	-					
	San Jose Clean Energy (excl. REN Uncommitted/Unspent Carryover)	-					
17	Total PA (IOU+CCAs+RENS) Recovery Budget ⁶	\$14,388,951					

¹ This is the MCE's requested EE Portfolio budget.
² The balance of unspent uncommitted reflects MCE's unspent uncommitted from Jan 1 2018 through Dec 31 of 2020. CCAs/RENS 2020 unspent/uncommitted funds are not used for the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included here.
³ See D.21-01-004 Tables 2 (2022) and 3 (2022)
⁴ Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed. CCAs/RENS 2020 unspent/uncommitted funds are not used for the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 7b. MCE is forecasting \$0 in unspent/uncommitted 2021 and 2022 program funds.
⁵ The amount of funds to be collected (cost recovery) for the PA EE Program Year = Line 9 - Line 10 + Line 12
⁶ Total amount to be requested in IOU's PPP advice letter for their programs, RENS and CCAs in their service territory, Line 15+ Line 21 + Line 22
⁷ 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.

Pa Name: Merin Clean Energy
 Budget Year: 2022-2023
 Table 7 - PA Program Year Budget Savings

Line	Sector	Program Year (PY) 2023 Budget	FORECAST ENERGY SAVINGS (Net)				
			PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2
Resource Acquisition Program Segment							
	Residential	\$2,254,547	4,688,144	8	0.03	1,299	263
	Commercial	\$6,784,863	9,256,230	1,216	0.07	2,409	410
	Industrial	\$1,144,443	1,456,661	16	0.15	395	875
	Agriculture	\$796,274	981,779	80	0.03	270	182
	Emerging Tech	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-
1	WE&T	\$0	-	-	-	-	-
2	Finance	\$0	-	-	-	-	-
3	OBFL Loan Pool	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$10,980,126	16,382,814	1,320	0.28	4,372	1,730
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$14,377,414					
	Resource Acquisition Forecasted Total Resource Cost (TRC)	1.10					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	1.31					
Market Support Program Segment							
	Residential	\$0	-	-	-	-	-
	Commercial	\$0	-	-	-	-	-
	Industrial	\$0	-	-	-	-	-
	Agriculture	\$0	-	-	-	-	-
	Emerging Tech	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-
1	WE&T	\$695,580	-	-	-	-	-
2	Finance	\$0	-	-	-	-	-
3	OBFL Loan Pool	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$695,580	-	-	-	-	-
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$0.00					
	Portfolio Forecasted Total Resource Cost (TRC)	-					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	-					
Equity Program Segment							
	Residential	\$2,384,874	123,605	51	0.02	4.9	145
	Commercial	\$687,666	-	-	-	-	-
	Industrial	\$0	-	-	-	-	-
	Agriculture	\$0	-	-	-	-	-
	Emerging Tech	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-
1	WE&T	\$0	-	-	-	-	-
2	Finance	\$0	-	-	-	-	-
3	OBFL Loan Pool	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$3,072,540	123,605	51	0.02	5	145
	Resource Acquisition Forecasted Total System Benefit (TSB)	\$394,598					
	Portfolio Forecasted Total Resource Cost (TRC)	0.14					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.14					
Portfolio							
	Residential	\$4,639,421	4,811,750	59	0.05	1,304	407
	Commercial	\$7,472,528	9,256,230	1,216	0.07	2,409	410
	Industrial	\$1,144,443	1,456,661	16	0.15	395	875
	Agriculture	\$796,274	981,779	80	0.03	270	182
	Emerging Tech	\$0	-	-	-	-	-
	Public	\$0	-	-	-	-	-
1	WE&T	\$695,580	-	-	-	-	-
2	Finance	\$0	-	-	-	-	-
3	OBFL Loan Pool	\$0	-	-	-	-	-
4	PA Subtotal (does not include ESA budget and savings)	\$14,748,246	16,506,420	1,371	0.30	4,377	1,875
	CPUC Savings Goal (w/o C&S)	\$16,506,420	1,371	0.30	4,377	1,875	
5	Forecast savings as % of CPUC Savings Goal (w/o C&S)	#DIV/0!	100.0%	100.0%	100.0%	100.0%	100.0%
7	Total EM&V ¹	\$614,510					
7a	PA EM&V	\$233,653					
7b	ED EM&V	\$380,857					
	Portfolio Forecasted Total System Benefit (TSB)	\$14,772,012					
	Portfolio Forecasted Total Resource Cost -TRC (w/o C&S and w/EM&V)	0.85					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.97					
	Portfolio Forecasted Ratepayer Impact Measure (RIM)	0.97					
8	Codes and Standards	\$0					
9	PA Spending Budget Request ¹	\$15,362,756					
10	(LESS) PA Pre-2020 Uncommitted and Unspent Carryover Balance ²	\$0					
11	CEC AB 841 Program Funding ³	\$0					
12	Applicable percentage (70%) of difference between funding limitation and 2020 budget	\$0					
13	PA 2020 and Beyond Uncommitted and Unspent Carryover Balance ⁴	\$0					
14	CEC AB 841 Total Program Funding	\$0					
15	PA Revenue Requirement Request (Cost Recovery) ⁵	\$15,362,756					
	% of Equity and Market Support Program Budgets to PA Spending Budget Request (not to E	25%					
16	PA Authorized Budget Cap (D.18-05-041)	\$10,998,000					
	For CCA & RENS in IOU Service Territory Only--(IOU PA Only to complete)						
21	REN Budget Recovery Request	\$0					
21a	BayREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent C	-					
21b	SoCal REN PY Budget Recovery Request (excl. REN Uncommitted/Unspen	-					
21c	3CREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent C	-					
21d	RCEA PY Budget Recovery Request (excl. REN Uncommitted/Unspent Car	-					
22	CCA Budget Recovery Request	\$0					
22a	MCE PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carr	-					
22b	Lancaster PY Budget Recovery Request (excl. REN Uncommitted/Unspen	-					
	Redwood Coast Energy Authority (excl. REN Uncommitted/Unspent Carry	-					
	San Jose Clean Energy (excl. REN Uncommitted/Unspent Carryover)	-					
17	Total PA (IOU+CCAs+RENS) Recovery Budget ⁶	\$15,362,756					

