



# California Public Utilities Commission

# ADVICE LETTER UMMARY



| LIVEROTOTIETT  |   |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|
| MUST BE COMPLETED BY UT  | ILITY (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 WATER = Water  | (Date Submitted / Received Stamp by CPUC)   |  |  |  |  |  |  |
| Advice Letter (AL) #:  | Tier Designation:   |  |  |  |  |  |  |
| Subject of AL:   |   |  |  |  |  |  |  |
| Keywords (choose from CPUC listing):   |   |  |  |  |  |  |  |
| AL Type: Monthly Quarterly Annu-   |   |  |  |  |  |  |  |
| if AL submitted in compliance with a Commissi  | on order, indicate relevant Decision/Resolution #:  |  |  |  |  |  |  |
| Does AL replace a withdrawn or rejected AL?  | f so, identify the prior AL:  |  |  |  |  |  |  |
| Summarize differences between the AL and th  | e prior withdrawn or rejected AL:   |  |  |  |  |  |  |
| Confidential treatment requested? Yes  | No  |  |  |  |  |  |  |
|  | nation:<br>vailable to appropriate parties who execute a ontact information to request nondisclosure agreement/ |  |  |  |  |  |  |
| Resolution required? Yes No  |   |  |  |  |  |  |  |
| Requested effective date:  | No. of tariff sheets:   |  |  |  |  |  |  |
| Estimated system annual revenue effect (%):  |   |  |  |  |  |  |  |
| Estimated system average rate effect (%):  |   |  |  |  |  |  |  |
| When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting). |   |  |  |  |  |  |  |
| Tariff schedules affected:   |   |  |  |  |  |  |  |
| Service affected and changes proposed <sup>1:</sup>  |   |  |  |  |  |  |  |
| Pending advice letters that revise the same ta   | riff sheets:  |  |  |  |  |  |  |

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: <a href="mailto:EDTariffUnit@cpuc.ca.gov">EDTariffUnit@cpuc.ca.gov</a>

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                   |  |  |  |  |  |
| Curtailable Service       | Metering                               | Transformer                    |  |  |  |  |  |
| Customer Charge           | Mobile Home Parks                      | Transition Cost                |  |  |  |  |  |
| Customer Owned Generation | Name Change                            | Transmission Lines             |  |  |  |  |  |
| Decrease Rates            | Non-Core                               | Transportation Electrification |  |  |  |  |  |
| Demand Charge             | Non-firm Service Contracts             | Transportation Rates           |  |  |  |  |  |
| Demand Side Fund          | Nuclear                                | Undergrounding                 |  |  |  |  |  |
| Demand Side Management    | Oil Pipelines                          | Voltage Discount               |  |  |  |  |  |
| Demand Side Response      | PBR / Performance Based Ratemaking     | Wind Power                     |  |  |  |  |  |
| Deposits                  | Portfolio                              | Withdrawal of Service          |  |  |  |  |  |
| Depreciation              | Power Lines                            |                                |  |  |  |  |  |



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

November 8, 2021

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

#### **MCE Advice Letter 54-E**

#### Re: Marin Clean Energy's 2022 and 2023 Energy Efficiency Annual Budget Advice Letter

Pursuant to Decision ("D.") 15-10-028, Decision Re Energy Efficiency Goals for 2016 and Beyond and Energy Efficiency Rolling Portfolio Mechanics, D.18-05-041, Decision Addressing Energy Efficiency Business Plans, D.21-05-031, Assessment of Energy Efficiency Potential and Goals and Modification of Portfolio Approval and Oversight Process, D.21-09-037, Decision Adopting Energy Efficiency Goals for 2022 – 2032, and guidance from the California Public Utilities Commission ("CPUC" or "Commission"), Marin Clean Energy ("MCE") hereby submits its Annual Budget Advice Letter ("ABAL") for Program Years ("PYs") 2022 and 2023 as MCE Advice Letter ("AL") 54-E.

#### **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.

<sup>&</sup>lt;sup>1</sup> D.15-10-028, Decision Re Energy Efficiency Goals for 2016 and Beyond and Energy Efficiency Rolling Portfolio Mechanics, OP 4 at p.123.

<sup>&</sup>lt;sup>2</sup> D.18-05-041, Decision Addressing Energy Efficiency Business Plans, OP 37, 40, 41, 44 at p. 190.

<sup>&</sup>lt;sup>3</sup> D.21-05-031, Assessment of Energy Efficiency Potential and Goals and Modification of Portfolio Approval and Oversight Process, OP 13 at p.84.

<sup>&</sup>lt;sup>4</sup> D.21-09-037, Decision Adopting Energy Efficiency Goals for 2022-2032, OP 4 at p.31.

#### **Background**

MCE has been administering energy efficiency ("EE") funds under California Public Utilities Code ("Code") Section 381.1(a)-(d) since 2013.<sup>5</sup> The Commission originally restricted MCE's EE programs to serving gaps in Investor Owned Utility ("IOU") programs and hard-to-reach markets.<sup>6</sup> At the time, the Commission acknowledged that these restrictions may cause MCE's portfolio to fail the Total Resource Cost ("TRC") test and thus did not initially impose a minimum cost effectiveness requirement on MCE.<sup>7</sup> In 2014, however, the Commission lifted the restrictions and imposed the same cost effectiveness requirements on community choice aggregators ("CCAs") as IOUs.<sup>8</sup>

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. 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.

#### **ABAL Filing Requirements**

D.15-10-028 requires each EE program administrator ("PA") to submit an AL proposing a budget for the upcoming year's EE portfolio by the first business day of September each year. <sup>11</sup> Subsequent Commission Decisions modified the ABAL filing requirements and due dates. More specifically, this AL complies with the Commission directive as outlined in the following Decisions.

D.15-10-028 directs that the ABAL shall contain a cost-effectiveness ("CE") statement at the portfolio level, as well as summary tables with forecasted budgets and savings by sector and

<sup>&</sup>lt;sup>5</sup> To date, MCE is the only community choice aggregator ("CCA") to have requested energy efficiency funding under Code Section 381.1(a)-(d).

<sup>&</sup>lt;sup>6</sup> D.12-11-015, Decision Approving 2013-2014 Energy Efficiency Programs and Budgets, at pp.45-6.

<sup>&</sup>lt;sup>7</sup> Id. at p. 46.

<sup>&</sup>lt;sup>8</sup> 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.

<sup>&</sup>lt;sup>9</sup> 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").

<sup>&</sup>lt;sup>10</sup> D.18-05-041, OP 33 at p. 189.

<sup>&</sup>lt;sup>11</sup> D.15-10-028, OP 4 at p.123.

program. The Decision also calls for a report on portfolio changes, annual spending, and fund shifting. 12

D.18-05-041 authorized Commission staff to develop templates for the ABALs and directed the PAs to use these templates for future ABAL submissions. <sup>13</sup> It also determined that PAs must include the following information in their ABAL submissions:

- Forecasted, claimed and evaluated CE information;
- Program, sector and portfolio budgets as well as authorized budgets, actual expenditures and annual budget caps in the business plan period;
- Forecasted, claimed and evaluated energy savings over the life of the Rolling Portfolio cycle;
- Greenhouse gas ("GHG") savings forecasts, actuals and goals;
- Sector-level metrics; and
- Discussion of program and portfolio changes, including a description of how to improve programs' CE over time. 14

D.18-05-041 also determined that MCE's forecasted energy savings goals must meet or exceed the annual energy savings targets established in its Business Plan<sup>15</sup> and forecasted budget must not exceed the PA's annual budget cap authorized in the Business Plan.<sup>16</sup> Finally, D.18-05-041 determined that PAs must present a draft of their ABALs in a meeting of the California Energy Efficiency Coordinating Committee ("CAEECC") prior to submission.<sup>17</sup>

D.21-05-031 determined that EE goals will be expressed in Total System Benefits ("TSB") beginning in PY 2024. In PYs 2022 and 2023, PAs must report on TSB in addition to energy and peak demand savings. <sup>18</sup> The Decision also segments the EE portfolios into three categories: Resource Acquisition, Market Support, and Equity. <sup>19</sup> The Resource Acquisition segment of the portfolio must have a forecasted CE ratio that exceeds 1.0. Programs classified as Market Support or Equity must not meet a certain CE ratio but they are limited to not exceeding 30 percent of the

<sup>&</sup>lt;sup>12</sup> Id.

<sup>&</sup>lt;sup>13</sup> D.18-05-041, OP 40 at p.191

<sup>&</sup>lt;sup>14</sup> Id., p.124ff

<sup>&</sup>lt;sup>15</sup> MCE's energy savings goals for the portfolio cycle period (2018-2025) were established in D.18-05-041 (as proposed in MCE's Business Plan) but were updated in the 2019 "true-up" ABAL.

<sup>&</sup>lt;sup>16</sup> D.18-05-041 at p. 133

<sup>&</sup>lt;sup>17</sup> Id. OP 42 at p.191

<sup>&</sup>lt;sup>18</sup> D.21-05-031, OP 1 at p.80. The Decision clarifies that the TSB metric of the portfolio shall be included in the ABAL filing but that it will not be considered a basis for the rejection of the ABAL. See D.21-05-031 at p.53.

<sup>&</sup>lt;sup>19</sup> D.21-05-031, OP 2 at p.81

overall portfolio budget.<sup>20</sup> D.21-05-031 further determines that program updates such as the opening or closure of programs may continue to be included in the budget ALs.<sup>21</sup> The requirement to consult with the CAEECC before the filing of the ABAL is removed.<sup>22</sup>

D.21-09-037 directs PAs to file the 2022-2023 ABAL by November 1, 2021, or 30 days after the issue date of that same decision.<sup>23</sup> It also determines that PAs must use the 2020 Avoided Cost Calculator ("ACC") for the 2022-2023 ABAL.<sup>24</sup> Finally, it establishes a new process for non-IOU PAs to propose and update their portfolio goals and allows MCE to update their current EE portfolio goals via this ABAL filing.<sup>25</sup>

#### **Purpose**

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 outlined above:

- 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
  - 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 attachments with this AL:

- (1) Attachment A: MCE Budget Filing Appendix
- (2) Attachment B: MCE Supplemental Budget Showing
- (3) Attachment C: MCE Budget and Savings True-up Tables

<sup>&</sup>lt;sup>20</sup> Id. OP 3 and 4 at p.81

<sup>&</sup>lt;sup>21</sup> Id. OP 12 at 83f

<sup>&</sup>lt;sup>22</sup> Id. OP 13 at 84

<sup>&</sup>lt;sup>23</sup> D.21-09-037 at p.21

<sup>&</sup>lt;sup>24</sup> Id.

<sup>&</sup>lt;sup>25</sup> Id. at p.25

- (4) Attachment D: MCE Budget Filing Detail Report
- (5) 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.<sup>26</sup> MCE outlines its portfolio segmentation proposal for PYs 2022 and 2023 below.<sup>27</sup>

#### 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.<sup>28</sup>

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.

<sup>&</sup>lt;sup>26</sup> D.21-05-031, OP 2 at p.81.

<sup>&</sup>lt;sup>27</sup> 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.

<sup>&</sup>lt;sup>28</sup> Id. at p.14.

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

| 2022 and<br>2023<br>Program ID | 2022 and 2023 Program<br>Name <sup>29</sup>        | Corresponding 2021<br>Program ID | Corresponding 2021<br>Program Name |
|--------------------------------|--|----------------------------------|------------------------------------|
| MCE01                          | Multifamily Energy Savings ("MFES")                | MCE01                            | MF Comprehensive                   |
| MCE01c                         | Multifamily Strategic Energy<br>Management ("SEM") | N/A                              | N/A                                |
| MCE02a                         | Commercial Deemed                                  |                                  |                                    |
| MCE02b                         | Commercial Custom                                  |                                  |                                    |
| MCE02c                         | Commercial SEM                                     | Commercial Upgrade               | MCE02                              |
| MCE02d                         | Commercial Normalized                              |                                  |                                    |
|                                | Metered Energy                                     |                                  |                                    |
|                                | Consumption ("NMEC")                               |                                  |                                    |
| MCE07                          | Single Family Home Energy                          | Single Family                    | MCE07                              |
|                                | Report   | Comprehensive                    | MCEU/                              |
| MCE10a                         | Industrial Deemed                                  |                                  |                                    |
| MCE10b                         | Industrial Custom                                  | Industrial                       | MCE10                              |
| MCE10c                         | Industrial SEM                                     |                                  |                                    |
| MCE10d                         | Industrial NMEC                                    |                                  |                                    |
| MCE11a                         | Agricultural Deemed                                |                                  |                                    |
| MCE11b                         | Agricultural Custom                                | Agricultural                     | MCE11                              |
| 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

<sup>29</sup> 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.

- create an energy strategy with a focus on low to no-cost Behavioral, Retrocomissioning, and Operational ("BRO") measures.
- 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.<sup>30</sup>

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 pretrained job seekers. Local job seekers receive home performance training, job coaching support,

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<sup>&</sup>lt;sup>30</sup> D.21-05-031 at p.14

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.

#### **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.<sup>31</sup>

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.<sup>32</sup>

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<sup>&</sup>lt;sup>31</sup> D.21-05-031 at p.14f

<sup>&</sup>lt;sup>32</sup> Underserved Community as defined in AB841.

#### 2. Updated Portfolio Goals

As authorized under D.21-09-037, MCE is updating its 2022-2023 portfolio goals in this ABAL.<sup>33</sup> 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.

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.

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<sup>&</sup>lt;sup>33</sup> D.21-09-037 at p.21