¹This is the MCE's requested EE Portfolio budget.
²The balance of unspent uncommitted reflects MCE's unspent uncommitted from Jan 1 2018 through Dec 31 of 2020. CCAs/RENS 2020 unspent/uncommitted funds are not used for the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included here.
³See D.21-01-004 Tables 2 (2022) and 3 (2022)
⁴Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed. CCAs/RENS 2020 unspent/uncommitted funds are not used for the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting \$0 in unspent/uncommitted 2021 and 2022 program funds.
⁵The amount of funds to be collected (cost recovery) for the PA EE Program Year = Line 9 - Line 10 + Line 12
⁶Total amount to be requested in IOU's PPP advice letter for their programs, RENS and CCAs in their service territory, Line 15+ Line 21 + Line 22
⁷For 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.

Pa Name: Marin Clean Energy
 Budget Year: 2022-2023
 Table 8 - Caps & Targets

2022 Energy Efficiency Cap And Target Expenditure Projections										2023 Energy Efficiency Cap And Target Expenditure Projections									
Line	Budget Category	Expenditures			Cap & Target Performance			Expenditures			Cap & Target Performance								
		Non-Third Party Qualifying Costs (including PA costs and old-definition 3P/GP contracts that don't meet the new definition)	Third Party Qualifying Costs ² (Local SW, CEC & AB 841)	Total Portfolio	Percent of Budget ⁴	Cap %	Target %	Non-Third Party Qualifying Costs (including PA costs and old-definition 3P/GP contracts that don't meet the new definition)	Third Party Qualifying Costs ² (including SW)	Total Portfolio	Percent of Budget ⁴	Cap %	Target %						
1	Administrative Costs																		
2	PA ¹	\$ 848,645		\$ 848,645	5.8%	10.0%		\$ 879,046		\$ 879,046	6.0%	10.0%							
3	Non-PA Third Party & Partnership ²	\$ -	\$ -	\$ -	0.0%		10.0%	\$ -	\$ -	\$ -	0.0%		10.0%						
4	PA & Non-PA Target Exempt Programs ³	\$ 141,407	\$ -	\$ 141,407				\$ 154,417	\$ -	\$ 154,417									
5	Marketing and Outreach Costs⁴																		
6	Marketing & Outreach	\$ -	\$ -	\$ -	0.0%	6.0%		\$ -	\$ -	\$ -	0.0%	6.0%							
7	Statewide Marketing & Outreach ⁵	\$ -		\$ -				\$ -		\$ -									
8	Direct Implementation Costs																		
9	Direct Implementation (Incentives and Rebates)	\$ 6,763,287	\$ -	\$ 6,763,287				\$ 6,649,751	\$ -	\$ 6,649,751									
10	Direct Implementation (Non Incentives and Non Rebates)	\$ 5,821,465	\$ -	\$ 5,821,465	39.6%		20.0%	\$ 6,523,868	\$ -	\$ 6,523,868	44.4%		20.0%						
11	Direct Implementation Target Exempt Programs (Non Incentives and Non Rebates) ³	\$ 541,163	\$ -	\$ 541,163				\$ 541,163	\$ -	\$ 541,163									
12	EM&V Costs (PA and Energy Division)^{6,7}	\$ 588,165		\$ 588,165	4.0%	4.0%		\$ 614,510		\$ 614,510	4.0%	4.0%							
12a	EM&V - PA	\$ 225,039		\$ 225,039				\$ 233,653		\$ 233,653									
12b	EM&V - ED	\$ 363,126		\$ 363,126				\$ 380,857		\$ 380,857									
13	Total Portfolio Budget (includes PA Program and EM&V Budget + SW ME&O)⁸	\$ 14,704,132	\$ -	\$ 14,704,132				\$ 15,362,756	\$ -	\$ 15,362,756									
14	CEC AB 841 (per CPUC Code Section 1613 counts as a Third Party Program as defined in D.18-08-019, OP 10)		\$ -	\$ -					\$ -	\$ -									
15	PA Spending Budget Request (PA Program and EM&V + CEC AB 841)⁹			\$ 14,704,132						\$ 15,362,756									
16	Total Third-Party Implementer Contracts + CEC AB 841 (as defined per D.16-08-019, OP 10 and D.21-01-xxx OP)^{10,11}		\$ -		0.0%	60.0%			\$ -		0.0%	60.0%							