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

| Program Year Budget Savings  | •                             |                        |             |                  |                  |             |                               |                        |        |                    |                |               |
|--|-------------------------------|------------------------|-------------|------------------|------------------|-------------|-------------------------------|------------------------|--------|--------------------|----------------|---------------|
|  |                               |                        | FORE        | CAST ENERGY SAVI | NGS (Net)        |             |                               |                        |        | CAST ENERGY SAVING |                | _             |
|  |                               |                        | PA forecast | PA forecast      | PA Forecast Elec | PA Forecast |                               |                        |        | PA forecast therms |                | PA            |
| Sector   | Program Year (PY) 2022 Budget | PA forecast kWh        | kW          | therms (MM)      | CO2              | GasCO2      | Program Year (PY) 2023 Budget | PA forecast kWh        | kW     | (MM)               | Elec CO2       |               |
| Resource Acquisition Program Segment   |                               |                        |             |                  |                  |             |                               |                        |        |                    |                | ľ             |
| Residential  | \$2,170,608                   | 3,215,862              | 5           | 0.03             | 830              | 274         | \$2,254,547                   | 4,688,144              |        | 0.03               | 1,299          | -             |
| Commercial   | \$6,719,884                   | 9,204,233              | 1,222       | 0.07             | 2,299            | 416         | \$6,784,863                   | 9,256,230              | 1,216  | 0.07               | 2,409          | _             |
| Industrial   | \$1,289,458                   | 1,552,963              | 18          | 0.18             | 405              | 1,070       | \$1,144,443                   | 1,456,661              | 16     | 0.15               | 395            |               |
| Agriculture  | \$804,948                     | 976,693                | 75          | 0.03             | 258              | 183         | \$796,274                     | 981,779                | 80     | 0.03               |                | $\overline{}$ |
| Emerging Tech  | \$0                           | -                      | -           | -                | -                | -           | \$0                           | -                      | -      |                    | -              | -             |
| Public   | \$0                           | -                      | -           |                  | -                |             | \$0                           |                        | -      |                    | -              |               |
| WE&T   | \$0                           | -                      | -           | -                | -                | -           | \$0                           | -                      | -      |                    | -              | -             |
| 2 Finance  | \$0                           | -                      | -           | -                | -                | -           | \$0                           | -                      | -      | -                  | -              |               |
| OBF Loan Pool  | \$0                           | -                      | -           |                  |                  |             | \$0                           |                        | -      |                    |                |               |
| PA Subtotal (does not include ESA budget and savings)  | \$10,984,898                  | 14,949,752             | 1,320       | 0.32             | 3,792            | 1,942       | \$10,980,126                  | 16,382,814             | 1,320  | 0.28               | 4,372          |               |
| Resource Acquisition Forecasted Total System Benefit (TSB)   | \$13,619,451                  |                        |             |                  |                  |             | \$14,377,414                  |                        |        |                    |                |               |
| Resource Acquisition Forecasted Total Resource Cost (TRC)  | 1.04                          |                        |             |                  |                  |             | 1.11                          |                        |        |                    |                |               |
| Portfolio Forecasted Portfolio Administrator Cost (PAC)  | 1.24                          |                        |             |                  |                  |             | 1.31                          |                        |        |                    |                |               |
|  |                               |                        |             |                  |                  |             |                               |                        |        |                    |                | l             |
| Market Support Program Segment   |                               |                        |             |                  |                  |             |                               |                        |        |                    |                |               |
| Residential  | \$0<br>\$0                    |                        | -           |                  |                  |             | \$0<br>\$0                    |                        |        |                    |                | _             |
| Commercial   |                               |                        | -           |                  |                  |             |                               |                        |        |                    |                | _             |
| Industrial   | \$0<br>\$0                    |                        |             |                  | -                |             | \$0<br>\$0                    |                        |        |                    |                | -             |
| Agriculture Emerging Tech  | \$0<br>\$0                    |                        |             |                  | -                |             | \$0<br>\$0                    |                        |        |                    |                |               |
| Emerging Tech Public   | \$0<br>\$0                    |                        |             |                  |                  |             | \$0<br>\$0                    |                        |        |                    |                |               |
| Public<br>1 WE&T   | \$0<br>\$682,571              |                        |             |                  |                  |             | \$695,580                     |                        |        |                    |                | -             |
| YE&I<br>2 Finance  | \$682,5/1                     |                        |             |                  | -                |             | 02                            |                        |        |                    |                | -             |
| OBF Loan Pool  | \$0<br>\$0                    |                        |             |                  | -                |             | \$0<br>\$0                    |                        |        |                    |                | -             |
| DBF LOSH POOL  PA Subtotal (does not include ESA budget and savings)   | \$682,571                     | <u> </u>               |             |                  | - 1              |             | \$695,580                     |                        |        |                    |                | -             |
| Resource Acquisition Forecasted Total System Benefit (TSB)   | \$0.00                        |                        |             |                  |                  |             | \$0.00                        |                        |        | ف م                |                |               |
| Portfolio Forecasted Total Resource Cost (TRC)   | <b>30.00</b>                  |                        |             |                  |                  |             | 50.00                         |                        |        |                    |                |               |
| 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            |               |
| Commercial   | \$82,107                      |                        |             |                  |                  |             | \$687,666                     |                        | -      |                    |                |               |
| Industrial   | \$0                           | -                      |             | -                | -                |             | \$0                           |                        | -      |                    | -              |               |
| Agriculture  | \$0                           | -                      |             | -                | -                |             | \$0                           |                        | -      |                    | -              |               |
| Emerging Tech  | \$0                           | -                      | -           | -                | -                | -           | \$0                           |                        | -      | -                  | -              |               |
| Public   | \$0                           | -                      | -           | -                | -                | -           | \$0                           |                        | -      | -                  | -              |               |
| 1 WE&T   | \$0                           | -                      | -           | -                | -                | -           | \$0                           |                        | -      | -                  | -              |               |
| 2 Finance  | \$0                           | -                      | -           | -                | -                | -           | \$0                           |                        | -      | -                  | -              |               |
| OBF Loan Pool  | \$0                           | -                      | -           | -                | -                | -           | \$0                           |                        | -      | -                  | -              |               |
| PA Subtotal (does not include ESA budget and savings)  | \$2,448,499                   | 123,605                | 51          | 0.02             | 5                | 145         | \$3,072,540                   | 123,605                | 51     | 0.02               | 5              |               |
| Resource Acquisition Forecasted Total System Benefit (TSB)   | \$375,610                     |                        |             |                  |                  |             | \$394,598                     |                        |        |                    |                |               |
| Portfolio Forecasted Total Resource Cost (TRC)   |                               |                        |             |                  |                  |             | 0.14                          |                        |        |                    |                |               |
| Portfolio Forecasted Portfolio Administrator Cost (PAC)  | 0.17                          |                        |             |                  |                  |             | 0.14                          |                        |        |                    |                |               |
|  |                               |                        |             |                  |                  |             |                               |                        |        |                    |                |               |
| Portfolio  | 4                             |                        | 56          | 0.05             |                  | 419         |                               |                        | 59     | 0.05               |                | _             |
| Residential Commercial   | \$4,537,000<br>\$6,801,991    | 3,339,467<br>9,204,233 | 1,222       | 0.05             | 835<br>2,299     | 419         | \$4,639,421<br>\$7,472,528    | 4,811,750<br>9,256,230 | 1,216  | 0.05               | 1,304<br>2,409 | -             |
| Lommercial   | \$1,289,458                   | 1,552,963              | 1,222       | 0.07             | 405              | 1,070       | \$1,144,443                   | 1,456,661              | 1,216  | 0.07               | 395            | _             |
| Agriculture  | \$804,948                     | 976,693                | 75          | 0.03             | 258              | 183         | \$796,274                     | 981,779                | 80     | 0.03               | 270            | -             |
| Emerging Tech  | \$0                           | 370,033                |             | 0.03             |                  | - 103       | \$0                           | 302,773                | -      | 0.03               | 2,0            | -             |
| Public   | \$0                           |                        | -           |                  |                  |             | \$0                           |                        |        |                    |                | -             |
| 1 WE&T   | \$682,571                     |                        |             |                  |                  |             | \$695,580                     |                        |        |                    |                | -             |
| 2 Finance  | \$002,571                     |                        |             |                  |                  |             | \$0                           |                        |        |                    |                | -             |
| OBF Loan Pool  | \$0                           | -                      | -           |                  | -                |             | SO SO                         |                        | -      |                    | -              |               |
| PA Subtotal (does not include ESA budget and savings)  | \$14,115,967                  | 15,073,357             | 1,370       | 0.34             | 3,797            | 2,087       | \$14,748,246                  | 16,506,420             | 1,371  | 0.30               | 4,377          |               |
| 5 CPUC Savings Goal ( w/o C&S)   |                               | 15.073.357             | 1.370       | 0.34             | 3,797            | 2.087       |                               | 16,506,420             | 1.371  | 0.30               | 4,377          |               |
| 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%         |               |
| Total EM&V <sup>7</sup>  | \$588,165                     |                        |             |                  |                  |             | \$614,510                     |                        |        |                    |                |               |
| PA EM&V  | \$225,039                     | 1                      |             |                  |                  |             | \$233,653                     |                        |        |                    |                |               |
| ED EM&V  | \$363,126                     | 1                      |             |                  |                  |             | \$380,857                     | l                      |        |                    |                |               |
| Portfolio Forecasted Total System Benefit (TSB)  | \$13,995,061                  |                        |             |                  |                  |             | \$14,772,012                  |                        |        |                    |                |               |
| Portfolio Forecasted Total Resource Cost -TRC (w/o C&S and w/ EM&V)  | 0.84                          |                        |             |                  |                  |             | 0.86                          |                        |        |                    |                |               |
| Portfolio Forecasted Portfolio Administrator Cost (PAC)  | 0.96                          |                        |             |                  |                  |             | 0.97                          |                        |        |                    |                |               |
| Portfolio Forecasted Ratepayer Impact Measure (RIM)  | 0.96                          |                        |             |                  |                  |             | 0.97                          |                        |        |                    |                |               |
| Codes and Standards  | \$0                           |                        |             |                  |                  |             | \$0                           |                        |        |                    |                |               |
| PA Spending Budget Request <sup>1</sup>  | \$14,704,132                  | 1                      |             |                  |                  |             | \$15,362,756                  |                        |        |                    |                |               |
| (LESS) PA Pre-2020 Uncommitted and Unspent Carryover Balance <sup>2</sup>                                    | \$315,181                     | ĺ                      |             |                  |                  |             | \$0                           | l                      |        |                    |                |               |
| 1 CEC AB 841 Program Funding <sup>3</sup>  |                               | ]                      |             |                  |                  |             |                               |                        |        |                    |                |               |
| 2 Applicable percentage (70%) of difference between funding limitation and 2020 budget                       | \$0                           | Ī                      |             |                  |                  |             | \$0                           | l                      |        |                    |                |               |
| PA 2020 and Beyond Uncommitted and Unspent Carryover Balance 4   | \$0                           | Ī                      |             |                  |                  |             | \$0                           | l                      |        |                    |                |               |
| 4 CEC AB 841 Total Program Funding   | \$0                           | Ī                      |             |                  |                  |             | \$0                           | l                      |        |                    |                |               |
|  |                               | ĺ                      |             |                  |                  |             |                               | l                      |        |                    |                |               |
| PA Revenue Requirement Request (Cost Recovery) 5   | \$14,388,951                  | ı                      |             |                  |                  |             | \$15,362,756                  | l                      |        |                    |                |               |
| N of Facility and Market Courses Decrease D.   |                               | l                      |             |                  |                  |             | 25%                           |                        |        |                    |                |               |
| % of Equity and Market Support Program Budgets to PA Spending Budget Request (not to                         | 21%                           | ı                      |             |                  |                  |             | 25%                           |                        |        |                    |                |               |
| 6 PA Authorized Budget Cap (D.18-05-041)   | \$10,998,000                  | ĺ                      |             |                  |                  |             | \$10,998,000                  |                        |        |                    |                |               |
|  |                               | 1                      |             |                  |                  |             | 72,22,000                     | 1                      |        |                    |                |               |
| For CCA & RENS in IOU Service Territory Only(IOU PA Only to complete)  |                               | 1                      |             |                  |                  |             |                               | 1                      |        |                    |                |               |
| REN Budget Recovery Request  | SO SO                         | Ī                      |             |                  |                  |             | SO SO                         | 1                      |        |                    |                |               |
| BayREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryo                                      | -                             | 1                      |             |                  |                  |             | -                             | 1                      |        |                    |                |               |
| SoCal REN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Car                                      |                               | 1                      |             |                  |                  |             | -                             | 1                      |        |                    |                |               |
| 3CREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryon                                      |                               | 1                      |             |                  |                  |             |                               | 1                      |        |                    |                |               |
| RCEA PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryove                                      |                               | 1                      |             |                  |                  |             |                               | 1                      |        |                    |                |               |
| 2 CCA Budget Recovery Request  | \$0                           | Ī                      |             |                  |                  |             | \$0                           | 1                      |        |                    |                |               |
| MCE PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryove                                       |                               | 1                      |             |                  |                  |             | -                             | 1                      |        |                    |                |               |
| Lancaster PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carry                                    |                               | 1                      |             |                  |                  |             |                               | i                      |        |                    |                |               |
| Redwood Coast Energy Authority (excl. REN Uncommitted/Unspent Carryover)                                     |                               | 1                      |             |                  |                  |             |                               | 1                      |        |                    |                |               |
|  |                               | 1                      |             |                  |                  |             |                               | 1                      |        |                    |                |               |
| San Jose Clean Energy (excl. REN Uncommitted/Unspent Carryover)  | -                             |                        |             |                  |                  |             |                               |                        |        |                    |                |               |
| San Jose Clean Energy (excl. REN Uncommitted/Unspent Carryover)  Total PA (IOU+CCAs-RENs ) Recovery Budget 6 | \$14,388,951                  |                        |             |                  |                  |             | \$15,362,756                  |                        |        |                    |                |               |

This is the MCT's requested EF Portfolio budget.

The blacker of respect succommitted firests MCT's support succommitted 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 tunds were musure management for the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent tunds were included in row 70. MCE is forecasting 50 in unspent, and a second AMA. If filled in QL, this unspent succommitted amount will be an estimate for the year in which the AMA! is filled. 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 50 in unspent, and the success of the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting 50 in unspent, and the success of the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting 50 in unspent, and the success of the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting 50 in unspent, and the success of the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting 50 in unspent, and the success of the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting 50 in unspent, and the success of the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting 50 in unspent, and the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting 50 in unspent, and the CEC's 2021 Schools Stimulus Program. Therefore, MCE's 2020 unspent funds were included in row 70. MCE is forecasting 50 in unspent, and the CEC's 2021 Schools Stimulus Program. Therefor

#### 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.<sup>34</sup> MCE reports on these values in Attachment D: the Budget Filing Detail Report, which is also downloadable from the CPUC's CEDARS website.<sup>35</sup>

#### **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.<sup>36</sup>

Table 6: GHG Savings forecasts and actuals beginning with 2016

| Program Year |                        | Actual GHG Savings (Tons |
|--------------|------------------------|--------------------------|
|              | (Tons CO <sub>2)</sub> | $CO_{2)}$                |
| 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. <sup>37</sup> 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. <sup>38</sup>

<sup>&</sup>lt;sup>34</sup> D.18-05-041 at p. 124.

<sup>&</sup>lt;sup>35</sup> Download the Budget Filing Detail Report at: https://cedars.sound-data.com/filings/list/

<sup>&</sup>lt;sup>36</sup> D.18-05-041 at p.127

<sup>&</sup>lt;sup>37</sup> D.18-05-041 at p. 132.

<sup>&</sup>lt;sup>38</sup> See Attachment C: MCE Budget and Savings True Up Tables

Table 7:MCE Budget and Savings True-Up

|  | Annual Rolling Portfolio Budget Forecast - True-up |    |            |    |            |    |            |                   |                   |                  |     |           |       |         |
|--|--|----|------------|----|------------|----|------------|-------------------|-------------------|------------------|-----|-----------|-------|---------|
| Sector                                   | 2018**   |    | 2019       |    | 2020       |    | 2021       | 2022              | 2023              | 2024             | ļ   | 2025      |       | Total   |
| Residential                              | \$<br>558,107                                      | \$ | 1,317,213  | \$ | 1,094,802  | \$ | 2,733,236  | \$<br>4,537,000   | \$<br>4,639,421   | \$<br>-          | \$  | -         | \$14, | 879,779 |
| Commercial                               | \$<br>617,207                                      | \$ | 643,277    | \$ | 1,015,506  | \$ | 7,010,541  | \$<br>6,801,991   | \$<br>7,472,528   | \$<br>-          | \$  | -         | \$23, | 561,051 |
| Industrial                               | \$<br>137,360                                      | \$ | 113,244    | \$ | 592,732    | \$ | 871,077    | \$<br>1,289,458   | \$<br>1,144,443   | \$<br>-          | \$  | -         | \$ 4, | 148,314 |
| Agriculture                              | \$<br>-  | \$ | 93,618     | \$ | 233,243    | \$ | 468,195    | \$<br>804,948     | \$<br>796,274     | \$<br>-          | \$  | -         | \$ 2, | 396,278 |
| Emerging Tech                            | \$<br>-  | \$ | -          | \$ | -          | \$ | -          | \$<br>-           | \$<br>-           | \$<br>-          | \$  | -         | \$    | -       |
| Public                                   | \$<br>-  | \$ | -          | \$ | -          | \$ | -          | \$<br>-           | \$<br>-           | \$<br>-          | \$  | -         | \$    | -       |
| Codes and Standards                      | \$<br>-  | \$ | -          | \$ | -          | \$ | -          | \$<br>-           | \$<br>-           | \$<br>-          | \$  | -         | \$    | -       |
| WE&T                                     | \$<br>-  | \$ | -          | \$ | 118,326    | \$ | 361,481    | \$<br>682,571     | \$<br>695,580     | \$<br>-          | \$  | -         | \$ 1, | 857,958 |
| Finance                                  | \$<br>18,524                                       | \$ | -          | \$ | -          | \$ | -          | \$<br>-           | \$<br>-           | \$<br>-          | \$  | -         | \$    | 18,524  |
| OBF Loan Pool                            | \$<br>-  | \$ | -          | \$ | -          | \$ | -          | \$<br>-           | \$<br>-           | \$<br>-          | \$  | -         | \$    | -       |
| Subtotal                                 | \$<br>1,331,198                                    | \$ | 2,167,352  | \$ | 3,054,610  | \$ | 11,444,530 | \$<br>14,115,967  | \$<br>14,748,246  | \$<br>-          | \$  | -         | \$46, | 861,902 |
| EM&V                                     | \$<br>16,590                                       | \$ | 95,351     | \$ | 25,622     | \$ | 119,113    | \$<br>588,165     | \$<br>614,510     | \$<br>-          | \$  | -         | \$ 1, | 459,351 |
| Total Portfolio Program Year PA Budget   | \$<br>1,347,788                                    | \$ | 2,262,703  | \$ | 3,080,232  | \$ | 11,563,643 | \$<br>14,704,132  | \$<br>15,362,756  | \$<br>-          | \$  | -         | \$48, | 321,253 |
| Total PY Unrequested Funds               | \$<br>7,184,212                                    | \$ | 6,269,298  | \$ | 9,323,768  | \$ | 840,357    | \$<br>(3,706,132) | \$<br>(4,364,756) | \$<br>10,998,000 | \$1 | 0,870,000 | \$37, | 414,747 |
| Total Cumulative Unrequested Funds       | \$<br>7,184,212                                    | \$ | 13,453,510 | \$ | 22,777,278 | \$ | 23,617,635 | \$<br>19,911,503  | \$<br>15,546,747  | \$<br>26,544,747 | \$3 | 7,414,747 | \$37, | 414,747 |
| Total Authorized Portfolio PY Budget Cap | \$<br>8,532,000                                    | \$ | 8,532,000  | \$ | 12,404,000 | \$ | 12,404,000 | \$<br>10,998,000  | \$<br>10,998,000  | \$<br>10,998,000 | \$1 | 0,870,000 | \$85, | 736,000 |

<sup>\*2018 - 2020</sup> are actual expenditures. 2021 - 2023 are forecasted expenditures.

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. MCE is requesting an increase of its portion of the EM&V budget to 40 percent per D.16-08-019. 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 |                    |

<sup>&</sup>lt;sup>39</sup> D.09-09-047, *Decision Approving 2010 to 2012 Energy Efficiency Portfolios and Budgets*, OP 50 at p. 390.

<sup>\*\* &</sup>quot;Reset" 2018 budget at or below 2018 annual budget approved in Business plan Decision. "True-up" years 2019-2025.

<sup>&</sup>lt;sup>40</sup> 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 |                    |

## <u>Historical Budget Information</u>

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<br>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   | 2022 and 2023 Program | <b>Corresponding 2021</b> | Corresponding 2021 |  |  |  |
|------------|-----------------------|---------------------------|--------------------|--|--|--|
| 2023       | Name                  | Program ID                | Program Name       |  |  |  |
| Program ID |                       |                           |                    |  |  |  |
| MCE02a     | Commercial Deemed     |                           |                    |  |  |  |
| MCE02b     | Commercial Custom     | Commercial Upgrade        | MCE02              |  |  |  |
| MCE02c     | Commercial SEM        |                           |                    |  |  |  |
| MCE02d     | Commercial NMEC       |                           |                    |  |  |  |
| MCE10a     | Industrial Deemed     |                           |                    |  |  |  |
| MCE10b     | Industrial Custom     | Industrial                | MCE10              |  |  |  |
| MCE10c     | Industrial SEM        |                           |                    |  |  |  |
| MCE10d     | Industrial NMEC       |                           |                    |  |  |  |
| MCE11a     | Agricultural Deemed   |                           |                    |  |  |  |
| MCE11b     | Agricultural Custom   | Agricultural              | MCE11              |  |  |  |
| 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.<sup>41</sup> They can be downloaded in spreadsheet form on the CPUC's data reporting website, CEDARS.<sup>42</sup> 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 <a href="mailto:Process Office@epuc.ca.gov">Process Office@epuc.ca.gov</a>.

#### **Protests**

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

<sup>&</sup>lt;sup>41</sup> See OP 9 of D.18-05-041.

<sup>&</sup>lt;sup>42</sup> See MCE's 2020 Annual Report Narrative and Excel (including Metrics) at: <a href="https://cedars.sound-data.com/documents/standalone/list/">https://cedars.sound-data.com/documents/standalone/list/</a>.

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

ikopyciok-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 <a href="mailto:jkopyciok-lande@mceCleanEnergy.org">jkopyciok-lande@mceCleanEnergy.org</a>.

#### **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 B: MCE Supplemental Budget Showing
- (3) Attachment C: MCE Budget and Savings True-up Tables
- (4) Attachment D: MCE Budget Filing Detail Report
- (5) Attachment E: MCE CEDARS Filing Submission Receipt

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

# ATTACHMENT A MCE Budget Filing Appendix

Reference your zer nation enes. This with appear on every report Cert no.

All currency will be reported to the dollar, i.e., 50.
Follow the legend to guide the input of various data requirements.

Other than Tabs 4 and 5, do not add rows. When adding rows, ensure all formulas are copied.

Tab 4 Program Budget is the primary data entry tab. Most other tabs are calculations using the data from Tab 4 as the source of data. All tables totals should be reactivated to ensure footing/ross footing accuracy. Be mindful of print area to ensure footines are included when added.

Legend - What do the colors mean Solid Gray, black font - FORMULA Solid Blue, blue font - DATA INPUT CI Solid Gold, black font - HEADER/INFO

Specific Tab Instructions: ReadMe Tab 0 Populate Cell A2 with PA name, this will populate PA Name on each tab Tab is protected, but no password required to unprotect Tab 1

Current Year calculations are based on current effective rates.
Total Average Annual Bill Savings by Year (5) =Electric Average Rate (Res and Non-Res) S/huh \* Total First Year Electric Net Savings KWH + Gas Average Rate (Res and Non-Res) S/them\* \* Total First Year Gas Net Savings Therm
Total Average Lifeche Bill Savings (3) = Electric Average Rate (Res and Non-Res) S/huh \* Total Lifecycle Electric Net Savings KWH + Gas Average Rate (Res and Non-Res) S/them\* Total Lifecycle Gas Net Savings Therm
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Total Average Lifeche Bill Savings (3) = E

Tab 2

Populate only the blue highlighted cells. For example, forecasted electric and gas portfolio allocation percentage Tab 3

This is the primary input sheet for most of the data that feeds the other tables.
Please add now between rows 7 and 129. Copy an existing row for adding new rows to ensure all formulas carry over. Check to make sure that the formulas in the subtotal include the added rows.
\*\*PA portion of 15 settlewide programs must be marked as "Core PA" rather than "Satewide".
\*\*This is 40 of AP IT Spending Budget Request.
\*\*EMBAY - PA section Bits can range from 27 5% up to 40% of the EMBAY 4% budget.
\*\*PA section Bits can range from 27 5% up to 40% of the EMBAY 4% budget.
\*\*PA settle miss can range from 27 5% up to 40% of the EMBAY 4% budget.
\*\*Can Sat section on yapiets to the 100 PA.
\*\*Consider whether OBF Loan pool is included as part of the PA portfolio or not. Tab 9 may need to be adjusted if it is not.

Tab 4.1 This is the updated version of the required Program Changes table introduced in the 2021 ABAL Each PA may add as many lines to each section without impacting any other workbook tabs.

Read Col L for data specific instructions/descriptions.

OBF Loan Pool calculation in Column C-H includes OBF Loan Pool as part of the PA Portfolio. Formulas need to be adjusted to exclude this amount if not appropriate to be part of the PA Portfolio
"For CCA & RENS in IOU Service Territory Only" section is the CCA/REN Revenue Request. Unspent/Uncommitted funds for the CCA/REN is disclosed on the CCA/REN's BBAL template.

Cells E13 [2022] and K13 [2023], Admin expenditures for non-PA, non-qualifying Third Party & Partnerships (non-Target Exempt Programs) must be manually populated as the forecast admin expenditures from the "Core PA" program type [Tab 4, CoF]. The PA admin formula in cell E12 will adjust for this manual entry.

Non IOU PAs need to complete Table 8 C&T for informational purposes

Add footnotes to the files as specific for your PA and update any blue references in the existing footnotes.

These tables are required by D.18-05-041 OP 44. Tabs 9 through 16



Place program in Table based on status category the program falls in. Determine which status category using program status come Jan 1, 2021 (if the 2021 ABAL filing is approved as is).

If a program is "zeroed out", i.e. has \$0 planned in PY 2021, but isn't listed in one of the first two "Programs to be closed" status categories, the PAs must list it in the Programs with reduced budgets category, and explain how/why the program is not marked for closure.

#### Status

#### Programs to be closed with the disposition of 2021 ABAL

These programs likely have \$0 budget planned in 2020, any any exceptions should be explained.