Notes:

- 10% cap requirement based on D. 09-09-047 is set for IOU only.
- 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.
- Target Exempt Programs are Non-Resource Programs which 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).
- Statewide Marketing & Outreach (SW ME&O) is excluded from the Marketing and Outreach cost target calculation per D.13-12-038, at p. 82.
- Statewide ME&O budgets for October 2019 through 2021 were requested in Advice Letter [4098-G/5544-E](#) and supplements, and are pending approval. The amount in Line 7 represents the portion allocated to EE.
- 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 of \$14,704,132, which excludes SWME&O, RENs, CCAs and CEC AB 841. This is the Total in line 13, minus SWME&O in line 7.
- As directed in the Energy Efficiency Policy Manual Version 5 July 2013, page 92, this total includes SW ME&O and excludes REN and CCA budgets and is the denominator used to calculate the IOU PA Admin, Marketing, and Direct Implementation Non-Incentives percentages.
- IOU PA's 2021 Proposed Budget of \$X excludes SWME&O budget of \$Y and includes CEC AB 841 budgets of \$Z.
- IOU PA's percentage for Third-Party Implementer Contracts uses \$X as its denominator, which is IOU PA Subtotal including EM&V, but excluding SWME&O, REN, and CCA. This is the Total in line 13 minus, minus SWME&O in line 7.
- 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.

Pa Name:
 Budget Year:
 FUNCTION DEFINITIONS

Marin Clean Energy
2022-2023

Aggregated Category	Definition	Functional Category	Detailed Definition
Policy, Strategy, and Regulatory Reporting Compliance	Includes policy, strategy, compliance, audits and regulatory support	Planning & Compliance	DSM Goal Planning; lead legislative review/positioning; policy support on reg proceedings; portfolio optimization; end use-market strategy; DSM lead for PRP, DRP, ES; locational targeting; audit support; SOX certifications; developing control plans; developing action plans; continuous monitoring; inspections; program/product QA/QC; decision compliance oversight/tracking; data requests; policies & procedures
		Company Regulatory Support	Case management for EE proceedings
Program management	Includes labor, contracts, admin costs for program design, program implementation, product and channel management for all sectors	Program Management & Delivery	Market Segment & Locational Resource programs; Business Core & Finance Programs; Large Power DR Programs; Non-Res HVAC & Technical Services; Program Integration & Optimization; Residential EE & DR Programs (incl. Res HVAC QI); IQP & Economic Assistance Programs; Mass Market DR Programs; Education & Information Products & Services; Energy Leader Partnerships; Institutional & Federal Partnerships; REN Coordination; Strategic Plan Support; Energy/Water Program Mgt; Service Level Agreement Tracking
		Product Management	Manage end-to-end new products and services (P&S) intake, evaluation, and launch process; develop and facilitate P&S governance teams, coordination of all sub-process owners, stakeholders, and technical resources required to evaluate and launch new products; evaluate and launch new services and OOR opportunities; develop external partnerships & strategic alliances; work with various companies and associations to help advance standards, products, and tech.; work with external experts to help reduce SCE costs to deliver new prog. and products; develop and launch new customer technologies, products, services for residential and business customers; conduct customer pilots of new technologies and programs; lead customer field demonstrations of new technologies and products; align new P&S to savings programs/incentives; develop new programs/incentives in support of savings goals
		Channel Management	
		Contract Management	Budget forecasting, spend tracking, invoice processing, and contract management with vendors and suppliers; Regulatory support for ME&O activities
Engineering Services	Includes engineering, project management, and contracts associated with workpaper development and pre/post sales project technical reviews and design assistance	Custom project support	Management of Emerging Products projects; Customized reviews; LCR/RFO support; Ex-ante review management; Technical policy support; Technical assessments; Workpapers; Tool development; End use subject matter expertise
		Deemed workpapers	
		Project management	
Customer Application/Rebate and Incentive Processing	Costs associated with application management and rebate and incentive processing (deemed and custom)	Rebate & Application Processing	
Inspections	Costs associated with project inspections	Inspections	
Portfolio Analytics	Includes analytics support, including internal performance reporting and external reporting	Data analytics	Data development for programs, products and services; Standard and ad hoc data extracts for internal and external clients ; Database management; CPUC, CAISO reporting; Data reconciliation; E3 support ; Compliance filing support; Funding Oversight; ESPI support; Program Results Data & Performance
EM&V	EM&V expenditures	EM&V Studies	Program and product review; manage evaluation studies
		EM&V Forecasting	EE lead for LTPP and IEPR; market potential study; integration w/ procurement planning; CPUC Demand Analysis Working Group
ME&O	Costs associated with utility EE marketing; no statewide; focus on outsourced portion	Marketing	Customer Programs, Products, and Services Marketing; Digital Product Development; Digital Content & Optimization
		Customer insights	Voice of the Customer; Customer satisfaction study measurement and analysis (JD Power, SDS); Customer testing/research
Account Management / Sales	Costs associated with account rep energy efficiency sales functions	Account Management	
IT	IT project specific costs and regular O&M	IT - project specific	Projects and minor enhancements. Includes project management/business integration ("PMO/BID"). Excluded: maintenance (which SCE defines as when something goes down, normal batch processing, verifying interfaces, etc.).
		IT - regular O&M	
Call Center	Costs associated with call center staff fielding EE program questions	Call Center	
Incentives	Costs of rebate and incentive payments to customers	Incentives	

Pa Name:
 Budget Year:
 PORTFOLIO SUMMARY

Marin Clean Energy
 2022-2023

Sector	2020 EE Portfolio Expenditures				2022 EE Portfolio Budget				2023 EE Portfolio Budget				2020 EE Portfolio Savings			2022 EE Portfolio Forecasted Savings			2023 EE Portfolio Forecasted Savings		
	Labor	Non-Labor (excl. Incentives)	Incentives	Total	Labor	Non-Labor (excl. Incentives)	Incentives	Total	Labor	Non-Labor (excl. Incentives)	Incentives	Total	KWH	KW	MMTHERMS	KWH	KW	MMTHERMS	KWH	KW	MMTHERMS
Residential	\$ 220,637	\$ 633,100	\$ 241,065	\$ 1,094,803	\$ 441,210	\$ 1,748,075	\$ 2,347,715	\$ 4,537,000	\$ 467,441	\$ 1,852,004	\$ 2,319,975	\$ 4,639,421	278,583	4	0.01	3,339,467	56	0.05	4,811,750	59	0.05
Commercial	\$ 128,112	\$ 560,987	\$ 326,407	\$ 1,015,506	\$ 343,614	\$ 2,380,112	\$ 4,078,265	\$ 6,801,991	\$ 427,097	\$ 2,958,376	\$ 4,087,055	\$ 7,472,528	1,746,234	98	0.08	9,204,233	1,222	0.07	9,256,230	1,216	0.07
Industrial	\$ 277,576	\$ 281,430	\$ 33,727	\$ 592,732	\$ 514,283	\$ 583,911	\$ 191,263	\$ 1,289,458	\$ 479,650	\$ 544,589	\$ 120,204	\$ 1,144,443	424,552	8	(0.00)	1,552,963	18	0.18	1,456,661	16	0.15
Agriculture	\$ 85,408	\$ 130,096	\$ 17,740	\$ 233,243	\$ 429,968	\$ 228,937	\$ 146,043	\$ 804,948	\$ 439,660	\$ 234,097	\$ 122,517	\$ 796,274	369,162	-	-	976,693	75	0.03	981,779	80	0.03
Public	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	-	-	-	-	-
Cross Cutting*	\$ -	\$ 118,326	\$ -	\$ 118,326	\$ 141,407	\$ 541,163	\$ -	\$ 682,571	\$ 154,417	\$ 541,163	\$ -	\$ 695,580	-	-	-	-	-	-	-	-	-
Total Sector Budget	\$ 711,733	\$ 1,723,939	\$ 618,938	\$ 3,054,610	\$ 1,870,482	\$ 5,482,198	\$ 6,763,287	\$ 14,115,967	\$ 1,968,264	\$ 6,130,230	\$ 6,649,751	\$ 14,748,246	2,818,531	110	0.09	15,073,357	1,370	0.34	16,506,420	1,371	0.30
EM&V-PA	\$ -	\$ 25,622	\$ -	\$ 25,622	\$ 45,008	\$ 180,031	\$ -	\$ 225,039	\$ 46,731	\$ 186,923	\$ -	\$ 233,653	-	-	-	-	-	-	-	-	-
EM&V-ED	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 363,126	\$ -	\$ 363,126	\$ -	\$ 380,857	\$ -	\$ 380,857	-	-	-	-	-	-	-	-	-
DBF Loan Pool**	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	-	-	-	-	-
CFC AB881	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	-	-	-	-	-	-	-
PA Spending Budget Request (PA Program and Ed)	\$ 711,733	\$ 1,749,561	\$ 618,938	\$ 3,080,232	\$ 1,915,490	\$ 6,025,355	\$ 6,763,287	\$ 14,704,132	\$ 2,014,995	\$ 6,698,009	\$ 6,649,751	\$ 15,362,756	2,818,531	110	0.09	15,073,357	1,370	0.34	16,506,420	1,371	0.30