#### Programs to be closed upon completion of commitments

Separate from program level table, define/describe where the PA drew a line on which commitments to honor/complete Programs with reduced budgets (>40% budget decrease), to continue in 2021

#### Programs that are new in 2021

These programs have \$0 2020 budgets

Programs with enhanced budgets (>40% budget increase)

Pa Name:

Marin Clean Energy

Budget Year: 2022-2023

#### **Spending Budget Comparison**

Tab 3 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)

Tab 4 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)

Tab 7 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)
Tab 8 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)

Tab 9 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)

Difference

#### **Revenue Requirement or Cost Recovery Comparison**

Tab 4 - PA Revenue Requirement Request

Tab 7 - PA Revenue Requirement Request (Cost Recovery)

Difference

#### **Program Budget by Cost Category**

Tab 4 - Program Budgets

Tab 8 - Caps & Targets

Difference

Tab 9 - Incentives Column, EE Total

Difference

#### Unspent/Uncommitted compared to CEC 2020 and beyond

Tab 4 - CEC value 2020 and Beyond amount

Tab 3 - Table 3d - 2020 and 2021 Unspent/Uncommitted

Difference

#### Portfolio Budget Total vs Budget by Function Summary Total

Tab 7 - PA Portfolio Budget by Function

Tab 9 - PA Portfolio Budget by Function

Difference

Tab 7 - PA Portfolio Budget by Function

Tab 9 - PA Portfolio Budget by Function

Difference

| _  |            |                  |
|----|------------|------------------|
|    | 2022       | 2023             |
| \$ | 14,704,132 | \$<br>15,362,756 |

| 2022             | 2023             |
|------------------|------------------|
| \$<br>14,704,132 | \$<br>15,362,756 |
| \$<br>14,388,951 | \$<br>15,362,756 |

315,180.70

| 2022 |         |    |      |   |    |           | 2023         |          |    |      |          |              |  |
|------|---------|----|------|---|----|-----------|--------------|----------|----|------|----------|--------------|--|
|      | Admin   |    | Mktg |   |    | DINI      | DI Incentive | Admin    |    | Mktg | DINI     | DI Incentive |  |
| \$   | 990,052 | \$ |      | - | \$ | 6,362,628 | \$ 6,763,287 | ######## | \$ |      | ######## | \$ 6,649,751 |  |
| \$   | 990,052 | \$ |      | - | \$ | 6,362,628 | \$ 6,763,287 | #######  | \$ |      | #######  | \$ 6,649,751 |  |

\_\_\_\_\_\_

\$ 6,763,287

| 2022 | 2023 |  |  |  |  |  |
|------|------|--|--|--|--|--|
| \$ - | \$ - |  |  |  |  |  |
| \$ - | \$ - |  |  |  |  |  |
|      |      |  |  |  |  |  |

2022 Emerging Codes & OBF Loan Agriculture Public Standards WE&T Residential Commercial Industrial Tech Finance **Cross Cutting** Pool \$4,536,999.65 \$6,801,990.96 \$1,289,457.66 \$804,948.41 \$0 \$682,570.60 \$ \$682,570.60 \$ -\$1,289,457.66 \$804,948.41 \$4,536,999.65 \$6,801,990.96 \$682,570.60 \$

|                 | 2023           |                |              |     |        |    |         |     |        |              |         |                      |    |        |
|-----------------|----------------|----------------|--------------|-----|--------|----|---------|-----|--------|--------------|---------|----------------------|----|--------|
|                 |                |                |              |     |        | Eı | merging | Co  | des &  |              |         |                      | ОВ | F Loan |
| Residential     | Commercial     | Industrial     | Agriculture  | - 1 | Public |    | Tech    | Sta | ndards | WE&T         | Finance | <b>Cross Cutting</b> | F  | Pool   |
| \$ 4,639,420.62 | \$7,472,528.27 | \$1,144,442.97 | \$796,273.62 | \$  | -      | \$ | -       | \$  |        | \$695,580.07 | \$ -    | \$695,580.07         | \$ | -      |
| \$ 4,639,420.62 | \$7,472,528.27 | \$1,144,442.97 | \$796,273.62 | \$  | -      |    |         |     |        |              |         | \$695,580.07         | \$ | -      |

Marin Clean Energy Pa Name: Budget Year: 2022-2023
(This Table applies only to the IOU PAs)

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

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

Total Average Lifecycle Bill Savings (\$)

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) \$/kmm \* Total First Year Gas Net Savings Therm 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  | 1                          |                      |               |                             |                      |                      |               |                             |                      |                      |               |                             |
|----------------|---|----------------------------|----------------------|---------------|-----------------------------|----------------------|----------------------|---------------|-----------------------------|----------------------|----------------------|---------------|-----------------------------|
| Budget Year: 2 |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               |                             |
|                | olies only to the IOU PAs)  | =                          |                      |               |                             |                      |                      |               |                             |                      |                      |               |                             |
| _1             | Table 2a - Electric Bill Payer Impacts - Current and Proposed Rever |                            |                      | r Class       |                             |                      |                      |               |                             |                      |                      |               |                             |
|                |   | 2021 Proposed Energy       | 2021 Proposed        |               | 2021 Energy Efficiency      | 2022 Proposed Energy | 2022 Proposed        |               | 2022 Energy Efficiency      | 2023 Proposed Energy | 2023 Proposed        |               | 2023 Energy Efficiency      |
|                |   | Efficiency Electric Annual | Percentage Change In | 2021 Electric | Portion of Electric Average |                      |                      | 2022 Electric | Portion of Electric Average |                      | Percentage Change In | 2023 Electric | Portion of Electric Average |
|                |   | Revenue Change             | Electric Revenue and | Average Rate  | Rate                        | Revenue Change       | Electric Revenue and | Average Rate  | Rate                        | Revenue Change       | Electric Revenue and | Average Rate  | Rate                        |
| L              | Customer Classes  | \$000                      | Rates                | S/kWh         | S/kWh                       | \$000                | Rates                | S/kWh         | \$/kWh                      | \$000                | Rates                | \$/kWh        | S/kWh                       |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               | 4                           |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               | 4                           |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               | 4                           |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               | 4                           |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               | 4                           |
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|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               | 4                           |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               | 4                           |
| -              |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      | _             |                             |
| -              |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               |                             |
| -              |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               | +                           |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               |                             |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               |                             |
|                |   |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               |                             |
|                | t - Doord or forbroad datal consist officialists and                |                            |                      |               |                             |                      |                      |               |                             |                      |                      |               |                             |

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

| Table 2b - Gas Bill Payer Impacts | - Current and Proposed Revenue: | s and Rates, Total and Ener | gy Efficiency, by Customer C | lass |
|-----------------------------------|---------------------------------|-----------------------------|------------------------------|------|
|                                   |                                 |                             |                              |      |

| 2021 Freposed Energy Efficiency Go Annual Revenue Change Sobol Revenue Change Sobol Revenue Andreas Shawh Costomer Clases Costomer Clases Shaw Shaw Shaw Shaw Shaw Shaw Shaw Shaw  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|--|------------------|----------------------|-------------------|-------|--|----------------------|-------------------|--------|-------------|----------------------|-------------------|--------|-------------|
| Revenue Change Percentage Change In Gas Average Rate Portion of Gas Average Rate Revenue Change Percentage Change In Gas Average Rate Portion of Gas Average Rate Portion of Gas Average Rate Revenue Change Percentage Change In Gas Average Rate Revenue Change Percentage Change In Gas Average Rate Revenue Change In Gas Average Rate Rate Revenue Change In Gas Average Rate Rate Rate Rate Rate Rate Rate Rat |                  | 2021 Proposed Energy |                   | ****  | 4044 F F F F F F F F F F F F F F F F F F | 2022 Proposed Energy |                   | ****   | 4044 F FM I | 2023 Proposed Energy |                   | ****   | 4044 F FM 1 |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
| Customer Classes         \$500         Revene and Rates         \$1.Wh         \$500         Revene and Rates         \$3.Wh         \$5.Wh   |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  | Customer Classes | \$000                | Revenue and Rates | S/kWh | \$/kWh                                   | \$000                | Revenue and Rates | \$/kWh | S/kWh       | \$000                | Revenue and Rates | \$/kWh | S/kWh       |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
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|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
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|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |
|  |                  |                      |                   |       |  |                      |                   |        |             |                      |                   |        |             |

#### Table 3 - Budget and Cost Recovery by Funding Source

Table 3a - PA Spending Budget Request by Funding Source

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

<sup>1</sup> 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<br>Revenue<br>Requirement | %Allocation<br>after Carryover<br>adjustment | 2023 Revenue<br>Requirement | %Allocation<br>after Carryover<br>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)

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

|                                |          | 2022 |       | 2023     |      |       |  |  |  |  |  |
|--------------------------------|----------|------|-------|----------|------|-------|--|--|--|--|--|
| EM&V Unspent/Uncommitted Funds | Electric | Gas  | Total | Electric | Gas  | Total |  |  |  |  |  |
| Pre-2020                       | \$ -     | \$ - | S -   | s -      | s -  | \$ -  |  |  |  |  |  |
| 2020 <sup>2</sup>              | \$ -     | \$ - | \$ -  | s -      | \$ - | \$ -  |  |  |  |  |  |
| 2021 2                         | \$ -     | \$ - | \$ -  | \$ -     | \$ - | \$ -  |  |  |  |  |  |
| 2022 2                         |          |      |       | s -      | s -  | \$ -  |  |  |  |  |  |
| Total                          | \$ -     | \$ - | \$ -  | \$ -     | \$ - | \$ -  |  |  |  |  |  |

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

Note on Table 3d
Any actual uncommitted/unspent funds for 2023 will be trued-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                                  |                 |                                  |                                  | Demand                                  |   |                                     |                                     |  |  |  |  |  |
|                                  | Response                                |                 | Energy Efficience                | ·y                               | Response                                |   | Energy Efficiency                   |                                     |  |  |  |  |  |
|                                  | Electric<br>Demand<br>Response<br>Funds | Electric Energy | Natural Gas Public Purpose Funds | Total Energy<br>Efficiency Funds | Electric<br>Demand<br>Response<br>Funds | Electric<br>Energy<br>Efficiency<br>Funds | Natural Gas Public<br>Purpose Funds | Total Energy<br>Efficiency<br>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 5            |   | \$              | · s -                            | s -                              |   | \$ -                                      | s -                                 | s -                                 |  |  |  |  |  |
| Program Funds - REN 5            |   | \$              | · \$ -                           | S -                              |   | \$ -                                      | \$ -                                | \$ -                                |  |  |  |  |  |
| Program Funds - CCA 5            |   | \$              | · \$ -                           | \$ -                             |   | \$ -                                      | \$ -                                | \$ -                                |  |  |  |  |  |
| EM&V <sup>3</sup>                |   | \$ 419,004      | \$ 169,161                       | \$ 588,165                       |   | \$ 441,267                                | \$ 173,244                          | \$ 614,510                          |  |  |  |  |  |
| Budget Total                     | \$ -                                    | \$ 10,250,577   | \$ 4,138,374                     | \$ 14,388,951                    | s -                                     | \$ 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

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

| Accrued funds not yet spent          | Electric Procurement | Natural Gas Public |             |
|--------------------------------------|----------------------|--------------------|-------------|
| Category                             | Funds                | Purpose Funds      | Total       |
| 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 |

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

| Pa Name:<br>Budget Year | Marin Clean Energy<br>2022-2023 | (This Table applies only to the IOU PAs) |
|-------------------------|---------------------------------|--|
| Table 6 - St            | atewide Programs                |  |

| Statewide Programs   |          |   |               |              |              |                                |                               |                  |   | NOU 'Electric Proportions<br>D)*(NOU 'Gas Proportions |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
|--|----------|---|---------------|--------------|--------------|--------------------------------|-------------------------------|------------------|---|---|---|-----------------|------|-------------|--------------|----------|--------|--------------|--------------|--|--|------|-------|---------------------------|--------------|------|---------------|---------------|-----------------|--------|-------------|---------------|---------------|
|  |          |   |               |              |              |                                |                               | Cal D            | Col E   | Colf  | Cal G   | Col H           | 1    |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
|  |          | 2020 Program                              | 2021 Propries | 2022 Brossom | 2023 Program | Expected or<br>Actual Contract | Annual<br>Program<br>Contract |                  | Combined (Electri<br>(Either as reflecte<br>agreement. Fundir | per Load-<br>d in co-funding agre                     | Share<br>ement, or expecte<br>hin +/-20% of Targe | d in co-funding |      | am Contract | Expenditures | by IOU** | 2020 K | DU Administr | trative Expe |  | 2021 Total Program<br>Contract<br>Expenditures, as<br>Reported by Lead<br>IOU+* (YTD as of July<br>31, 2021) |      |       | e Expenditure<br>, 2021)^ | s (YTD as of | 202  | 2 IOU Adminis | trative Budge | ts <sup>A</sup> | 2023 1 | DU Administ | trative Budge | ts^           |
| Statewide Program*   | Lead IOU | Contract Budget<br>(Total for all IOUs)** |               |              |              |                                | Budget After<br>Launch**      | Percent Electric | PG&E  | SDG&E   | SCE   | scg             | PG&E | SDG&E       | SCE          | SCG      | PG&E   | SDG&E        | SCE          | scg  | 2021 Total Contract<br>Expenditures  | PG&E | SDG&E | SCE                       | SCG          | PG&E | SDG&E         | SCE           | SCG             | PG&E   | SDG&E       | SCE           | SCG           |
| Workforce education, and training: Career<br>and workforce readiness |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
| Res New Construction   |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
| NonRes New Construction  | PG&E     |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
| Codes and Standards Advocacy   |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
| Institutional Partnerships, DGS & Dept of                            |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
| Corrections  |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              | -            |  |  |      |       |                           |              |      |               |               |                 |        |             |               | -             |
| WE&T K-12 Connections  |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        | _           |               | -             |
| Water/wastewater pumping   |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              | _            |  |  |      |       |                           |              |      |               |               |                 |        | _           |               | -             |
| Lighting (Uostream)<br>ETP, electric                                 | SCE      |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              | 1            | 1  |  |      |       |                           |              |      |               |               |                 |        |             |               | -             |
| Institutional Partnerships, UC/CSU/CCC                               |          |   |               |              |              |                                |                               |                  |   |   |   | 1               |      |             |              |          |        | -            | +            | <del>                                     </del> |  |      |       |                           |              |      |               |               |                 | _      |             | -             | $\rightarrow$ |
| ETP. gas   |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              | 1            | 1  |  |      |       |                           |              |      |               |               | _               | _      | _           | _             | -             |
| Food Service POS   | SCG      |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               | -             |
| Midstream Comm Water Heating   |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               | -             |
| Res HVAC QI/QM   |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               | -             |
| Plug Load and Appliance  | SDG&E    |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
| Upstream HVAC (Comm + Res)   |          |   |               |              |              |                                |                               |                  |   |   |   |                 |      |             |              |          |        |              |              |  |  |      |       |                           |              |      |               |               |                 |        |             |               |               |
| Total  |          | \$ -                                      | \$ -          | \$ -         | \$ -         |                                | \$ -                          |                  |   |   |   |                 | \$ - | \$ -        | \$ -         | \$ -     | \$ -   | \$ -         | \$ -         | \$ .   | \$ -   | \$ - | \$ -  | \$ -                      | \$ -         | \$ - | \$ -          | \$ -          | \$ -            | \$ -   |             | \$ - 5        | \$ -          |

8P Decision (D.18-65-O41): OP 23. The 25 percent requirement for statewide funding articulated in D.16-06.019 shall be calculated as a proportion of the utility program administrator's total portfolio budget, including evaluation, measurement, and verification funding, but excluding funding all located to other program administrators for other (non-statewide) programs. The percentage requirement for statewide program funding for the Southern California Gas Company shall be reduced to \$5 percent, but main \$2\$ percent for the other utility program administrators consistent with D.16-06.019.

|       |                         | INPU            | T TABLE: DO NOT | MODIFY |                                   |                              |
|-------|-------------------------|-----------------|-----------------|--------|-----------------------------------|------------------------------|
| IOU   | Percent PPP<br>Electric | Percent PPP Gas |                 |        | Electric<br>Proportional<br>Share | Gas<br>Proportional<br>Share |
| PG&E  | 80%                     | 20%             |                 |        | 44.4%                             | 50.4%                        |
| SDG&E | 90%                     | 10%             |                 |        | 15.5%                             | 7.8%                         |
| SCE   | 100%                    | 0%              |                 |        | 40.1%                             | 0.0%                         |
|       |                         |                 |                 |        |                                   |                              |

Wholly may as needed to reflect consolidation or division of a program category per solicitation approach or contracts. Utilimately there should be one line per executed 3P contract.

"The contract budget or sizeed contract amount for a level was accounts for the anticipated bunded also of the operam. Program contract budget reflect third party implementation contract values and exceedibless.

"Administrative budget for traitwise operams are 100 specific and are filled under separate program IDs. Payindude all non-contract program expenditures which cover coordination, support and management

""Launch date assumes that the signed contracts filed via AL are approved by ED in 50 days, where applicable.