* Cross Cutting Sector includes Codes & Standards, Emerging Technologies, Workforce Education & Training, Finance.
 ** For SDG&E and SCG the loan pool is not part of the authorized EE portfolio budget and is collected and tracked through a separate balancing account.

A. → Attachment-A, Question C.8¶

“Present a single table summarizing energy savings targets, and expenditures by sector (for the six specified sectors). This table should enable / facilitate assessment of relative contributions of the sectors to savings targets, and relative cost-effectiveness.”¶

- → TURN and ORA invite the PAs to propose a common table format for this information. We don't have anything specific in mind.¶
- → Additionally, include a brief description of the method used by the PA to estimate the costs presented in the C.8 Table.¶

Pa Name:
 Budget Year:
 PORTFOLIO STAFFING

Marin Clean Energy
2022-2023

Functional Group	2020 EE Portfolio FTE	2022 EE Portfolio FTE	2023 EE Portfolio FTE
Policy, Strategy, and Regulatory Reporting Compliance	1.0	1.1	1.1
Program Management	2.1	3.5	3.5
Engineering Services			
Customer Application/Rebate/Incentive Processing	0.3	0.5	0.5
Customer Project Inspections	0.1	0.1	0.1
Portfolio Analytics	0.3	0.3	0.3
EM&V	0.1	0.3	0.3
ME&O (Local)	0.5	0.8	0.8
Account Management / Sales			
IT			
Call Center			
Total	4.4	6.5	6.5

Notes:

||
 A. → **Narrative description of in-house departments/organizations supporting the PA’s EE portfolio**

- ¶
- → Functions conducted by each department/organization¶
 - → Management structure and org chart¶
 - → Staffing needs by department/organization, including current and forecast for 2018, as well as a description of what changes are expected in the near term (2019-2020) or why it’s impossible to predict beyond 2018, if that’s the PA’s position.¶
 - → Non-program functions currently performed by contractors (e.g. advisory consultants), as well as a description of what changes are expected in the near term (2019-2020) or why it’s impossible to predict beyond 2018, if that’s the PA’s position.¶
 - → Anticipated drivers of in-house cost changes by department/organization¶
 - → Explanation of method for forecasting costs¶

¶
 ¶
 B. → **Table showing PA EE headcount by department/organization**

- ¶
- → TURN and ORA like this example, taken from testimony PG&E’s 2017 GRC addressing its Energy Procurement department. We would be looking for 2016 or 2017 “recorded” positions, depending on what’s most appropriate for the PA, or both, if that provides the most clarity. For forecast years, we’d want at least 2018.¶

RESIDENTIAL BUDGET DETAIL

Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023EE Portfolio Budget
Residential	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance	\$ 44,127	\$ 88,242	\$ 93,488
		Program Management	\$ 132,382	\$ 264,726	\$ 280,465
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ 22,064	\$ 44,121	\$ 46,744
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ 22,064	\$ 44,121	\$ 46,744
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
	Labor Total		\$ 220,637	\$ 441,210	\$ 467,441
	Non-Labor	Third-Party Implementer (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
		Local/Government Partnerships Contracts (3)	\$ -	\$ -	\$ -
		Other Contracts	\$ -	\$ -	\$ -
		Program Implementation	\$ 480,302	\$ 1,326,177	\$ 1,405,023
		Policy, Strategy, and Regulatory Reporting Compliance	\$ 16,362	\$ 45,177	\$ 47,863
		Program Management	\$ 120,075	\$ 331,544	\$ 351,256
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ 16,362	\$ 45,177	\$ 47,863
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ -	\$ -	\$ -
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT (4)	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
		Facilities	\$ -	\$ -	\$ -
		Incentives--(PA-implemented and Other Contracts Program Implementation) Programs	\$ 241,065	\$ 2,347,715	\$ 2,319,975
		Incentives--Third Party Program (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
	Non-Labor Total		\$ 874,165	\$ 4,095,790	\$ 4,171,979
Residential Total			\$ 1,094,803	\$ 4,537,000	\$ 4,639,421
	Other (collected through GRC) (2)	Labor Overheads	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -

- Notes:
- (1) Labor costs are already loaded with (state loaders covered by EE)
 - (2) These costs are collected through GRC D.16-06-054
 - (3) LGP contracts that directly support the sector is included/not included in this item
 - (4) IT Costs are included in " Policy, Strategy, and Regulatory Reporting Compliance".

C. → Table showing costs by functional area of management structure

- Expenses broken out into labor, non-labor O&M (with contract labor identified)
- Identify any capital costs

B. → Attachment A, Question C.9

“Using a common budget template developed in consultation with interested stakeholders (hopefully agreed upon at a “meet and confer” session), display how much of each year’s budget each PA anticipates spending “in-house” (e.g., for administration, non-outsourced direct implementation, other non-incentive costs, marketing), by sector and by cross-cutting program.”

- TURN and ORA invite the PAs to propose a common table format for this information. We don’t have anything specific in mind.
- Additionally, include a brief description of the method used by the PA to estimate the costs presented in the C.9 Table.

Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Commercial	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance	\$ 25,622	\$ 68,723	\$ 85,419
		Program Management	\$ 76,867	\$ 206,168	\$ 256,258
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ 12,811	\$ 34,361	\$ 42,710
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ 12,811	\$ 34,361	\$ 42,710
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
	Labor Total		\$ 128,112	\$ 343,614	\$ 427,097
	Non-Labor	Third-Party Implementer (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
		Local/Government Partnerships Contracts (3)	\$ -	\$ -	\$ -
		Other Contracts	\$ -	\$ -	\$ -
		Program Implementation	\$ 432,102	\$ 1,833,291	\$ 2,278,701
		Policy, Strategy, and Regulatory Reporting Compliance	\$ 10,429	\$ 44,249	\$ 55,000
		Program Management	\$ 108,026	\$ 458,323	\$ 569,675
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ 10,429	\$ 44,249	\$ 55,000
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ -	\$ -	\$ -
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT (4)	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
		Facilities	\$ -	\$ -	\$ -
		Incentives--(PA-implemented and Other Contracts Program Implementation) Programs	\$ 326,407	\$ 4,078,265	\$ 4,087,055
		Incentives--Third Party Program (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
	Non-Labor Total		\$ 887,394	\$ 6,458,377	\$ 7,045,431
Commercial Total (5)			\$ 1,015,506	\$ 6,801,991	\$ 7,472,528
	Other (collected through GRC) (2)	Labor Overheads	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -

Notes: (1) Labor costs are already loaded with (state loaders covered by EE) (2) These costs are collected through GRC D.16-06-054 (3) LGP contracts that directly support the sector is included/not included in this item (4) IT Costs are included in " Policy, Strategy, and Regulatory Reporting Compliance".

C. → Table showing costs by functional area of management structure¶

- → Expenses broken out into labor, non-labor O&M (with contract labor identified)¶
- → Identify any capital costs¶

B. → Attachment A, Question C.9¶

“Using a common budget template developed in consultation with interested stakeholders (hopefully agreed upon at a “meet and confer” session), display how much of each year’s budget each PA anticipates spending “in-house” (e.g., for administration, non-outsourced direct implementation, other non-incentive costs, marketing), by sector and by cross-cutting program.”¶

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- → Additionally, include a brief description of the method used by the PA to estimate the costs presented in the C.9 Table.¶

INDUSTRIAL BUDGET DETAIL

Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Industrial	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance	\$ 55,515	\$ 102,857	\$ 95,930
		Program Management	\$ 166,545	\$ 308,570	\$ 287,790
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ 27,758	\$ 51,428	\$ 47,965
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ 27,758	\$ 51,428	\$ 47,965
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
	Labor Total		\$ 277,576	\$ 514,283	\$ 479,650
	Non-Labor	Third-Party Implementer (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
		Local/Government Partnerships Contracts (3)	\$ -	\$ -	\$ -
		Other Contracts	\$ -	\$ -	\$ -
		Program Implementation	\$ 202,785	\$ 420,738	\$ 392,404
		Policy, Strategy, and Regulatory Reporting Compliance	\$ 13,974	\$ 28,994	\$ 27,042
		Program Management	\$ 50,696	\$ 105,185	\$ 98,101
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ 13,974	\$ 28,994	\$ 27,042
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ -	\$ -	\$ -
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT (4)	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
		Facilities	\$ -	\$ -	\$ -
		Incentives--(PA-implemented and Other Contracts Program Implementation) Programs	\$ 33,727	\$ 191,263	\$ 120,204
		Incentives--Third Party Program (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
	Non-Labor Total		\$ 315,156	\$ 775,174	\$ 664,793
Industrial Total (5)			\$ 592,732	\$ 1,289,458	\$ 1,144,443
	Other (collected through GRC) (2)	Labor Overheads	\$ -	\$ -	\$ -

Notes:

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- (4) IT Costs are included in " Policy, Strategy, and Regulatory Reporting Compliance".