|  | 1   | PA forecast            | PA forecast       | PA forecast                | NGS (Net)<br>PA Forecast Elec | PA Forecast           |                               | PA forecast            |                   | PA forecast therms         |                         | PA Forecas          |
|--|---|------------------------|-------------------|----------------------------|-------------------------------|-----------------------|-------------------------------|------------------------|-------------------|----------------------------|-------------------------|---------------------|
| Sector   | Program Year (PY) 2022 Budget                         | PA forecast<br>kWh     | PA forecast<br>kW | PA forecast<br>therms (MM) | PA Forecast Elec<br>CO2       | PA Forecast<br>GasCO2 | Program Year (PY) 2023 Budget | PA forecast<br>kWh     | PA forecast<br>kW | PA forecast therms<br>(MM) | PA Forecast<br>Elec CO2 | PA Foreca<br>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                   |                     |
| Residential<br>Commercial  | \$2,170,608<br>\$6,719.884                            |                        | 1.222             |                            | 2.299                         | 416                   | \$2,254,547<br>\$6.784.863    | 4,688,144<br>9,256,230 | 1.216             | 0.03                       | 2,409                   |                     |
| Industrial   | \$1,289,458   | 1,552,963              | 18                | 0.18                       | 405                           | 1,070                 | \$1,144,443                   | 1,456,661              | 1,210             | 0.15                       | 395                     |                     |
| Agriculture  | \$804,948   | 976,693                | 75                | 0.03                       | 258                           | 183                   | \$796,274                     | 981,779                | 80                | 0.03                       | 270                     |                     |
| Emerging Tech  | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| Public   | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| WE&T   | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| Finance  | \$0   | -                      |                   | -                          | -                             | -                     | \$0                           | -                      |                   | -                          |                         |                     |
| OBF Loan Pool  | \$0   | -                      |                   |                            | -                             | -                     | \$0                           |                        |                   | -                          |                         |                     |
| Subtotal (does not include ESA budget and savings)   | \$10,984,898  | 14,949,752             | 1,320             | 0.32                       | 3,792                         | 1,942                 | \$10,980,126                  | 16,382,814             | 1,320             | 0.28                       | 4,372                   | 1                   |
| Resource Acquisition Forecasted Total System Benefit (TSB)   |   |                        |                   |                            |                               |                       | \$14,377,414                  |                        |                   |                            |                         |                     |
| Resource Acquisition Forecasted Total Resource Cost (TRC)  | 1.04  |                        |                   |                            |                               |                       | 1.11                          |                        |                   |                            |                         |                     |
| Portfolio Forecasted Portfolio Administrator Cost (PAC)  | 1.24  |                        |                   |                            |                               |                       | 1.31                          |                        |                   |                            |                         |                     |
|  |   |                        |                   |                            |                               |                       |                               |                        |                   |                            |                         |                     |
| Market Support Program Segment Resi dential  | \$0   |                        |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| Commercial   | \$0   |                        |                   |                            | _                             |                       | \$0                           |                        |                   |                            |                         |                     |
| Industrial   | \$0   | -                      | -                 | -                          | -                             | _                     | \$0                           |                        |                   |                            |                         |                     |
| Agriculture  | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| Emerging Tech  | \$0   | -                      |                   | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| Public   | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| WE&T   | \$682,571   | -                      | -                 | -                          | -                             | -                     | \$695,580                     |                        |                   |                            |                         |                     |
| Finance  | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| OBF Loan Pool  | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| Subtotal (does not include ESA budget and savings)   | \$682,571   |                        |                   |                            |                               |                       | \$695,580                     |                        |                   |                            |                         |                     |
| Resource Acquisition Forecasted Total System Benefit (TSB)   | \$0.00  |                        |                   |                            |                               |                       | \$0.00                        |                        |                   |                            |                         |                     |
| Portfolio Forecasted Total Resource Cost (TRC)   | -   |                        |                   |                            |                               |                       |                               |                        |                   |                            |                         |                     |
| Portfolio Forecasted Portfolio Administrator Cost (PAC)  | -   |                        |                   |                            |                               |                       | -                             |                        |                   |                            |                         |                     |
|  |   |                        |                   |                            |                               |                       |                               |                        |                   |                            |                         |                     |
| Equity Program Segment Residential   | \$2,366,392   | 122.00-                | 51                | 0.02                       |                               | 145                   | \$2,384,874                   | 123.605                | 51                | 0.02                       | 4.9                     |                     |
| Residential  | \$2,366,392   | 123,605                | 51                | 0.02                       | 5                             | 145                   | \$2,384,874                   | 123,605                | 51                | 0.02                       | 4.9                     |                     |
| Commercial   | \$82,107  |                        | -                 |                            |                               |                       | \$687,666                     | -                      |                   |                            |                         |                     |
|  | \$0<br>\$0  | -                      |                   | -                          | -                             | -                     | \$0<br>\$0                    | -                      |                   |                            |                         | 1                   |
| Agriculture  | \$0   |                        |                   | -                          |                               |                       | SU SO                         |                        |                   |                            |                         |                     |
| Emerging Tech Public   | \$0   | -                      | -                 |                            |                               |                       | \$0                           |                        |                   |                            | - :                     |                     |
| WE&T   | \$0   |                        |                   |                            | _                             |                       | \$0                           |                        |                   |                            |                         |                     |
| Finance  | \$0   | -                      | -                 | -                          | -                             | _                     | \$0                           |                        |                   |                            |                         |                     |
| OBF Loan Pool  | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| Subtotal (does not include ESA budget and savings)   | \$2,448,499   | 123,605                | 51                | 0.02                       | 5                             | 145                   | \$3,072,540                   | 123,605                | 51                | 0.02                       | 5                       |                     |
| Resource Acquisition Forecasted Total System Benefit (TSB)   |   |                        |                   |                            |                               | 2.0                   | \$394 598                     |                        | -                 |                            | -                       |                     |
| Portfolio 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                |                            | 835                           | 419                   | \$4,639,421                   | 4,811,750              | 59                |                            | 1,304                   |                     |
| Commercial   | \$6,801,991<br>\$1,289,458                            | 9,204,233<br>1,552,963 | 1,222             | 0.07                       | 2,299<br>405                  | 416<br>1.070          | \$7,472,528                   | 9,256,230              | 1,216<br>16       | 0.07                       | 2,409<br>395            |                     |
| Industrial<br>Agriculture  | \$1,289,458<br>\$804.948                              | 976.693                | 18<br>75          | 0.18                       | 405<br>258                    | 1,070                 | \$1,144,443<br>\$796,274      | 1,456,661<br>981.779   | 16                | 0.15                       | 395<br>270              |                     |
| Agriculture Emerging Tech  | \$804,948   | 970,093                | /5                | 0.03                       | 238                           | 183                   | \$796,274                     | 981,779                | 80                | 0.03                       | 2/0                     |                     |
| Public   | \$0   | -                      | -                 |                            |                               |                       | \$0                           | -                      | -                 |                            |                         |                     |
| WE&T   | \$682,571   |                        |                   |                            | _                             |                       | \$695,580                     |                        |                   |                            |                         |                     |
| Finance  | \$0   | -                      | -                 | -                          | -                             | _                     | \$0                           |                        |                   |                            |                         |                     |
| OBF Loan Pool  | \$0   | -                      | -                 | -                          | -                             | -                     | \$0                           |                        |                   |                            |                         |                     |
| Subtotal (does not include ESA budget and savings)   | \$14,115,967  | 15,073,357             | 1,370             | 0.34                       | 3,797                         | 2,087                 | \$14,748,246                  | 16,506,420             | 1,371             | 0.30                       | 4,377                   |                     |
| CPUC Savings Goal ( w/o C&S  | 41,111,111  | 15.073.357             | 1.370             | 0.34                       | 3,797                         | 2.087                 | 42.17.102.10                  | 16.506.420             | 1.371             | 0.30                       | 4,377                   |                     |
| Forecast savings as % of CPUC Savings Goal (w/o C&S)   | #DIV/01   | 100.0%                 | 100.0%            | 100.0%                     | 100.0%                        | 100.0%                | #DIV/0!                       | 100.0%                 | 100.0%            | 100.0%                     | 100.0%                  | 1                   |
| al EM&V 7  | \$588,165   |                        |                   |                            |                               |                       | \$614,510                     |                        |                   |                            |                         |                     |
| PA EM&V  | \$225,039   | 1                      |                   |                            |                               |                       | \$233,653                     | 1                      |                   |                            |                         |                     |
| ED EM&V  | \$363,126   |                        |                   |                            |                               |                       | \$380,857                     |                        |                   |                            |                         |                     |
| Portfolio Forecasted Total System Benefit (TSB)  | \$13,995,061  |                        |                   |                            |                               |                       | \$14,772,012                  |                        |                   |                            |                         |                     |
| Portfolio Forecasted Total Resource Cost -TRC (w/o C&S and w/ EM&V)  | 0.84  |                        |                   |                            |                               |                       | 0.86                          |                        |                   |                            |                         |                     |
| Portfolio Forecasted Portfolio Administrator Cost (PAC)  | 0.96  |                        |                   |                            |                               |                       | 0.97                          |                        |                   |                            |                         |                     |
| Portfolio Forecasted Ratepayer Impact Measure [RIM]  | 0.96  |                        |                   |                            |                               |                       | 0.97                          |                        |                   |                            |                         |                     |
| des and Standards  | \$0   |                        |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| Spending Budget Request <sup>1</sup>   | \$14,704,132  |                        |                   |                            |                               |                       | \$15,362,756                  |                        |                   |                            |                         |                     |
| SS) PA Pre-2020 Uncommitted and Unspent Carryover Balance <sup>2</sup>   | \$315,181   |                        |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| CEC AB 841 Program Funding <sup>2</sup>  |   |                        |                   |                            |                               |                       |                               |                        |                   |                            |                         |                     |
| plicable percentage (70%) of difference between funding limitation and 2020 budget   | \$0   | ı                      |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| 2020 and Beyond Uncommitted and Unspent Carryover Balance  | \$0   |                        |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| AB 841 Total Program Funding   | \$0   |                        |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| Revenue Requirement Request (Cost Recovery) <sup>S</sup>   | \$14,388,951  |                        |                   |                            |                               |                       | \$15,362,756                  |                        |                   |                            |                         |                     |
| nevertue nequirement nequest (cost necorety)   | 514,500,551   |                        |                   |                            |                               |                       | \$13,301,730                  | 1                      |                   |                            |                         |                     |
| f Equity and Market Support Program Budgets to PA Spending Budget Request (not to  | 21%   |                        |                   |                            |                               |                       | 25%                           |                        |                   |                            |                         |                     |
|  | \$10,998,000  | l                      |                   |                            |                               |                       | \$10,998,000                  | l                      |                   |                            |                         |                     |
| Authorized Budget Cap (D.18-05-041)  | \$10,998,000  | 1                      |                   |                            |                               |                       | \$10,998,000                  | 1                      |                   |                            |                         |                     |
|  |   | l                      |                   |                            |                               |                       |                               | ł                      |                   |                            |                         |                     |
|  | 4   | ł                      |                   |                            |                               |                       |                               | {                      |                   |                            |                         |                     |
| For CCA & RENS in IOU Service Territory Only(IOU PA Only to complete)  |   |                        |                   |                            |                               |                       | \$0                           | ł                      |                   |                            |                         |                     |
| N Budget Recovery Request  | \$0   | i                      |                   |                            |                               |                       |                               | ł                      |                   |                            |                         |                     |
| N Budget Recovery Request  BayREN PY Budget Recovery Request (excl. REN Uncommitted/Uns  | \$0   | 1                      |                   |                            |                               |                       |                               |                        |                   |                            |                         |                     |
| N Budget Recovery Request  BayREN PY Budget Recovery Request (excl. REN Uncommitted/Uns SoCal REN PY Budget Recovery Request (excl. REN Uncommitted/U  | 50  |                        |                   |                            |                               |                       |                               | ł                      |                   |                            |                         |                     |
| N Budget Recovery Request  BayREN PY Budget Recovery Request (excl. REN Uncommitted/Uns  SoCal REN PY Budget Recovery Request (excl. REN Uncommitted/U  3CREN PY Budget Recovery Request (excl. REN Uncommitted/Uns  | 50  |                        |                   |                            |                               |                       |                               |                        |                   |                            |                         |                     |
| N Budget Recovery Request BaykEn VP Budget Recovery Request (excl. REN Uncommitted/Uns<br>SoCal REN PY Budget Recovery Request (excl. REN Uncommitted/L<br>3CREN PY Budget Recovery Request (excl. REN Uncommitted/Linsp<br>RCEA PY Budget Recovery Request (excl. REN Uncommitted)  | \$0<br>-<br>-<br>-                                    |                        |                   |                            |                               |                       | -                             |                        |                   |                            |                         |                     |
| 6 Budget Recovery Request BoxREN PY Budget Recovery Request (excl. REN Uncommitted/Unispensive Ren PY Budget Recovery Request (excl. REN Uncommitted/Unispensive Recovery Request)   | \$0<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-      |                        |                   |                            |                               |                       | - \$0                         |                        |                   |                            |                         |                     |
| It begint Recovery Request  BayPREN PY Budget Recovery Request (excl. REN Uncommitted/Unis- Social REN PY Budget Recovery Request (excl. REN Uncommitted/Unis- Social REN PY Budget Recovery Request (excl. REN Uncommitted/Unispect RECA PY Budget Recovery Request (excl. REN Uncommitted/Unispect RECA PY Budget Recovery Request (excl. REN Uncommitted/Unispect MCE PY Budget Recovery Request (excl. REN Uncommitt | \$0<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- |                        |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| I begin Roovery Request BayREN PF Budget Recovery Request (excl. REN Uncommitted/Unit Social REN PF Budget Recovery Request (excl. REN Uncommitted/Unit Social REN PF Budget Recovery Request (excl. REN Uncommitted/Unit SCREN PF Budget Recovery Request (excl. REN Uncommitted/Unit PROPERTY OF Budget Recovery Request (excl. REN Uncommitted/Unit MEE PF Budget Recovery Request (excl. REN Uncommitted/Unit Lancister PF Budget Recovery Request (excl. REN Uncommitted/Unit Ren PF Budget Recover | 50<br>-<br>-<br>-<br>-<br>-<br>50                     |                        |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| I beget Recovery Request BayPREN PY Budget Recovery Request (excl. REN Uncommitted/Unispension Sci. REN Uncommitted/Unispension Sci. REN Uncommitted (excl. REN Uncommitted (Initial Recovery Request). RECEA PY Budget Recovery Request (excl. REN Uncommitted/Unispension RECEA PY Budget Recovery Request (excl. REN Uncommitted/Unispension Recovery Request). RECEA PY Budget Recovery Request (excl. REN Uncommitted/Unispension RECEA PY Budget Recovery Request). Recovery Recovery Request (excl. REN Uncommitted/Unispension Recovery Request).  | 50  |                        |                   |                            |                               |                       | \$0                           |                        |                   |                            |                         |                     |
| It hadget Recovery Request BayREN PF Budget Recovery Request (excl. REN Uncommitted/Unit Social REN NF Budget Recovery Request (excl. REN Uncommitted/Unit Social REN NF Budget Recovery Request (excl. REN Uncommitted/Unit REN PF Budget Recovery Request (excl. REN Uncommitted/Unit REN PF Budget Recovery Request (excl. REN Uncommitted/Unit MEE PF Budget Recovery Request (excl. REN Uncommitted/Unit Lancater PF Budget Recovery Request (excl. REN Uncommitted/Unit Ren PF Budget Recovery Request (exc. REN Uncommitted/Unit Ren   | 50  |                        |                   |                            |                               |                       | 50                            |                        |                   |                            |                         |                     |

This is the MCE's requested EF Portfolio budget.

The balance of unspent uncommitted or effects MCE's unspent uncommitted from Jan 1 2018 through Dec 31 of 2020. CCA/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.

\*\*Sec D21 4.004 Tables 2 (2022) and 10222 Jan 102

|             | 2022 Energy Efficiency Cap And Target Expendi   |   |  |                                  |                     | ections       |       | 2023 Energy Efficiency Cap And Target Expenditure Projections   |  |                                  |                        |                          |          |  |
|-------------|---|---|--|----------------------------------|---------------------|---------------|-------|---|--|----------------------------------|------------------------|--------------------------|----------|--|
|             |   | Expenditures  |  |                                  | Cap & Ta            | rget Performa | ance  | Expenditures  |  |                                  | Cap & Ta               | Cap & Target Performance |          |  |
| Line        | Budget Category   | Non-Third Party<br>Qualifying Costs<br>(including PA costs and old-<br>definition 3P/GP contracts<br>that don't meet the new<br>definition) | Third Party Qualifying Costs <sup>2</sup> (Local SW, CEC & AB 841) | Total Portfolio                  | Percent of Budget 8 | Cap % Tarş    | get % | Non-Third Party<br>Qualifying Costs<br>(including PA costs and old-<br>definition 3P/GP contracts<br>that don't meet the new<br>definition) | Third Party Qualifying<br>Costs <sup>2</sup><br>(including SW) | Total Portfolio                  | Percent of<br>Budget * | Cap %                    | Target % |  |
| 1           | Administrative Costs  |   |  |                                  |                     |               |       |   |  |                                  |                        |                          |          |  |
| 2<br>3<br>4 | PA <sup>1</sup> Non-PA Third Party & Partnership <sup>2</sup> PA & Non-PA Target Exempt Programs <sup>3</sup>                 | \$ 848,645<br>\$ -<br>\$ 141,407  |  | \$ 848,645<br>\$ -<br>\$ 141,407 | 5.8%<br>0.0%        | 10.0%<br>10   | 0.0%  | \$ 879,046<br>\$ -<br>\$ 154,417  |  | \$ 879,046<br>\$ -<br>\$ 154,417 | 6.0%<br>0.0%           | 10.0%                    | 10.0%    |  |
| 5           | Marketing and Outreach Costs <sup>4</sup>   |   |  |                                  |                     |               |       |   |  |                                  |                        |                          |          |  |
| 6           | Marketing & Outreach Statewide Marketing & Outreach 5   | \$ -<br>\$ -  | \$ -   | \$ -<br>\$ -                     | 0.0%                | 6.            | 5.0%  | \$ -<br>\$ -  | \$ -   | \$ -<br>\$ -                     | 0.0%                   |                          | 6.0%     |  |
| 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            | 0.0%  | \$ 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) <sup>6,7</sup>  | \$ 588,165  |  | \$ 588,165                       | 4.0%                | 4.0%          |       | \$ 614,510  |  | \$ 614,510                       | 4.0%                   | 4.0%                     |          |  |
| 128         | EM&V - PA   | \$ 225,039  |  | \$ 225,039                       |                     |               |       | \$ 233,653  |  | \$ 233,653                       |                        |                          |          |  |
| 121         | EM&V - ED  Total Portfolio Budget (includes PA Program and EM&V   | \$ 363,126  |  | \$ 363,126                       |                     |               |       | \$ 380,857  |  | \$ 380,857                       |                        |                          |          |  |
| 13          | Budget + SW ME&O) <sup>8</sup>  | \$ 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)                      |   | \$ -   | \$ -                             |                     |               |       | 1   | \$ -   | \$ -                             |                        |                          |          |  |
| 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) <sup>10, 11</sup> |   | s -  |                                  | 0.0%                | 60            | 0.0%  |   | \$ -   |                                  | 0.0%                   |                          | 60.0%    |  |

- 1. 10% cap requirement based on D. 09-09-047 is set for IOU only.
- 2. New Third party program definition per D.16-08-019, OP 10. For Row 3 of this table, the "Third Party & Partnership" administrative costs under the "Non-Third Party Qualifying Costs" column are costs for programs that met the old Third Party definition prior to the transition to the new third party definition.
- 3. Target Exempt Programs 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).

  4. Statewide Marketing & Outreach (SW ME&O) is excluded from the Marketing and Outreach cost target calculation per D.13-12-038, at p. 82.

  5. 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.
- 6. 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 .
- 7. 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.
- 8. 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.
- 9. IOU PA's 2021 Proposed Budget of \$X excludes SWME&O budget of \$Y and includes CEC AB 841 budgets of \$Z.
- 10. 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.
- 11. 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.

Marin Clean Energy 2022-2023

| Aggregated Category                                   | egated Category Definition Functional Category |                          | Detailed Definition  |  |  |  |
|---|--|--------------------------|--|--|--|--|
| Policy, Strategy, and Regulatory Reporting Compliance |  | Planning &<br>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 |  |  |  |

|  |  | Category                              |   |  |  |  |
|--|--|---------------------------------------|---|--|--|--|
| Policy, Strategy, and Regulatory<br>Reporting Compliance | Includes policy, strategy, compliance, audits and regulatory support   | Planning &<br>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  |  |  |  |
|  | regulatory support   | Company<br>Regulatory Support         | Case management for EE proceedings  |  |  |  |
|  |  | Program<br>Management &<br>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   |  |  |  |
| Program management                                       | Includes labor, contracts, admin costs for program design, program implementation, product and channel management for all sectors  | Product<br>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  |  |  |  |
|  | Includes engineering,<br>project management, and<br>contracts associated with<br>workpaper development<br>and pre/post sales project<br>technical reviews and design<br>assistance | Custom project<br>support             | flanagement of Emerging Products projects; Customized reviews; LCR/RFO support; Ex-ante re  |  |  |  |
| Engineering Services                                     |  | Deemed<br>workpapers<br>Project       | management; Technical policy support; Technical assessments; Workpapers; Tool development; End use subject matter expertise   |  |  |  |
|  |  | management                            |   |  |  |  |
| Customer Application/Rebate and Incentive Processing     | Costs associated with application management and rebate and incentive processing (deemed and custom)   | Rebate &<br>Application<br>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  |  |  |  |
| 514014   | EM&V expenditures  | EM&V Studies                          | Program and product review; manage evaluation studies   |  |  |  |
| EM&V   |  | EM&V Forecasting                      | EE lead for LTPP and IEPR; market potential study; integration w/ procurement planning; CPUC<br>Demand Analysis Working Group   |  |  |  |
| ME&O   | Costs associated with utility<br>EE marketing; no statewide;<br>focus on outsourced portion  | Marketing                             | Customer Programs, Products, and Services Marketing; Digital Product Development; Digital Content & Optimization  Voice of the Customer; Customer satisfaction study measurement and analysis (JD Power, SDS);  |  |  |  |
|  |  | Customer insights                     | Customer testing/research   |  |  |  |
| Account Management / Sales                               | Costs associated with account rep energy efficiency sales functions  | Account<br>Management                 |   |  |  |  |
| ІТ   | 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                           |   |  |  |  |
|  | 1  | I.                                    | I.  |  |  |  |

| ncentives | Incentives |
|-----------|------------|
|-----------|------------|



| Marin Clean Energy |
|--------------------|
| 2022-2023          |

|   | 2020 EE Portfolio Expenditures |                                 |            |              |              |                                 |              |               |              | 2023 EE Po                      | rtfolio Budget |               | 2020 E    | E Portfolio Sa | vings    | 2022 EE Portfo | lio Forecasted | Savings | 2023 EE Portfe | olio Forecaste | d Savings |
|---|--------------------------------|---------------------------------|------------|--------------|--------------|---------------------------------|--------------|---------------|--------------|---------------------------------|----------------|---------------|-----------|----------------|----------|----------------|----------------|---------|----------------|----------------|-----------|
| Sector  | Labor                          | Non-Labor (excl.<br>Incentives) | Incentives | Total        | Labor        | Non-Labor (excl.<br>Incentives) | Incentives   | Total         | Labor        | Non-Labor (excl.<br>Incentives) | Incentives     | Total         | KWH       | ĸw             | MMTHERMS | KWH            | KW             | MTHERMS | 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    | -         |                | -        |                |                |         |                |                |           |
| OBF - Loan Pool**                             | -                              | \$ -                            | \$ -       | \$ -         | \$ -         | \$ -                            | \$ -         | \$ -          | \$ -         | \$ -                            | \$ -           | \$ -          |           |                | -        |                |                |         |                |                |           |
| CEC AB841                                     | -                              | \$ -                            | \$ -       | \$ -         | \$ -         | \$ -                            | \$ -         | \$ -          | \$ -         | \$ -                            | \$ -           | \$ -          |           |                | -        |                |                |         |                |                |           |
| PA Spending Budget Request (PA Program and EM | 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      |

### 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

- 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.