C. → Table showing costs by functional area of management structure

- → Expenses broken out into labor, non-labor O&M (with contract labor identified)
- → Identify any capital costs

B. → Attachment A, Question C.9

“Using a common budget template developed in consultation with interested stakeholders (hopefully agreed upon at a “meet and confer” session), display how much of each year’s budget each PA anticipates spending “in-house” (e.g., for administration, non-outsourced direct implementation, other non-incentive costs, marketing), by sector and by cross-cutting program.”

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Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Agricultural	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance	\$ 17,081.6	\$ 85,993.7	\$ 87,931.9
		Program Management	\$ 51,244.7	\$ 257,981.0	\$ 263,795.8
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ 8,540.8	\$ 42,996.8	\$ 43,966.0
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ 8,540.8	\$ 42,996.8	\$ 43,966.0
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
	Labor Total		\$ 85,407.9	\$ 429,968.3	\$ 439,659.6
	Non-Labor	Third-Party Implementer (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
		Local/Government Partnerships Contracts (3)	\$ -	\$ -	\$ -
		Other Contracts	\$ -	\$ -	\$ -
		Program Implementation	\$ 95,827.1	\$ 168,632.6	\$ 172,433.5
		Policy, Strategy, and Regulatory Reporting Compliance	\$ 5,155.9	\$ 9,073.2	\$ 9,277.7
		Program Management	\$ 23,956.8	\$ 42,158.1	\$ 43,108.4
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ 5,155.9	\$ 9,073.2	\$ 9,277.7
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ -	\$ -	\$ -
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT (4)	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
		Facilities	\$ -	\$ -	\$ -
		Incentives--(PA-implemented and Other Contracts Program Implementation) Programs	\$ 17,739.8	\$ 146,043.0	\$ 122,516.8
		Incentives--Third Party Program (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
	Non-Labor Total		\$ 147,835.5	\$ 374,980.1	\$ 356,614.0
Agricultural Total (5)			\$ 233,243.4	\$ 804,948.4	\$ 796,273.6
	Other (collected through GRC) (2)	Labor Overheads	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -

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C. → Table showing costs by functional area of management structure¶

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- → Expenses broken out into labor, non-labor O&M (with contract labor identified)¶
- → Identify any capital costs¶

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“Using a common budget template developed in consultation with interested stakeholders (hopefully agreed upon at a “meet and confer” session), display how much of each year’s budget each PA anticipates spending “in-house” (e.g., for administration, non-outsourced direct implementation, other non-incentive costs, marketing), by sector and by cross-cutting program.”¶

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Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Public Sector	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance	\$ -	\$ -	\$ -
		Program Management	\$ -	\$ -	\$ -
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ -	\$ -	\$ -
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ -	\$ -	\$ -
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
	Labor Total		\$ -	\$ -	\$ -
	Non-Labor	Third-Party Implementer (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
		Local/Government Partnerships Contracts (3)	\$ -	\$ -	\$ -
		Other Contracts	\$ -	\$ -	\$ -
		Program Implementation	\$ -	\$ -	\$ -
		Policy, Strategy, and Regulatory Reporting Compliance	\$ -	\$ -	\$ -
		Program Management	\$ -	\$ -	\$ -
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ -	\$ -	\$ -
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ -	\$ -	\$ -
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT (4)	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
		Facilities	\$ -	\$ -	\$ -
		Incentives--(PA-implemented and Other Contracts Program Implementation) Programs	\$ -	\$ -	\$ -
		Incentives--Third Party Program (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
	Non-Labor Total		\$ -	\$ -	\$ -
Public Sector Total (5)			\$ -	\$ -	\$ -
	Other (collected through GRC) (2)	Labor Overheads	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -

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Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Cross-Cutting	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance	\$ -	\$ -	\$ -
		Program Management	\$ -	\$ 141,407.270	\$ 154,416.740
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ -	\$ -	\$ -
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ -	\$ -	\$ -
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
	Labor Total		\$ -	\$ 141,407.270	\$ 154,416.740
	Non-Labor	Third-Party Implementer (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
		Local/Government Partnerships Contracts (3)	\$ -	\$ -	\$ -
		Other Contracts	\$ -	\$ -	\$ -
		Program Implementation	\$ 94,660.832	\$ 432,930.665	\$ 432,930.665
		Policy, Strategy, and Regulatory Reporting Compliance	\$ -	\$ -	\$ -
		Program Management	\$ 23,665.208	\$ 108,232.666	\$ 108,232.666
		Engineering services	\$ -	\$ -	\$ -
		Customer Application/Rebate/Incentive Processing	\$ -	\$ -	\$ -
		Customer Project Inspections	\$ -	\$ -	\$ -
		Portfolio Analytics	\$ -	\$ -	\$ -
		ME&O (Local)	\$ -	\$ -	\$ -
		Account Management / Sales	\$ -	\$ -	\$ -
		IT (4)	\$ -	\$ -	\$ -
		Call Center	\$ -	\$ -	\$ -
		Facilities	\$ -	\$ -	\$ -
		Incentives--(PA-implemented and Other Contracts Program Implementation) Programs	\$ -	\$ -	\$ -
		Incentives--Third Party Program (as defined per D.16-08-019, OP 10)	\$ -	\$ -	\$ -
	Non-Labor Total		\$ 118,326.040	\$ 541,163.331	\$ 541,163.331
Cross-Cutting Total (5)			\$ 118,326.040	\$ 682,570.601	\$ 695,580.071
	Other (collected through GRC) (2)	Labor Overheads	\$ -	\$ -	\$ -

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ATTACHMENT E

MCE CEDARS Filing Submission

Receipt

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: 2022

Submitted: 20:32:06 on 14 Dec 2021

By: Qua Vallery

Advice Letter Number: 54-E

* Portfolio Budget Filing Summary *

- TRC: 0.84
- PAC: 0.96
- TRC (no admin): 1.71
- PAC (no admin): 2.34
- RIM: 0.96
- Budget: \$14,704,132.04
- TotalSystemBenefit: \$13,995,061.20
- ElecBen: \$11,412,214.42
- GasBen: \$2,661,357.68
- OtherBen: \$0.00
- TRCCost: \$16,852,139.68
- PACCost: \$14,653,803.26

* Programs Included in the Budget Filing *

- MCE01: Multifamily Energy Savings
- MCE01c: Multifamily Strategic Energy Management
- MCE02: Commercial Upgrade
- MCE02a: Commercial Deemed
- MCE02b: Commercial Custom
- MCE02c: Commercial Strategic Energy Management
- MCE02d: Commercial Normalized Energy Consumption
- MCE07: Single Family Home Energy Report
- MCE08: Single Family Home Energy Savings
- MCE10: Industrial

- MCE10a: Industrial Deemed
- MCE10b: Industrial Custom
- MCE10c: Industrial Strategic Energy Management
- MCE10d: Industrial Normalized Metered Energy Consumption
- MCE11: Agricultural
- MCE11a: Agricultural Deemed
- MCE11b: Agricultural Custom
- MCE11c: Agricultural Strategic Energy Management
- MCE11d: Agricultural Normalized Metered Energy Consumption
- MCE16: Workforce Education and Training (WET)
- MCE17: Commercial Equity
- 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: 2023

Submitted: 20:46:03 on 14 Dec 2021

By: Qua Vallery

Advice Letter Number: 54-E

* Portfolio Budget Filing Summary *

- TRC: 0.85
- PAC: 0.97
- TRC (no admin): 1.85
- PAC (no admin): 2.5
- RIM: 0.97
- Budget: \$15,362,755.93
- TotalSystemBenefit: \$14,772,012.19
- ElecBen: \$12,381,742.57
- GasBen: \$2,479,647.75
- OtherBen: \$0.00
- TRCCost: \$17,429,391.19
- PACCost: \$15,324,198.26

* Programs Included in the Budget Filing *

- MCE01: Multifamily Energy Savings
- MCE01c: Multifamily Strategic Energy Management
- MCE02: Commercial Upgrade
- MCE02a: Commercial Deemed
- MCE02b: Commercial Custom
- MCE02c: Commercial Strategic Energy Management
- MCE02d: Commercial Normalized Energy Consumption
- MCE07: Single Family Home Energy Report
- MCE08: Single Family Home Energy Savings
- MCE10: Industrial

- MCE10a: Industrial Deemed
- MCE10b: Industrial Custom
- MCE10c: Industrial Strategic Energy Management
- MCE10d: Industrial Normalized Metered Energy Consumption
- MCE11: Agricultural
- MCE11a: Agricultural Deemed
- MCE11b: Agricultural Custom
- MCE11c: Agricultural Strategic Energy Management
- MCE11d: Agricultural Normalized Metered Energy Consumption
- MCE16: Workforce Education and Training (WET)
- MCE17: Commercial Equity
- MCE97: CPUC EM&V;
- MCE98: MCE EM&V;