<sup>\*\*</sup> 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.

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

| Functional Group                                      | 2020 EE Portfolio<br>FTE | 2022 EE Portfolio<br>FTE | 2023 EE Portfolio<br>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                      |

В.

 $\P$ 

Notes:

## A. $\rightarrow$ 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¶

- 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.

Marin Clean Energy Pa Name: Budget Year: 2022-2023 RESIDENTIAL BUDGET DETAIL

|                 |                                   |  | T  |                   |                          |       |                    |
|-----------------|-----------------------------------|--|----|-------------------|--------------------------|-------|--------------------|
|                 |                                   |  | 1  | 2020 EE Portfolio |                          |       |                    |
| Sector          | Cost Element                      | Functional Group   |    | Expenditures      | 2022 EE Portfolio Budget | 2023E | E 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   | \$ | -                 | \$ -                     | \$    | -                  |
|                 |                                   | ІТ   | \$ | -                 | \$ -                     | \$    | -                  |
|                 |                                   | 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          |
|                 |                                   | IncentivesThird Party Program (as defined per D.16-08-019, OP 10)              | \$ | -                 | \$ -                     | \$    | -                  |
|                 | Non-Labor Total                   |  | \$ | 874,165           | \$ 4,095,790             | \$    | 4,171,979          |
| Residential Tot | al                                |  | \$ | 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. "of

• → 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.¶

Pa Name: Budget Year: COMMERCIAL BUDGET DETAIL Marin Clean Energy 2022-2023

|                      |                                   | <del>-</del>   |                   |                          |              |
|----------------------|-----------------------------------|--|-------------------|--------------------------|--------------|
|                      |                                   |  |                   |                          |              |
|                      |                                   |  | 2020 EE Portfolio |                          |              |
| Sector               | Cost Element                      | Functional Group   | Expenditures      | 2022 EE Portfolio Budget |              |
| Commercial           | Labor(1)                          | Policy, Strategy, and Regulatory Reporting Compliance                          | \$ 25,622         |                          |              |
|                      |                                   | 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 |
|                      |                                   | IncentivesThird 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." 

[Total 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.

Pa Name: Budget Year: 2022-2023 INDUSTRIAL BUDGET DETAIL

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

• → 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.¶

Pa Name: Marin Clean Energy
Budget Year: 2022-2023
AGRICULTURAL BUDGET DETAIL

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

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

 $\P$ 

- → 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." 

""

1

- → 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.¶

Pa Name: Marin Clean Energy
Budget Year: 2022-2023
PUBLIC SECTOR BUDGET DETAIL

|                  | +                                 |  | 2020 EE Portfolio |                          |                          |
|------------------|-----------------------------------|--|-------------------|--------------------------|--------------------------|
| Sector           | Cost Element                      | Functional Group   | Expenditures      | 2022 EE Portfolio Budget | 2023 EE Portfolio Budget |
| Public Sector    | Labor(1)                          | Policy, Strategy, and Regulatory Reporting Compliance                          | \$ -              | \$ -                     | \$ -                     |
| - abiic Scotoi   | 20001(1)                          | Program Management   | \$ -              | \$ -                     | \$ -                     |
|                  |                                   | Engineering services   | \$ -              | \$ -                     | \$ -                     |
|                  |                                   | Customer Application/Rebate/Incentive Processing                               | \$ -              | \$ -                     | \$ -                     |
| -                | 1                                 | Customer Project Inspections   | Š -               | Ś -                      | \$ -                     |
|                  |                                   | Portfolio Analytics  | \$ -              | \$ -                     | \$ -                     |
|                  |                                   | ME&O (Local)   | \$ -              | \$ -                     | \$ -                     |
|                  | 1                                 | Account Management / Sales   | Š -               | Ś -                      | \$ -                     |
|                  | 1                                 | П  | Š -               | Ś -                      | \$ -                     |
|                  | 1                                 | Call Center  | Š -               | Ś -                      | \$ -                     |
|                  | Labor Total                       |  | Ś -               | \$ -                     | \$ -                     |
|                  | Non-Labor                         | Third-Party Implementer (as defined per D.16-08-019, OP 10)                    | Š -               | \$ -                     | \$ -                     |
|                  |                                   | 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 | \$ -              | \$ -                     | \$ -                     |
|                  |                                   | IncentivesThird Party Program (as defined per D.16-08-019, OP 10)              | \$ -              | \$ -                     | \$ -                     |
|                  | Non-Labor Total                   |  | \$ -              | \$ -                     | \$ -                     |
| Public Sector To | otal (5)                          |  | \$ -              | \$ -                     | \$ -                     |
|                  | 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".

### $C. \rightarrow \underline{Table \cdot showing \cdot costs \cdot by \cdot functional \cdot area \cdot of \cdot management \cdot structure} \P$

• - 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.¶

Pa Name: Budget Year: CROSS -CUTTING BUDGET DETAIL Marin Clean Energy 2022-2023

|                         |                                   | T  | 1                 | 1                        | Г                        |
|-------------------------|-----------------------------------|--|-------------------|--------------------------|--------------------------|
|                         |                                   |  |                   |                          |                          |
|                         |                                   |  | 2020 EE Portfolio | 2022 55 8 16 15 8 1 1    | 2022 55 0 16 15 0 1 1    |
| Sector                  | Cost Element                      | Functional Group   | 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 | \$ -              | \$ -                     | \$ -                     |
|                         |                                   | IncentivesThird Party Program (as defined per D.16-08-019, OP 10)              | \$ -              | \$ -                     | \$ -                     |
|                         | Non-Labor Total                   | 7 .0   | \$ 118,326.040    | \$ 541,163.331           | \$ 541,163.331           |
| Cross-Cutting Total (5) |                                   |  | \$ 118,326.040    | \$ 682,570.601           | \$ 695,580.071           |
| 5 (1)                   | 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

- $\bullet$  Expenses broken out into labor, non-labor O&M (with contract labor identified)  $\P$
- - 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. ¶

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| - 2  | MI   | AGE A  | 91  | Amening Towns  | 65 Easth of Intercentary are habiting to a<br>65 Seath of Intercentary Personal Parks. (inc.)  | where the property of the control of | nu Public Center IP  | Milk Indicator Alla   | -  | nja nja                                  | 4  |   | 46 4   | 4   | 10   10   10   10   10   10   10   10   | Ne protect protections with   |
| 26   | M3   | ASS N  | 91  | ármachil Táth<br>ármachil Thoms  | DC South of Intercentions Personane fact (no.<br>DC South of Intercentions Personane fact (no.   | where the process of the control of  | Public Senter IPS  | N/L Indicator N/L   | - 10                                     | nja nja                                  | 46   | 10 10 10<br>10 10 10  | 40 4   | - 1/4<br>- 1/4  | 100 100<br>100 100  | V/F protect protection and  |
| 200  | M3   | AN F   | W W   | Armachil Tally<br>Armachil Tally   | Natur Ind  | ukar Amperindregiung (an), ambani pa anua Amperindramang pa anua ku tinug<br>ukar Amperindregiung (an), ambani pa anua Amperindramang pa anua ku tinug<br>ukar   | Public Center IPI  | N/A Indicator A/A<br>N/A Indicator A/A  | 6.0                                      | nje nje                                  | All All  | nja nja nja<br>nja nja nja  | 1 1/4 1<br>1/4 1   | 4 1/4<br>4 1/4<br>4 1/4   | 100 100 100 100 100 100 100 100 100 100   | All Anterior desir and formated contents.   |
| 20   | M3   | AGE PE   | Wi N  | Amarikii Theres<br>Amari   | No. Tendesian of energy of Colony programs in  | the form of this war would properly the same of their same particular than the same of the | Public Senter IP<br>Public Senter IP   | NS industry 1/2<br>2010 to  | 100                                      | nja nja                                  | 46   | nia nia nia   |  | i nje   | 10 10<br>10 10  | M/A process arrays is been made according to a become and according to a process of the desires and the the desires a  |
| 20   | M3   | ACI N  | 94<br>94<br>95<br>90<br>10                                  | Person<br>Person   | Fire fractional energy of facinety programs in 196<br>Nature 196   | udar ferunt of annual feographic popul, field of attacks of excellent annual feographic popul popularies<br>udar ferunt of high popularies and feographic popularies and feographic popularies and feographic popularies and fe  | Public Center (P)  | N/A Indicator A/A<br>N/A Indicator A/A  | 6.6                                      | nje nje                                  |  | 10 10 10<br>10 10 10  | 1 1/4 1<br>1/4 1   | 4 1/4   | 10 10<br>10 10  | All Andrew dynamic production of the property of the control of the production of the control of  |
| 20   | M3<br>M3   | 666 H 667 H  | 16  | PACLARATION (LAW)  | Codigo unifracial III  | the second control angulation graves, there are the second control and the second control a | Public Senter (P)  | 201 Ab  |  | nja nja                                  | 46   | n) n/h n/h  | 10   |   | 100   100 | All the companion of particum or present your constraints and desired companies by other process of the companies of the comp  |
| 26   | M2   | ACI P  | 16  | PAC-andresides (Shires)  | Contractional M  | the second according of the formation of the second confidence of the s | Public Senter (P)<br>Solds Senter (R)  | 2014 Alle<br>2015 Alle  |  | nja nja                                  |  | 9 10 10   | 20 2   | 1 1/2   | 49 49   | Ab to compare or perform a performance about the compared of t  |
| 20   | M3   | ACT PO   | id<br>id  | TiConstantine (SAM)  | Cat provinced 9  | the second control and principle and the second and | Public Senter (P)  | 2006 Alle   | - 40                                     | nja nja                                  | 10   | nja nja nja   | n/b n  | e nje   | 10 10   | A compared to the compared to the control of the co  |
| 28   | M3   | AC A   |   | 5  | increase II in   | the design of the control of the con | hale Sense (f)   | N/A indicator (A  | -  | nje nje                                  | 4  |   | 70 7   | 1 1/4   | 10 0  |   |
| 200  | M2   | 20 2   | - 1   | Person<br>Bu   | Energy belonding per public sector halding   | to the second of | nus Public Center (F)<br>p. Public Center (F)  | 200 40  | 100                                      | nja nja                                  | 46   | nia nia nia   | 1/4 1  | 4 1/4<br>4 1/4  | 100   | n/a   |
| 206  | M2   | 22 2   |   | Person<br>NW   | Si formision M   | the transfer of the control of the c | HAR Table Sanson (F)<br>Indianalis   | 200 1   | 100                                      | nja nja                                  | 46   | 10 10 10<br>10 10 10  | 180 U  | 2 80  | 40 40 40 40 40 40 40 40 40 40 40 40 40 4  | nja termenananananan  |
| 206  | MG<br>MG   | 44 -   |   | 100  | Si Enery Series M<br>Si Enery Series M   | to previous estimated to be an established to be a second to be | Industration   | 200 40,60   | 49                                       | nie nie                                  | 10   | 7/k 814,241   | 340 U  | 7 80<br>1 LANASTA<br>1 LANASTA<br>2 140,000   | egen o  | njik termenan moutemager teori  |
| 200  | MG<br>MG   | 44 -   |   | SAA<br>Them  | Si Enery Series M<br>Si Enery Series M   | to premium estima estima estal companion estal | Industration   | 230 64,00   | 49                                       | nja nja                                  | 10   | - 1/4 100,000<br>- 1/4 100,000  | 2410/300 FR0Ys   | 1 140,000<br>LAGGETA  | 68 6<br>600 6   | njik termenan moutemager teori  |
| 200  | MG<br>MG   | 40   |   | Them   | Gi forma Series U  | to premindentary and make the second form  | Industrial Co.   | 220 60  | - 4                                      | nja nja                                  | All                                    | 1/4 74,460<br>m/s   | 204,485 146,60   | 110,000   | 60 sh   | NA WINNERSON CONTRACTOR OF THE STATE OF THE   |
| 200  | M3   | A08 1-   | 6<br>6<br>6<br>6<br>6                                       | 100  | G Inno Loine M   | to be an experienced by the straight and | INDESCRIPTION OF THE PROPERTY  | 200 N   | 0  | nje nje                                  | 10   | n/s   | 10   10   10   10   10   10   10   10  | 4 44  | N 99  | nje semenana neuromajac na na   |
|  | MG   | AN IN  |   | 100  | Gi Enne Seine M  | to be a substituted by the state of the stat | (Mary 10)  | 200 1,40,10   | - 10                                     | 1/4 1/4                                  | 100  | 1/4 1,760,250<br>1/4 2,760,250  | 11,490,635 A   | 4 44  | 2,465,00 sh   | n/a serverane and an accommodular   |
| 24   | MG MG  | AN I   |   | Dan<br>Dan   | s) Energy Serings M  | to be an entire and the second | (Market))  | 200 4,00  | - 0                                      | 1/4 1/4                                  | 10   | n/a (112)14   | 2,112,800 A  | 1/4   | 6,000 m/s   | the second secon  |
| 28   | M3<br>M3   | ADE IN   | E PA  | Alf CODing<br>Parsent  | Ent W  | the second property receives again provided the appropriate and according samp.  The appropriate of property receives again provided to design of property design and appropriate to design of property design again, and the provided to again provid | Interes(i)<br>Interes(i)   | 200 0.20  | 10                                       | nja nja                                  | 10 to 1  | nja sile<br>ma nja d  | 2100 1   | n nje   | 2 100 100 100 100 100 100 100 100 100 10  | The second control of property agreement of the second control of the second property agreement of the second control of the second   |
| 20   | M3<br>M3   |  | 700<br>700  | Person<br>Person   | n: recordand range efficiency programs in N: Productional energy efficiency programs in  | New Section of participation national against provide the Section of participation adjust propriation for the Section of Section | to (milestali))  | 300 0.30<br>200 0.40  | 100                                      | 1/4 1/4<br>1/4 1/4                       |  | 100 A/A G   |  | a sylv  |   |   |
| 200  | M3   | AGE IN   | PS.   | Person<br>Person   | Scaperio poten Ini<br>Scaperio poten   | ukar deset of nomines perspänjoha haanst sonak. deset of depositiones petropänjohnings<br>ukar deset of nomines perspänjoha haanst sonak. deset of naturionismisspäningkrings reports  | * (manufit)  | 200 to  | n nis                                    | nik nik                                  | 10 A   | 10  | 100  | a solu  | 200 200 200 200 200 200 200 200 200 200   | Activative discontinuous despendents property liquides     Activative description despendents property liquides     Activative description descri       |
| 36<br>30   | M3   | AGE IN   | MK K  | Person<br>Filos  | New participation (na<br>Cost are unforced   | data desar of contrary participate hazarat radia. Appear of automotive participate garager openings.   | interes(t)   | 200 40  | 100                                      | nde nde                                  | AN   | 1/4 1/4<br>p/s  | 1/4 A  |   | 10 min  | All sections described of mediated property for the section of the  |
|  | M2   | AN IN  | 16  | Shan<br>Shan   | Cod per unitraced M  | AN ANDERSON (AND AND AND AND AND AND AND AND AND AND   | (minerally)  | 200 0.00  | - 0                                      | nde nde                                  | nja<br>nja   | . n/a 6   | - 3  | nje<br>nje  | \$30 3,40,00  | 1,400 DE CONTROL DE LA CONTROL  |
| 36   | MG<br>MG   | A24  | id<br>id  | S/Marin<br>Shari   | Coal per unitracoal Mi<br>Coal per unitracoal Mi   | to the second county designs that, the most till the second county formers to the second county formers to the second county formers to the second county for the second county of the second county for the second county f | (Marielli)   | 200 12.0m   |  |  | nja<br>nja   | nja d   | - ii 3   | 4 1/4<br>4 1/4  | 2.89 (E,00)<br>12.99 N  | 25 and the contract of the con  |
| 36   | M2   | A1 1   | 12  | Shak<br>Ultum  | Cod per unitraced U  | to and and agains you to be not to a supplied the supplied to  | Interestic   | 200 1.00  | -  | 1/6 1/6<br>1/6                           | All All  | - 1/4 G   |  | 4 1/4<br>4 1/4  | 0.19 2,400,512<br>4.19 (4,00)   | \$,000 to person person person present de considerar antique antique account antique processor pr |
| 38   | MG<br>MG   | A2   | 12<br>12<br>13<br>13<br>14                                  | Amont ferinary amonth Norms<br>Security year constitution  | C) Amost Considerate California  | No. 10 April | Interestin   | 200   | 0 0                                      | 1/4 1/4<br>1/4                           |  | man nje   |  | 4 1/4   | 0.000 m/s   | No.   Metada sangua uparangan laman ungukanan sanarahan at Asada M.   No.   No  |
|  | M3<br>H2   | AGE 16 AG |   | Person forces arrangement  | Co Ament Cornel Serious Control   | The state of the s | Interests  | 200   | -  | 1/4 1/4<br>1/4                           |  | and and   |  | - 2   |   |   |
|  | MG   | AND IN   | 0   | Amont finisher amount this not<br>free entirel over amount from areas  | G Ameri Cored Serioni Serion  G Ameri Cored Serioni Serion   | No.   Martine consumerate formated in the part trade   American and account of the part for any account of the part for accoun | (Mary 10)  | 200 4   | - 0                                      | nja nja                                  |  | and the   |  | 100   | 485 77,588  | T I I I I I I I I I I I I I I I I I I I   |
| 20   | M3<br>M3   | AGE IN   | 0   | Percent Service around Therm set. Percent Service on artic Editoria.   | C) Amort Cored Enterol Enters U  | THE SECOND CONTRACTOR CONTRACTOR STATE STATE STATE CONTRACTOR OF ANY ADMINISTRATION OF THE PROPERTY OF THE PRO | Interests  | 20 0  | -  | 1/4 1/4<br>1/4 1/4                       |  | men nje :   | - 1 3  | 4 44  | 0.60% 77,586<br>0.00% n/s   | the same and the s  |
| 26   | M3<br>M3   | AGE 100 AGE 10 | 0   | Personal Revolutes and a Miller<br>Personal Revolutes and a Walfagers  | C) Amont Cornel Section Centers M. C) Amont Cornel Section Centers Co.   | NA MANAGER GERENANNERS INSTITUTE STATE STATE AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT ASSESSMEN | Interests<br>Interests   | 200 40  | 1 0                                      | 1/4 1/4<br>1/4 1/4                       | * *  | man nja -   |  | 100   | 0.000 m/s   | n/e   Melanina sang autoremograf antora supplement construction during the Melanina supplement the sand the North Control of the Nort    |
| 20   | M3<br>M3   | AGE TO   | 0   | Person Recycle os esta Editioni<br>Person Recycle os esta Chern gran   | C) Amost Cored Serioni Serings M<br>C) Amost Cored Serioni Serings M   | NA MANAGER GERENANTERS (ENGEL EN SAN  | Interviol)<br>Interviol)   | 200 40  | 100                                      | 4/4 4/4<br>4/4 4/4                       |  | man nyk -   |  | 100   | 0.00% n/s<br>0.00% n/s  | n/a Menana sang auparangan anton sanghanan seranahanan na ani m<br>n/a Menana sang auparangan santan sanghanan seranahanan na ani m   |
| 20   | M3   | A08 In<br>A09 A  | \$1<br>\$1<br>\$1<br>\$1<br>\$2<br>\$1                      | Ameniferpiese and Themas<br>VV   | D Amen Considerate Series U  | No. Market managem (repeat by 5 and 1986) - American depter and the sea of the per annihilation and the sea of the per annihilation and the sea of the sea | (minoral))<br>apinahan(A)  | 200 6   | - 40                                     | 1/4 1/4                                  |  | man afe .   | 100  | 1 10  | 0.000 mi  | No. Mindra was proportionally desired and the second secon  |
| 36   | M3   | A09 A  |   | bw .   | Si Energy Sering   | the transfer and product and an artist of the product of the produ | Aprinhes (A)   | 200   | - 6                                      | nja nja                                  | 10   | n/h .   | 204  | 1 24  |   | A) to comment acceptance to the   |
|  | M3   | AD A   | 6   | 140  | El Energy Levings M<br>El Energy Levings M   | The second secon | ágrásakumi (A)<br>ágrásakumi (A)   | 200 20,00   | - 10                                     | nja nja                                  | 48   | n/s 1,000,000   | 1,040,007 604,0<br>1,040,007 604,0   | 18<br>400,000<br>400,000<br>100,000   | 500,000 mjs   | \$\delta  \text{ \tex{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{          |
| 2  | M3   | ADS A  |   | Tuen<br>Tuen   | Ei Energy Levings U  | to be according to a string to the string of | ágrinskumi (d)<br>ágrinskumi (d)   | 300   | -  | nja nja                                  | 46   | n/s 20,000  | 24,802 100,0   | 100,000   |   |   |
|  | M2   | ### ### ### ### ### ### ### ### ### ##   | - 4   | 19   | Gi Energy Lesings U  | to be explored to the section of the | Aprinducijāj<br>Aprinducijāj   | 200   | 9  |  | All All  | 1/4   | 1,266 A  | 4 1/4<br>4 1/4  |   | Ale transporter acceptance and the second acceptance acceptance and the second acceptance and the second acceptance acceptance and the second acceptance and the second acceptance acceptance and the second acceptance and the second acceptance  |
| - 20   | MG<br>MG   | 200 A  |   | 146  | Si Enery Series M<br>Si Enery Series M   | to be employed and transmit special and the second of  | derivahani liki<br>derivahani liki   | 200 1,01,68<br>200 1,01,68  | 0 0                                      | nja nja                                  | 10   | AP 12,150,240   | 1,100 MA A 1,000 MA  | 4 1/4<br>4 1/4  | 1,000,000 sh<br>2,000,000 sh<br>2,000,000 sh  | njik termenan moutemager teori  |
| 20   | MG   | A04 A  |   | Tuen<br>Tuen   | Si Enner Seine M<br>Si Enner Seine M   | the transfer and product of the second secon | šeirobosišši<br>šeirobosišši   | 200   | 5.5                                      | nje nje                                  | All All  | - 1/6 688,550<br>- 1/6 658,550  | 363,360 A<br>208,865 A   | 4 1/4   |   | Alia de comerciano accusivamento.  Alia de comerciano accusivamento.  Alia de comerciano accusivamento.   |
| 25   | M3   | 200 A  | S brigan  | AF CODes   | Cold Mi<br>To Production of empty of Science programs in   | the destruction of the control of the control of the control of the destruction of the destruction of the destruction of the control of the destruction of the control of t | derivativa (A)   | 220 120   | - 4                                      | nje nje                                  | 46   | - 1/4 201<br>100 0/4 0  | 420  | a nje   |   | All review registed a spored symmetric management in programs solution to the section of the section and section to the section and the section of the spore and the section a  |
| 25   | M2   | A01 A  | Ni fariqueta<br>Ni fariqueta                                | Nesses<br>Second   | N. Productional energy of facionsy programs in N. Productional energy of facionsy programs in  | to set of participation naturalising distinguishments of participation shares algority population for the set of participation naturalising distinguishments for the set of participation naturalising distinguishments for  | Antodoxilli  | 200 0.00  | 100                                      | nja nja                                  |  | and the s   |  | e sje   | 2006  |   |
| 28   | M3   | A09 A  | ic ic   | 6 hw   | Cast our architectual M  | the second county are purposed by the second | derirahan) Ali   | 200   |  | nja nja                                  | 46   | n/a   | 265 A  | a sylv  | 933 203,566<br>933 203,566  |   |
| 28   | M3   | A09 A  | 502<br>502<br>503<br>504<br>505<br>505<br>504<br>504<br>504 | Charm  | Cast are arthursed M   | the second control angular report to the second transfer of the second control and the seco | derirahan) Ali   | 300   | - 10                                     | nja nja                                  | 46   | 1/4   | 1 4  | 4 4/4   | 2 0,16 20,164 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |   |
| 36   | M3   | A09 A  | - K   | CRAA   | Cod per unit navel to  | the second county of the format of the second county of the second count | aprinture(A)   | 330 0.9   |  | nje nje                                  | Ali  | 1/4   | 268 n  | n/a   | 0.39 804,904  | 2,0%, CEA TO REPORT OF THE PERSON AND THE PERSON AN  |
| 2  | M3   | A60 0  | i ii  | Sel Gab  | Cal per architectul  Git Energy Sering  U  | to be being un to the same   | Agricultural (A)<br>Codes & Sumdanis (CI)  | ale .   |  | nja nja                                  | 49   | 10 10 10<br>10 10 10  | 100  | , n/s   |   | All Mirans  |
| 20   | M3   | A0 0   | i ii  | Not Million to   | Si Energy Sevings M  |  |  |   |  |  |  |   |  |   |   |   |
|  | M3   | A40 01   |   |  |  | to be supposed to the second s | Codes & Sumberth (CS) Codes & Sumberth (CS)  | nde nde   |  | 1/4 1/4<br>1/4 1/4                       | n/a  | ngia ngia ngia<br>ngia ngia ngia  | 1 1/2 1<br>1/2 1<br>1/2 1  | n 1/4   |   | All Microsis House, and the manufacture of the state of t  |
| 26   | M3<br>M3   |  | ,   | Court  | Skings laving M<br>Akrony Miling M<br>Akrony Miling M  | THE METALLY SHAPE AND  | Code & Suminol (CO)  | 10 10 10 10 10 10 10 10 10 10 10 10 10 1  | 100                                      | nja nja                                  | 46   | nde nde nde   | nde n  | 1 1/2<br>1/2<br>1 1/2<br>1 1/2  |   | Delication   Del    |
| 20   |  | A40 0  | i i i   | Coast Coast Coast Coast  | Si forege facings M<br>Advancey beliefe M<br>Advancey beliefe M<br>Advancey beliefer M<br>Advancey definition M  | De Constitution de la Const      | Centes & Grandensh (CO) Centes & Contest & | 10 10 10 10 10 10 10 10 10 10 10 10 10 1  | 00000                                    | nja nja                                  | Ali<br>Ali<br>Ali<br>Ali   |   | n/s n  | 1 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/  |   | And the control of th  |
|  | M2   | A10 00   |   | Coast Coast Coast Coast Coast Coast  | Gi Denge Leinge Million and Jahren any Bulding Million any Bulding Million any Bulding Million any Bulding Million any Applicance Million any Applicance Million any Applicance Million any Federal Million any Federal Million and Million and Federal Million and Federal Million and Mi | Management Anna Control of the Management Annagement Anna Control of the Management Annagement Anna Control of the Management Anna Control of the Management Anna Control of the Mana      | Cedes & Constants (CC)   | 100 100 100 100 100 100 100 100 100 100   |  | 1/2                                      |  | nde nde nde   | 100 00 00 00 00 00 00 00 00 00 00 00 00  | 6 A/A  A/A  A/A  A/A  A/A  A/A  A/A  A/A  | 10 10 10 10 10 10 10 10 10 10 10 10 10 1  | de des man de composition de composi  |
|  | 80<br>80<br>80   | A20 CI<br>A20 CI<br>A20 CI<br>A20 CI<br>A20 CI   | 3   | Coast  | Gi Energi Sarings Abbrewy Abbling Abbrewy Abbling Abbrewy Abbling Abbrewy Abbling Abbrewy Abbling Abbrewy Abblind Abbrewy Abbl | Selection of Michigan and Michigan     Selection of Michigan     Selection     Selection of Michigan     Selection     Select      | Colon & Scientisch (CC)  | 10   10   10   10   10   10   10   10   | 100                                      | 1/2                                      | 100 100 100 100 100 100 100 100 100 100                                    | nde nde nde   |  |   | 10 10 10 10 10 10 10 10 10 10 10 10 10 1  | De la constantination de la constantina       |
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| * *  | AAG<br>AAG<br>AAG<br>AAG<br>AAG<br>AAG<br>AAG  | All G  |   | Coast  | Oil Emergia Emiliary  Oil Emergia Emiliary  Oil Emergia Emiliary  Oil Emergia Emiliary  Oil Emiliary |  | Genes R. Connelson 2010  | 100   100 | 0 0 0                                    | 10                                       | 20 20 20 20 20 20 20 20 20 20 20 20 20 2                                   | nde nde nde   |  |   | 100   100 | A   |
| 26<br>26<br>26<br>26   | W3   | A11 C1   |   | Coat  Oat  Oat  Oat  Oat  Oat  Oat  Oat  | Garage Control of the |  | Comb Standard 10   |   | 2  | 10   10   10   10   10   10   10   10    | 30 30 30 30 30 30 30 30 30 30 30 30 30 3                                   | 100   100 | 10   10   10   10   10   10   10   10  |   | 100   100 | A   |
| 76<br>78<br>78<br>78<br>78<br>78<br>78<br>78   | W3   | A11 C1   |   | Food Control C | On Employing Annual Control of the C |  | Cont & Nation 2   Cont & Nation 2   Cont & Nation 2   Cont   Co   | 100   100 | 0 0 0                                    | 200 (100 (100 (100 (100 (100 (100 (100 ( | 00<br>00<br>00<br>00<br>00<br>00<br>00<br>00<br>00<br>00<br>00<br>00<br>00 | 100   100 | 10   10   10   10   10   10   10   10  |   | 100   100 | A   |
| 200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200                               | W3   | A11 C1   | 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4                     | Out of Control | 10 Four-fields 10 Fou |  | Cont Number 201  | 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0                                      |   | 10   |   | 100   100 | A   |
| 700<br>700<br>700<br>700<br>700<br>700<br>700<br>700<br>700<br>700                               | W3   | A11 C1   |   |  | the foundation of the control of the |  | John Yangon (19)  John Yango (19)  John  | 0   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( |  |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
| 76.<br>76.<br>76.<br>76.<br>76.<br>76.<br>76.<br>76.   | W3   | A11 C1   |   | 100    | Listen State Control of the Control  |  | Seek Vander SC  And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   And Alberto SC   An | 100   100 | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 20 20 20 20 20 20 20 20 20 20 20 20 20 2                                   |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
| 76<br>76<br>76<br>76<br>76<br>26<br>28<br>28<br>30   | W3   | A11 C1   |   | 100 March 100 Ma | 1  |  | And You and Service Control of the C | 0   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 2   2   2   2   2   2   2   2   2   2                                      |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
| 76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>7                  | W3   | A11 C1   |   | 100 mm m m m m m m m m m m m m m m m m m   | The beautiful control of the control |  | See A Section 2015    | C   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                                      |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
| 76<br>78<br>78<br>78<br>76<br>76<br>76<br>78<br>78<br>78   | 463<br>463<br>463<br>463<br>463<br>463<br>463  | 200 484<br>200 200 200 200 200 200 200 200 200 200   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                       | 100 miles  | 1  |  | Seek Street Stre | C   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                                      |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
| # # # # # # # # # # # # # # # # # # #  | W3   | A11 C1   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                       | 100 mm m  | 1  |  | And American State Control of the Co | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                                      |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
| # # # # # # # # # # # # # # # # # # #  | 463<br>463<br>463<br>463<br>463<br>463<br>463  | 200 484<br>200 200 200 200 200 200 200 200 200 200   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                       | 100 mm m m m m m m m m m m m m m m m m m   | 1  |  | And Annual Control of the Control of | 1   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                                      |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
|  | 463<br>463<br>463<br>463<br>463<br>463<br>463  | 200 484<br>200 200 200 200 200 200 200 200 200 200   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                       | 500 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 1  |  | The Activity of the Control of the C | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 2  |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
|  | 463<br>463<br>463<br>463<br>463<br>463<br>463  | 200 484<br>200 200 200 200 200 200 200 200 200 200   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                       | 500  | 1  |  | The control of the co | 1   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( |  |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
| # # # # # # # # # # # # # # # # # # #  | 463<br>463<br>463<br>463<br>463<br>463<br>463  | 200 484<br>200 200 200 200 200 200 200 200 200 200   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                       | 30   | 1  |  | A STATE OF THE PARTY OF THE PAR | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( |  |   | 10   10   10   10   10   10   10   10  | 100   100 | 100   100 | A   |
| # # # # # # # # # # # # # # # # # # #  | 92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94   | 481 00 00 00 00 00 00 00 00 00 00 00 00 00   |   | 1  | 1  |  |  |   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                                      |   |  | 100   100 | 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | A   |
| 2<br>2<br>2<br>2<br>2<br>2<br>3<br>3<br>4<br>3<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | 92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94   | 481 00 00 00 00 00 00 00 00 00 00 00 00 00   |   | 2  | 1  |  | And Antonio An |   | 2  | 200 (100 (100 (100 (100 (100 (100 (100 ( |  |   |  | 100   100 | 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | A   |
| 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>3<br>3<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | 92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94   | 481 00 00 00 00 00 00 00 00 00 00 00 00 00   |   | Personage<br>Personage<br>Personage<br>Contr   | 1  |  |  |   | 1 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0    | 2   2   2   2   2   2   2   2   2   2                                      |   |  | 1   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | A   |
| # P P P P P P P P P P P P P P P P P P P  | 92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94   | 481 00 00 00 00 00 00 00 00 00 00 00 00 00   |   | 1  | 1  |  | Annie   Anni   |   | 2  | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0    |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 100   100 | 3   | A second column   |
| # P P P P P P P P P P P P P P P P P P P  | 92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94   | 170 Can  |   | Personage<br>Personage<br>Personage<br>Contr   | 1  |  | And Andread An |   | 1 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0    |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | A second column   |
|  | 92<br>92<br>92<br>93<br>93<br>93<br>93<br>93<br>93   | A1   |   | Personage<br>Personage<br>Personage<br>Contr   |  |  |  |   | 1 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0    |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| # 1  | ## 100 mm | An   |   | Processing  Sections  One  Control  Con | The state of the   |  |  |   | 1 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0    |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
|  | 92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>92<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94   | A1   |   | Personage<br>Personage<br>Personage<br>Contr   | The state of the   |  |  |   | 1 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0    |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
|  | # 10   | 64 VI  |   | Novelege Control of the Control of t | The color of the   |  |  |   | 4  | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0    |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| -  | ## 100 mm | An   |   | Processing  Sections  One  Control  Con | The color of the   |  | Manual Content   |   | 1 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0    |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| 16   | ## CONTRACT   CONTRACT | 64 VI  |   | Accessory  Thomas of the control of  | The column   The   |  |  |   | 4  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| 366  |  | ## 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |   | Account of the control of the contro | The content of the    | The second secon | Manual Content   |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| 16   | ## CONTRACT   CONTRACT | 64 VI  |   | Accessory  Thomas of the control of  | The content of the    |  | Management   Man   |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| 366  |  | ## 100 PM |   | Account of the control of the contro | The content of the    | The second secon | Manual Content   |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| 36<br>36<br>50   |  | ## 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |   | Account of the control of the contro | The state of the   |  |  |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| 366  |  | ## 100 PM |   | Towns The second | The state of the   | The second secon |  |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| 36.<br>36.<br>10.  |  | ## 100 mm 1 mm 1 mm 1 mm 1 mm 1 mm 1 mm  |   | Normal   N   | The state of the   |  |  |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A second column   |
| 36<br>36<br>30   |  | ## 100 PM |   | Towns The second | The state of the   |  |  |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A   |
| 545<br>540<br>540<br>540   | # 1  | ## 100 PM |   | Name  Name  Name  Name  Service  Servic | The content of the    |  | A STATE OF THE PARTY OF THE PAR |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A   |
| 36.<br>36.<br>10.  |  | ## 100 mm 1 mm 1 mm 1 mm 1 mm 1 mm 1 mm  |   | Normal   N   | The content of the    |  |  |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A   |
| 545<br>540<br>540<br>540   |  | ## 1   |   | Learning Lea | The state of the   |  | The second secon |   | 0  |  |  |   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1   | 3   | A   |
| 545<br>540<br>540<br>540   |  |  |   | The state of the s | The state of the   |  |  |   |  |  |  |   |  | 1   |   | Description of the control of t       |
| 345<br>346<br>340<br>348   |  |  |   | The state of the s | The state of the   |  | Management   Man   |   | 0  |  |  |   |  | 1   | 3   | Description of the control of t       |
| 345<br>346<br>340<br>348   |  |  |   | Learning Lea | The state of the   |  |  |   |  |  |  |   |  | 1   |   | Description of the control of t       |
| 16 10 10 10 10 10 10 10 10 10 10 10 10 10  |  |  |   | The state of the s | The state of the   |  | Management   Man   |   |  |  |  |   |  | 1   |   | Description of the control of t       |
| 3A. 3A. 3D. 3A.  |  |  |   | The state of the s | The state of the   |  | and book of the control of the contr |   |  |  |  |   |  | 1   |   | Description of the control of t       |

# ATTACHMENT B MCE Supplemental Budget Showing

# Attachment B: Marin Clean Energy Supplemental Budget Showing

# ORGANIZATIONAL STRUCTURE & ASSOCIATED COSTS DESCRIPTION **O**E IN-HOUSE ENERGY EFFICIENCY (EE)

- MCE's EE portfolio Narrative description of in-house departments/organizations supporting
- in-house department based on the functional groups defined in the "Functions Definitions" in Appendix B. MCE provides the following table to summarize the functions conducted by each Functions conducted by each department/organization

Table 1: Functions Conducted by Departments Supporting MCE's EE Portfolio 1

| Incentives | Call Center | IT | Account Management / Sales | ME&O | EM&V | Portfolio Analytics | Inspections | Customer Application/Rebate and Incentive Processing | <b>Engineering Services</b> | Program management | Policy, Strategy, and Regulatory Reporting Compliance | Function   |
|------------|-------------|----|----------------------------|------|------|---------------------|-------------|--|-----------------------------|--------------------|---|--|
|            |             |    |                            | X    | X    | ×                   |             | ×  |                             | X                  | ×   | Customer<br>Programs   |
|            |             |    |                            |      |      |                     |             |  |                             |                    | ×   | Regulatory and Technology Legislative & Analytics Policy & Legal * |
|            |             | ×  |                            |      |      |                     |             |  |                             |                    |   | Technology<br>& Analytics  |
|            |             |    | ×                          | ×    |      |                     |             |  |                             |                    |   | Public<br>Affairs *  |

<sup>\*</sup> These departments do not recover costs from the energy efficiency program budget

2. Management structure and organization chart

efficiency portfolio in Appendix A. These charts include the entire staff within each department even though only a subset of each team provides support to the energy MCE provides organizational charts for each department supporting the energy

<sup>&</sup>lt;sup>1</sup> These departments do not recover costs from the energy efficiency program budget.

efficiency portfolio. The management structure is represented on these organizational charts.

### 3. Staffing needs by department/organization

MCE's organizational charts are provided in Appendix A. MCE created one new Customer Programs Manager position and reassigned one existing Customer Program Manager to energy efficiency in 2021 to support the energy efficiency portfolio. Two Managers of Customer Programs had hours associated with energy efficiency reduced in 2021. MCE does not anticipate hiring additional Customer Programs staff to support energy efficiency programs beyond what is provided in the organization chart. The staffing needs for the Customer Programs department and other departments at MCE may change in the future. Staff changes to other departments are unlikely to be driven by the need to support energy efficiency functions. As a result, MCE doesn't project long-term growth in those departments related to supporting the energy efficiency portfolio.

### 4. Non-program functions currently performed by contractors

MCE currently works with contractors to support program reporting and measurement and verification (M&V).

5. Anticipated drivers of in-house cost changes by department/organization MCE's in-house costs largely consist of staffing costs and since there are no further staffing changes planned for 2022-23, in-house cost should stay relatively steady after accounting for salary increases in each year.

### 6. Explanation of method for forecasting costs

MCE's portfolio budgets and goals were developed through an iterative bottoms-up process that involves coordination between MCE staff, implementers, and technical consultants. MCE considered service area demographic, COVID-19 impacts, and other EE policy objectives.

# B. Table showing MCE's "Full-Time Equivalent" headcount by department/organization

MCE provides this table in Appendix B.

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

MCE provides this table in the: (1) Residential Budget Detail; (2) Commercial Budget Detail; (3) Industrial Budget Detail; (4) Agricultural Budget Detail; (5) and Cross-Cutting Budget Detail in Appendix C.

### D. Table showing cost drivers across the EE organization

MCE's 2022 and 2023 budget requests are 31% and 40% higher than its originally-authorized budgets, respectively. 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.<sup>2</sup> As shown in Table 2, including 2022 and 2023 forecasted portfolio budgets, MCE will have \$15.5M in unrequested funds remaining for the current

.

<sup>&</sup>lt;sup>2</sup> D.18-08-041 at p. 132.

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.

Table 2: MCE Budget and Savings True-Up

|  |    |           |    |            |    | Anı        | nua | l Rolling Po | rtf         | olio Budget | Fo          | recast - True | e-u | р          |     |            |      |          |
|--|----|-----------|----|------------|----|------------|-----|--------------|-------------|-------------|-------------|---------------|-----|------------|-----|------------|------|----------|
| Sector                                   |    | 2018**    |    | 2019       |    | 2020       |     | 2021         |             | 2022        |             | 2023          |     | 2024       | 1   | 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   |
| OBF Loan Pool                            | \$ | -         | \$ | -          | \$ | -          | \$  | -            | \$          | -           | \$          | -             | \$  | -          | \$  | -          | \$   | -        |
| Subtotal                                 | \$ | 1,331,198 | \$ | 2,167,352  | \$ | 3,054,610  | \$  | 11,444,530   | <b>*</b> \$ | 14,115,967  | <b>*</b> \$ | 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 | \$1 | 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 | \$3 | 37,414,747 | \$37 | ,414,747 |
| Total Authorized Portfolio PY Budget Cap | Ś  | 8,532,000 | Ś  | 8,532,000  | Ś  | 12,404,000 | Ś   | 12,404,000   | Ś           | 10,998,000  | Ś           | 10,998,000    | Ś   | 10,998,000 | Ś:  | 10,870,000 | \$85 | ,736,000 |

<sup>\*2018 - 2020</sup> are actual expenditures. 2021 - 2023 are forecasted expenditures.

### E. Allocation of labor and O&M costs

MCE staff complete timesheets on which they designate the number of hours spent on EE activities. For employees who work on both EE and non-EE work, labor costs are billed proportionally based on hours recorded on staff timesheets for each activity.

The costs for the time spent on EE activities are reimbursed from the EE Programs Account. This account draws on the awarded energy efficiency budget. Costs from other departments that support MCE's EE portfolio are not reimbursed from the EE Programs Account. Those departments are fully supported from the General Operating Account (funded by generation service revenues).

Labor costs charged to EE are fully loaded. Benefit-related expenses for MCE employees who bill time to the EE program are paid from the EE Programs Account proportionate to the amount of time they spend on EE Programs. These costs are incorporated into the "fully-burdened" cost MCE charges to the EE reimbursable account as aforementioned.

Non-labor resources that support EE and non-EE activities are paid for entirely using non-EE funds from the General Operating Account (funded by generation services revenues). The only non-labor resources that are paid for with EE funds are those that exclusively support EE.

All O&M costs are paid for with non-EE funds from the General Operating Account (funded by generation service revenues), unless they exclusively support EE, in which case they are paid for using EE funds.

<sup>\*\* &</sup>quot;Reset" 2018 budget at or below 2018 annual budget approved in Business plan Decision. "True-up" years 2019-2025.

# II. BUDGET TABLES INCLUDING INFORMATION IDENTIFIED IN THE SCOPING MEMO

### 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."

MCE has provided the requested information in Appendix D. MCE's forecasted energy savings targets and budgets goals were developed through an iterative bottoms-up process that involves coordination between MCE staff, implementers, and technical consultants. MCE considered service area demographic, COVID-19 impacts, and other EE policy objectives.

### 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."

MCE has provided the requested information in Appendix E. MCE developed a staffing budget based on our projected staffing needs. The distribution of staffing costs across budget categories for 2022-2023 is based on the allocation in 2020 with some adjustments for areas in which we expect staff involvement to change.

### C. Attachment-A, Question C.10

"Present a table akin to PG&E's Figure 1.9 (Portfolio Overview, p 37) or SDG&E's Figure 1.10 (p. 23) that not only shows anticipated solicitation schedule of "statewide programs" by calendar year and quarter, but also expected solicitation schedule of local third-party solicitations, by sector, and program area (latter to extent known, and/or by intervention strategy if that is more applicable). For both tables, and for each program entry on the calendar, give an approximate size of budget likely to be available for each solicitation (can be a range)."

This question is not applicable to MCE.

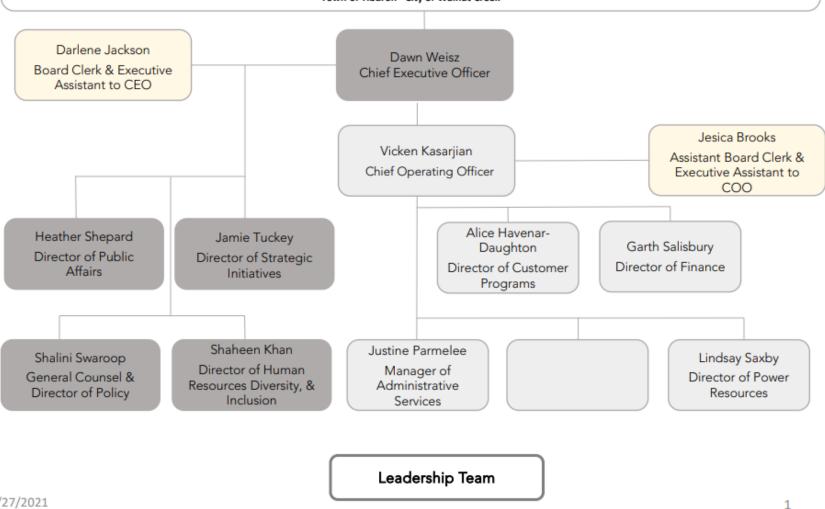
# III. Appendices

### Appendix A: Supporting Information – Request I. A.

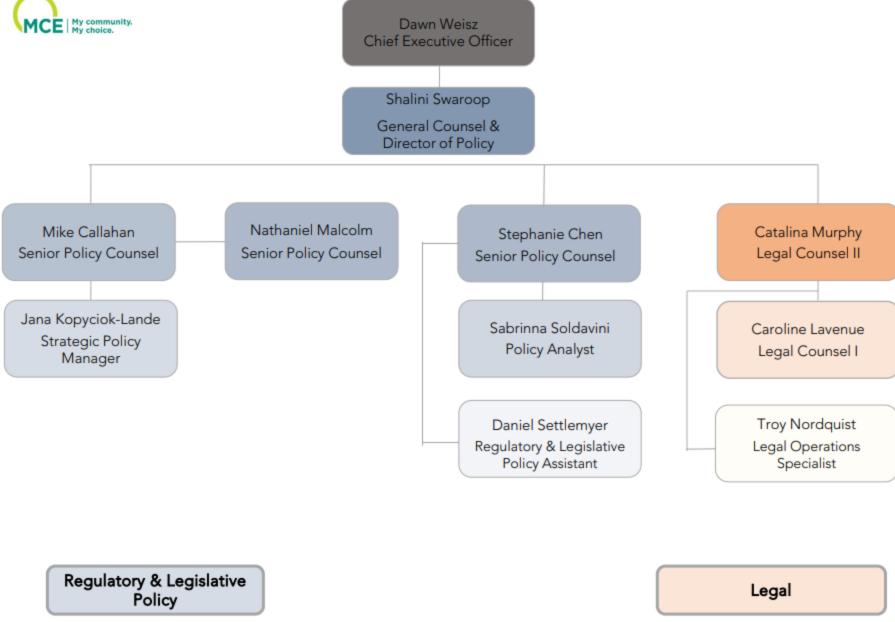


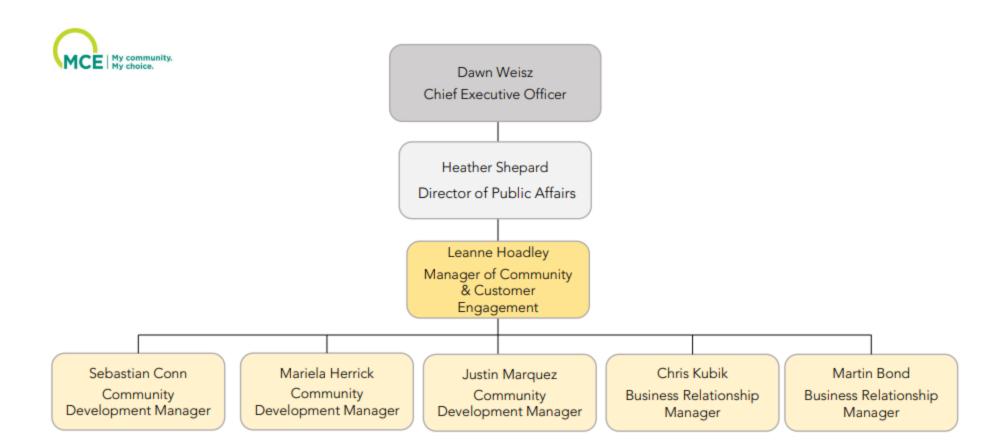
### **Board of Directors**

County of Marin · City of Richmond · City of Belvedere · City of Benicia · City of Concord · County of Contra Costa · Town of Corte Madera · Town of Danville · City of El Cerrito · Town of Fairfax · City of Lafayette · City of Larkspur · City of Martinez · City of Mill Valley · Town of Moraga · County of Novato · City of Oakley · City of Pinole · City of Pittsburg · Town of Ross · Town of San Anselmo · City of San Pablo · City of San Rafael · City of San Ramon · City of Sausalito · County of Solano · Town of Tiburon · City of Walnut Creek





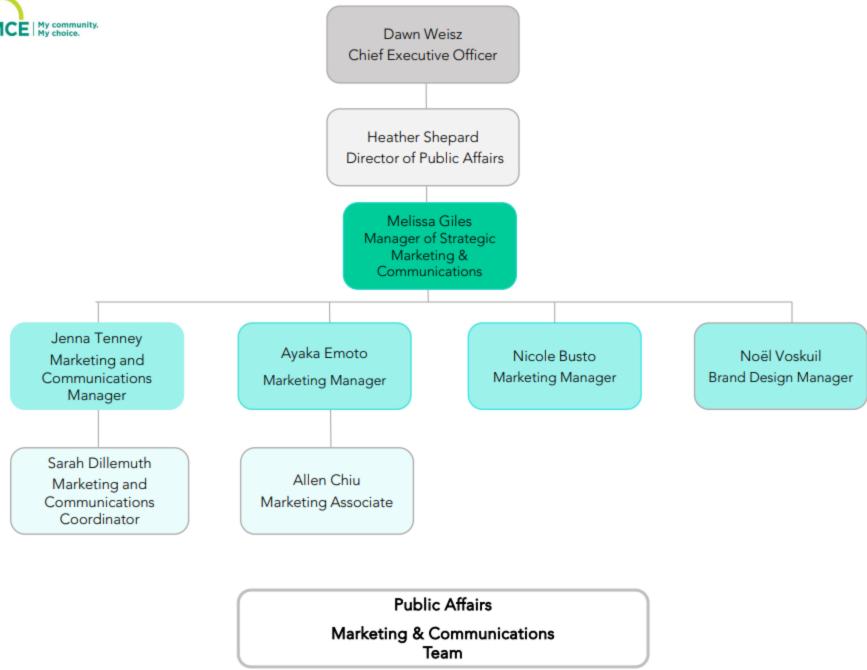




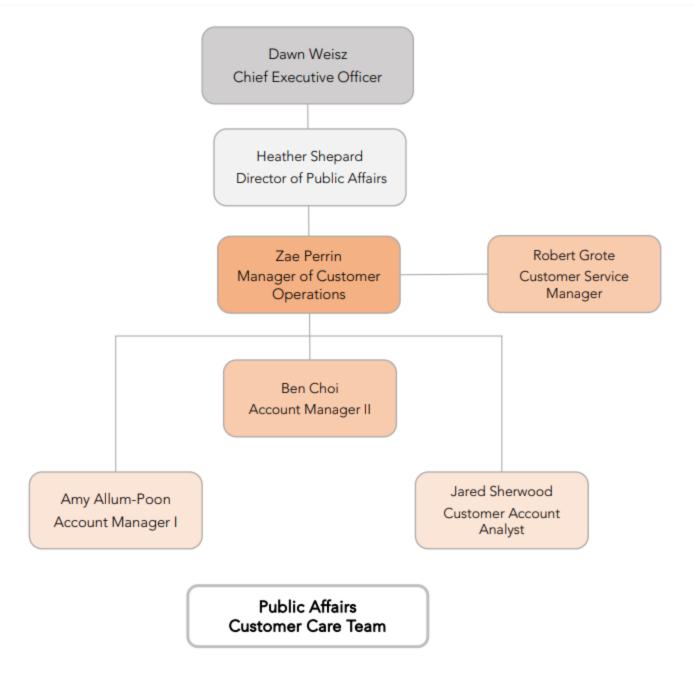
Public Affairs Community Engagement Team

9/27/2021 4







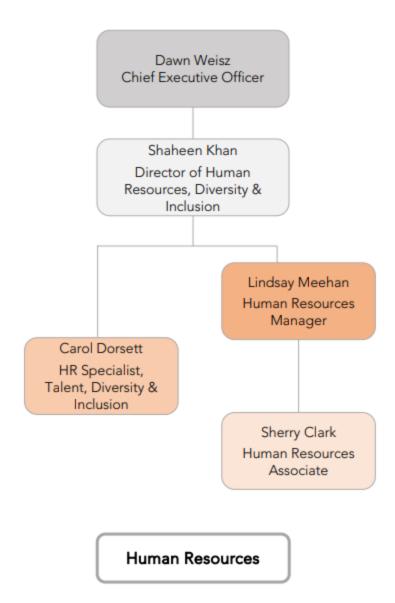




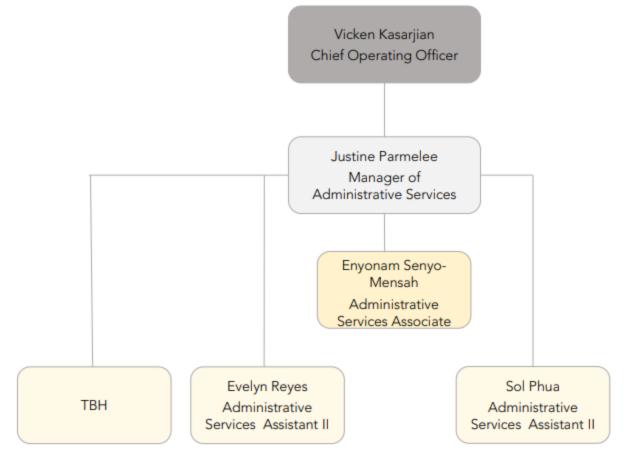


Strategic Initiatives



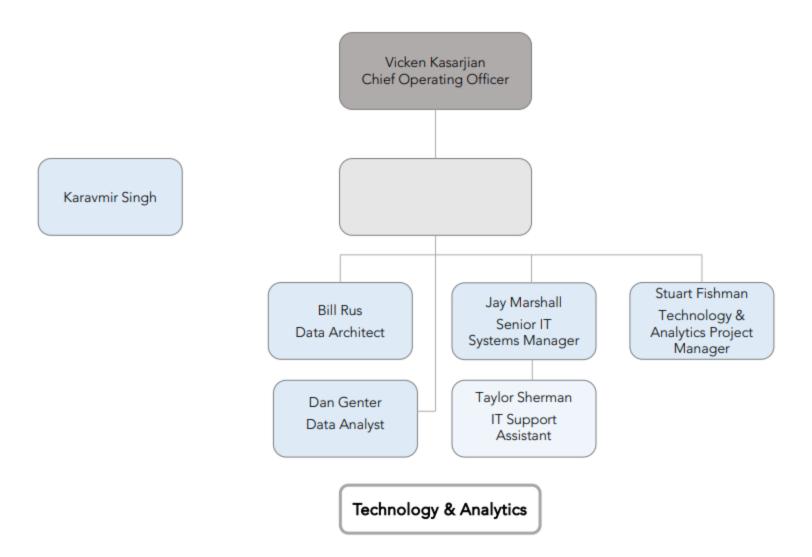




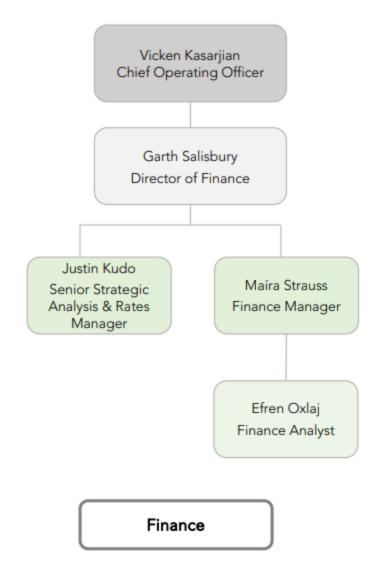


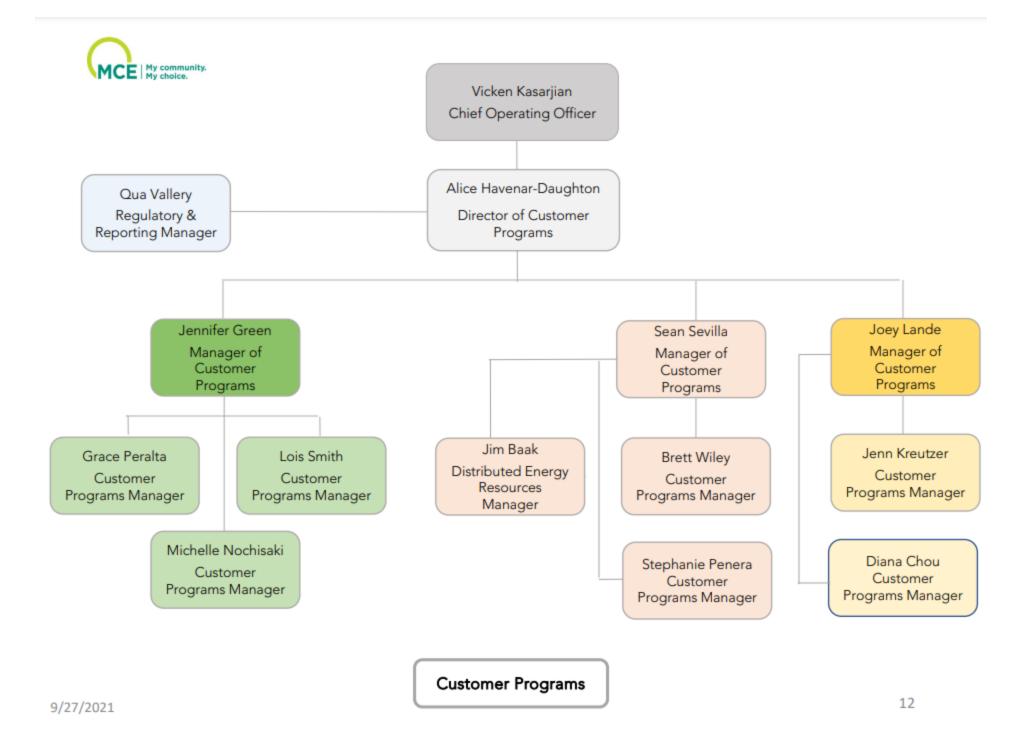
Administrative Services



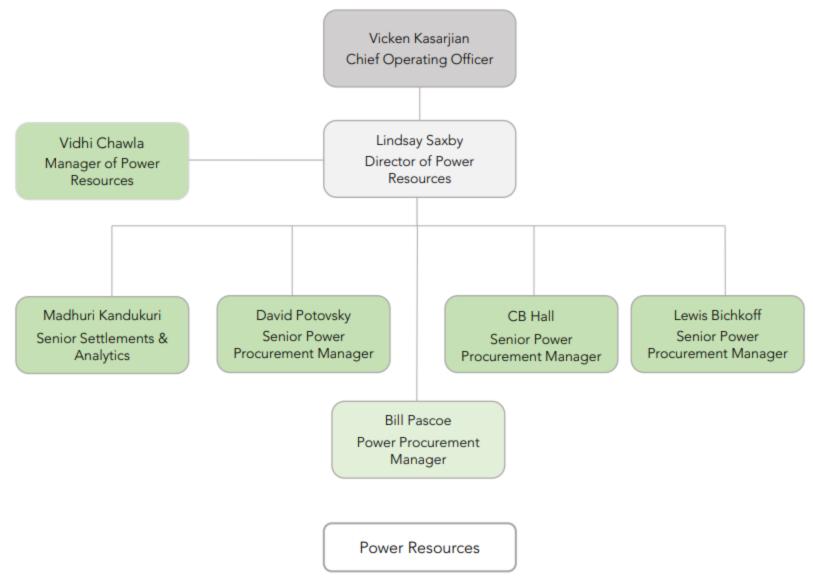












### **Appendix B: Supporting Information – Request I.B.**

| Functional Group                                     | 2020 EE Portfolio FTE | 2022 EE Portfolio FTE | 2023 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   | 0.5                   | 0.8                   | 0.8                |
| Account Management/Sales                             | -                     | -                     | -                  |
| IT   | -                     | -                     | -                  |
| Call Center  | -                     | -                     | -                  |
| Total  | 4.5                   | 6.5                   | 6.5                |

| Aggregated<br>Category   | Definition  | Functional<br>Category           | Detailed Definition   |
|--|---|----------------------------------|---|
| Policy, Strategy,<br>and Regulatory<br>Reporting<br>Compliance | Includes <b>p</b> olicy, strategy, compliance, audits and regulatory support                        | Planning &<br>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<br>Regulatory<br>Support | Case management for EE proceedings  |
| Program<br>management  | Includes labor, contracts,<br>admin costs for program<br>design, program<br>implementation, product | Program Management & Delivery    |   |
|  | and channel management for all sectors  | Product<br>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 MCE 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<br>Management            |   |
|  |   | Contract<br>Management           | Budget forecasting, spend tracking, invoice processing, and contract management with vendors and suppliers; Regulatory support for ME&O activities  |
| Engineering<br>Services  | Includes engineering,<br>project management, and<br>contracts associated with                       | Custom project support           | Management of Emerging Products projects; Customized reviews; LCR/RFO support; Exante review management; Technical policy support; Technical assessments; Workpapers; Tool development; End use subject matter expertise  |
|  | workpaper development<br>and pre/post sales project   | Deemed<br>workpapers             |   |

|  | technical reviews and design assistance  | Project management                    |  |
|--|--|---------------------------------------|--|
| Customer<br>Application/Rebat<br>e and Incentive<br>Processing | Costs associated with<br>application management<br>and rebate and incentive<br>processing (deemed and<br>custom) | Rebate &<br>Application<br>Processing |  |
| Inspections  | Costs associated with project inspections  | Inspections                           |  |
| Portfolio<br>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<br>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   | Marketing                             | Customer Programs, Products, and Services Marketing; Digital Product Development; Digital Content & Optimization   |
|  | statewide; focus on outsourced portion   | 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<br>Management                 |  |
| IT   | IT project specific costs<br>and regular O&M   | IT - project<br>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<br>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  |  |

### **Appendix C: Supporting Information – Request I.C.**

### Residential

| Sector        | Cost Element                          | Functional Group   | T        | 2020 EE Portfolio<br>Expenditures | 202 | 22 EE Portfolio Budget | 20225  | Destalia Budas |
|---------------|---------------------------------------|--|----------|-----------------------------------|-----|------------------------|--|----------------|
| Residential   | Labor(1)                              | Policy, Strategy, and Regulatory Reporting Compliance  | -        | 44,127                            | 5   | 88,242                 |  | 93,488         |
| nesideridai   | Labol(1)                              | Program Management   | 5        |                                   | S   | 264,726                | \$   | 280,465        |
|               |                                       | Engineering services   | S        |                                   | 4   | 204,720                | 4  | 200,403        |
|               |                                       | Customer Application/Rebate/Incentive Processing   | S        |                                   | -   | 44.121                 | ė  | 46,744         |
|               |                                       | Customer Application in education certified Processing  Customer Project Inspections   | 5        |                                   | 3   | 44,121                 | 4  | 40,744         |
|               |                                       | Portfolio Analytics  | S        |                                   | ė   | 44,121                 | ė.   | 46,744         |
|               |                                       | ME&O (Local)   | 5        |                                   | 2   | 44,121                 | 2  | 40,744         |
|               | +                                     | Account Management / Sales   | 5        |                                   | 3   | -                      | 5  |                |
|               |                                       | IT Account Management Coales   | 5        |                                   | 3   | -                      | 5  | -              |
|               |                                       | Call Center  | S        |                                   | \$  | -                      | *  | -              |
|               | 1.1.7.1                               | Lall Lenter  | +        |                                   | 5   | -                      | ~  |                |
|               | Labor Total                           | This I Down I was a control of the c | \$       |                                   | \$  | 441,210                | *  | 467,441        |
|               | Non-Labor                             | Third-Party Implementer (as defined per D.16-08-019, OP 10)  | \$       |                                   | 5   | -                      | \$   | -              |
|               |                                       | Local/Government Partnerships Contracts (3)  | \$       |                                   | 5   | -                      | \$   | -              |
|               |                                       | Other Contracts  | \$       |                                   | \$  | -                      | \$   | <u> </u>       |
|               |                                       | Program Implementation   | \$       | ,                                 | \$  | 1,326,177              | -  | 1,405,023      |
|               |                                       | Policy, Strategy, and Regulatory Reporting Compliance  | \$       |                                   | \$  | 45,177                 | -  | 47,863         |
|               |                                       | Program Management   | \$       |                                   | \$  | 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) Program  | 5        | 241,065                           | \$  | 2,347,715              | \$   | 2,319,975      |
|               |                                       | IncentivesThird Party Program (as defined per D. 16-08-019, OP 10)   | \$       | -                                 | \$  | -                      | \$   | -              |
|               | Non-Labor Total                       |  | \$       | 874,165                           | \$  | 4,095,790              | \$   | 4,171,979      |
| Residential T | otal                                  |  | \$       | 1,094,803                         | \$  | 4,537,000              | \$   | 4,639,421      |
|               | Other (collected through GRC) (2)     | Labor Overheads  | s        | -                                 | s   | -                      | S  | -              |
|               |                                       |  | \$       | -                                 | \$  | -                      | \$   | -              |
| Notes:        | (1) Labor costs are already loaded w  | ith (state loaders covered by EE)  | $\vdash$ |                                   |     |                        |  |                |
|               | (2) These costs are collected through | ph GRC D.16-06-054   |          |                                   |     |                        |  |                |
|               |                                       | ort the sector is included/not included in this item   |          |                                   |     |                        |  |                |
|               | (4) IT Costs are included in "Policy  | Strategy, and Regulatory Reporting Compliance".  |          |                                   |     |                        | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ |                |

### Commercial

|                      |                                      |   | 2020 EE Portfo      |            |                           |                              |
|----------------------|--------------------------------------|---|---------------------|------------|---------------------------|------------------------------|
| Sector               | Cost Element                         | Functional Group  | Expenditure         |            | 2022 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  | Ś                   | -          | \$ -                      | \$ -                         |
|                      |                                      | Call Center   | Ś                   | -          | \$ -                      | \$ -                         |
|                      | Labor Total                          |   | \$ 1                | 128.112    | \$ 343,614                | \$ 427,097                   |
|                      | Non-Labor                            | Third-Party Implementer (as defined per D.16-08-019, OP 10)                                 | \$                  | -          | \$ -                      | \$ -                         |
|                      | Non-Easter                           | Local/Government Partnerships Contracts (3)   | ć                   | -          | <u> </u>                  | 5 -                          |
|                      |                                      | Other Contracts   | \$                  | -          | \$ -                      | \$ -                         |
|                      |                                      |   | ~                   | 432,102    | \$ 1,833,291              | \$ 2,278,701                 |
|                      |                                      | Program Implementation  |                     | _          | · , ,                     |                              |
|                      |                                      | Policy, Strategy, and Regulatory Reporting Compliance                                       | -                   | 10,429     | 1,1212                    | \$ 55,000                    |
|                      |                                      | Program Management  | \$ 1                | 108,026    | \$ 458,323                | \$ 569,675                   |
|                      |                                      | Engineering services  | \$                  | -          | 5 -                       | 5 -                          |
|                      |                                      | 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              | \$ 8                | 326,407    | \$ 4,078,265              | \$ 4,087,055                 |
|                      |                                      | IncentivesThird Party Program (as defined per D.16-08-019, OP 10)                           | S                   | -          | \$ -                      | \$ -                         |
|                      | Non-Labor Total                      |   | \$ 8                | 887,394    | \$ 6,458,377              | \$ 7,045,431                 |
| Commercial Total (5) | Non-East-Total                       |   |                     | 015,506    | \$ 6,801,991              |                              |
| Commercial fotal (5) | Other (collected through GRC) (2)    | Labor Overheads   | \$                  | -          | \$ -                      | \$ 7,472,320                 |
|                      | Other (collected through anc)(2)     | Labor Overneads   | S                   | -          | \$ -                      | \$ -                         |
| Notes:               | (1) Labor costs are already loaded v | vith (state loaders covered by EE)  | ,                   |            | -                         | -                            |
|                      | (2) These costs are collected throug |   |                     |            |                           |                              |
|                      |                                      | ort the sector is included/not included in this item  |                     |            |                           |                              |
|                      |                                      | olicy, Strategy, and Regulatory Reporting Compliance".                                      |                     |            |                           |                              |
|                      |                                      | egories the following programs were classified as Cross Cutting: 3P-IDEEA, Local-IDSM-ME&O- | Local Marketing (EE | ), SW-IDSI | M-IDSM. These are include | d in Table 16 Cross Cutting. |
|                      |                                      | sified as Commercial with the elimination of Cross Cutting programs.                        |                     |            |                           |                              |

### Industrial

|               |                                      |  |                                   | <del> </del>             | <del> </del>            |
|---------------|--------------------------------------|--|-----------------------------------|--------------------------|-------------------------|
| Sector        | Cost Element                         | Functional Group   | 2020 EE Portfolio<br>Expenditures | 2022 EE Portfolio Budget | 2023 EE Portfolio Budge |
| Industrial    | Labor(1)                             | Policy, Strategy, and Regulatory Reporting Compliance                          | \$ 55.515                         | \$ 102.857               | \$ 95,93                |
| muustriai     | Labor(1)                             | Program Management   | \$ 166,545                        | \$ 308,570               | \$ 287,79               |
|               |                                      | Engineering services   | \$ -                              | \$ 300,370               | c 201,15                |
|               |                                      | Customer Application/Rebate/Incentive Processing                               | \$ 27,758                         | \$ 51,428                | \$ 47,96                |
|               |                                      | Customer Project Inspections   | \$ -                              | ¢ 31,420                 | ¢ 47,50.                |
|               |                                      | Portfolio Analytics  | \$ 27,758                         | \$ 51,428                | \$ 47,96                |
|               |                                      | ME&O (Local)   | \$ -                              | ¢ 51,420                 | \$ 47,50.               |
|               |                                      | Account Management / Sales   | \$ -                              | ė -                      | ė -                     |
|               |                                      | IT   | \$ -                              | \$ -                     | c -                     |
|               |                                      | Call Center  | \$ -                              | c -                      | \$ -                    |
|               | Labor Total                          | Call Center  | \$ 277,576                        | \$ 514,283               | \$ 479,650              |
|               |                                      | Third Books (and a defined on B 45 00 040 0B 40)                               | \$ 211,516                        | \$ 314,283               | \$ 479,030              |
|               | Non-Labor                            | Third-Party Implementer (as defined per D.16-08-019, OP 10)                    | \$ -                              | \$ -                     | \$ -                    |
|               | +                                    | Local/Government Partnerships Contracts (3)                                    | \$ -                              | 6                        | 6                       |
|               |                                      | Other Contracts  | Ŧ                                 | \$ -                     | ÷ 202.40                |
|               |                                      | Program Implementation   | \$ 202,785<br>\$ 13,974           | \$ 420,738<br>\$ 28,994  | \$ 392,40               |
|               |                                      | Policy, Strategy, and Regulatory Reporting Compliance                          |                                   | \$ 28,994                | \$ 27,04                |
|               |                                      | Program Management   | \$ 50,696<br>\$ -                 | \$ 105,165               | \$ 98,10                |
|               |                                      | Engineering services   | -                                 | 5 -                      | \$ 27.04                |
|               |                                      | Customer Application/Rebate/Incentive Processing                               | +,                                | \$ 28,994                | \$ 27,04                |
|               |                                      | Customer Project Inspections   | \$ -                              | 5 -                      | 5 -                     |
|               |                                      | Portfolio Analytics  | \$ -                              | \$ -                     | 5 -                     |
|               |                                      | ME&O (Local)   | \$ -                              | \$ -                     | \$ -                    |
|               |                                      | Account Management / Sales   | \$ -                              | \$ -                     | \$ -                    |
|               |                                      | IT (4)   | \$ -                              | \$ -                     | \$ -                    |
|               |                                      | Call Center  | \$ -                              | \$ -                     | 5 -                     |
|               |                                      | Facilities   | \$ -                              | \$ -                     | \$ -                    |
|               |                                      | Incentives(PA-implemented and Other Contracts Program Implementation) Programs | \$ 33,727                         | \$ 191,263               | \$ 120,20               |
|               |                                      | IncentivesThird Party Program (as defined per D.16-08-019, OP 10)              | \$ -                              | 5 -                      | 5 -                     |
|               | Non-Labor Total                      |  | \$ 315,156                        | \$ 775,174               | \$ 664,79               |
| Industrial To | - 1                                  |  | \$ 592,732                        | \$ 1,289,458             | \$ 1,144,44             |
|               | Other (collected through GRC) (2)    | Labor Overheads  | \$ -                              |                          |                         |
| Motor:        | (1) Labor costs are already loaded v | vith (state leaders covered by EE)   | S -                               | S -                      | S -                     |
| Notes:        | (2) These costs are collected throug |  |                                   |                          |                         |
|               |                                      | ort the sector is included/not included in this item                           |                                   |                          |                         |

# Agricultural

|                 | 1                                     |   |                   |        |                          |     |                       |
|-----------------|---------------------------------------|---|-------------------|--------|--------------------------|-----|-----------------------|
|                 |                                       |   | 2020 EE Portfolio | $\neg$ |                          |     |                       |
| Sector          | Cost Element                          | Functional Group  | Expenditures      |        | 2022 EE Portfolio Budget | 202 | 3 EE Portfolio Budget |
| Agricultural    | Labor(1)                              | Policy, Strategy, and Regulatory Reporting Compliance                           | \$ 17,08          | 1.6    | \$ 85,993.7              | \$  | 87,931.9              |
|                 |                                       | Program Management  | \$ 51,24          | 4.7    | \$ 257,981.0             | \$  | 263,795.8             |
|                 |                                       | Engineering services  | \$                | -      | \$ -                     | \$  |                       |
|                 |                                       | Customer Application/Rebate/Incentive Processing                                | \$ 8,54           | 0.8    | \$ 42,996.8              | \$  | 43,966.0              |
|                 |                                       | Customer Project Inspections  | \$                | -      | \$ -                     | \$  | -                     |
|                 |                                       | Portfolio Analytics   | \$ 8,54           | 0.8    | \$ 42,996.8              | \$  | 43,966.0              |
|                 |                                       | ME&O (Local)  | \$                | -      | \$ -                     | \$  | -                     |
|                 |                                       | Account Management / Sales  | \$                | -      | \$ -                     | \$  | -                     |
|                 |                                       | IT  | \$                | -      | \$ -                     | \$  | -                     |
|                 |                                       | Call Center   | \$                | -      | \$ -                     | \$  | -                     |
|                 | Labor Total                           |   | \$ 85,40          | 7.9    | \$ 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  | \$ 95,82          | 7.1    | \$ 168,632.6             | \$  | 172,433.5             |
|                 |                                       | Policy, Strategy, and Regulatory Reporting Compliance                           | \$ 5,15           | 5.9    | \$ 9,073.2               | \$  | 9,277.7               |
|                 |                                       | Program Management  | \$ 23,95          | 6.8    | \$ 42,158.1              | \$  | 43,108.4              |
|                 |                                       | Engineering services  | \$                | -      | \$ -                     | \$  | -                     |
|                 |                                       | Customer Application/Rebate/Incentive Processing                                | \$ 5,15           | 5.9    | \$ 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 | \$ 17,73          | 9.8    | \$ 146,043.0             | \$  | 122,516.8             |
|                 |                                       | Incentives—Third Party Program (as defined per D.16-08-019, OP 10)              | \$                | -      | \$ -                     | \$  | -                     |
|                 | Non-Labor Total                       |   | \$ 147,83         | 5.5    | \$ 374,980.1             | \$  | 356,614.0             |
| Agricultural To | tal (5)                               |   | \$ 233,24         | 3.4    | \$ 804,948.4             | \$  | 796,273.6             |
|                 | Other (collected through GRC) (2)     | Labor Overheads   | \$                | -      | \$ -                     | \$  | -                     |
|                 |                                       |   | \$                | -      | \$ -                     | \$  | -                     |
| Notes:          | (1) Labor costs are already loaded wi |   |                   |        |                          |     |                       |
|                 | (2) These costs are collected through |   |                   |        |                          |     |                       |
|                 |                                       | t the sector is included/not included in this item                              |                   |        |                          |     |                       |
|                 | (4) IT Costs are included in " Pol    | icy, Strategy, and Regulatory Reporting Compliance".                            |                   |        |                          |     |                       |

# **Public Sector**

|                  |                                       |  | 2020 EE Portfolio |                          |                          |
|------------------|---------------------------------------|--|-------------------|--------------------------|--------------------------|
| Sector           | Cost Element                          | Functional Group   | 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 To | otal (5)                              |  | \$ -              | \$ -                     | \$ -                     |
|                  | Other (collected through GRC) (2)     | Labor Overheads  | \$ -              | \$ -                     | \$ -                     |
|                  |                                       |  | \$ -              | \$ -                     | 5 -                      |
| Notes:           | (1) Labor costs are already loaded wi |  |                   |                          |                          |
|                  | (2) These costs are collected through |  |                   |                          |                          |
|                  |                                       | t the sector is included/not included in this item                             |                   |                          |                          |
|                  | (4) IT Costs are included in " Pol    | icy, Strategy, and Regulatory Reporting Compliance".                           |                   |                          |                          |

# **Cross Cutting**

|                        |                                       |   | 2          | 020 EE Portfolio     |             |                |                              |          |
|------------------------|---------------------------------------|---|------------|----------------------|-------------|----------------|------------------------------|----------|
| ector                  | Cost Element                          | Functional Group  |            | Expenditures         | 2022 EE Por | rtfolio Budget | 2023 EE Portfolio Budget     |          |
| oss-Cutting            | Labor(1)                              | Policy, Strategy, and Regulatory Reporting Compliance   | \$         | -                    | \$          | -              | \$ -                         |          |
|                        |                                       | Program Management  | \$         | -                    | \$ 1        | 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   | \$         | -                    | s           | -              | \$ -                         |          |
|                        | Labor Total                           |   | \$         | -                    | \$ 1        | 141,407.270    | \$ 154,416.740               |          |
|                        | Non-Labor                             | Third-Party Implementer (as defined per D. 16-08-019, OP 10)  | S          |                      | S           | -              | S -                          |          |
|                        |                                       | Local/Government Partnerships Contracts (3)   | S          |                      | S           | -              | \$ -                         |          |
|                        |                                       | Other Contracts   | S          | -                    | Ś           | -              | \$ -                         |          |
|                        |                                       | Program Implementation  | S          | 94,660.832           | 5 4         | 132,930.665    | \$ 432,930.665               |          |
|                        |                                       | Policy, Strategy, and Regulatory Reporting Compliance   | S          |                      | S           | -              | \$ -                         |          |
|                        |                                       | Program Management  | 5          | 23,665.208           | 5 1         | 108,232.666    | \$ 108,232.666               |          |
|                        |                                       | Engineering services  | 5          | -                    | S           | -              | \$ -                         |          |
|                        |                                       | Customer Application/Rebate/Incentive Processing  | 5          |                      | s           | _              | \$ .                         |          |
|                        |                                       | Customer Project Inspections  | Š          |                      | Š           | _              | · .                          |          |
|                        |                                       | Portfolio Analytics   | Š          | -                    | Š           |                | · .                          |          |
|                        |                                       | ME&O (Local)  | -          |                      | 6           | -              | \$ .                         |          |
|                        |                                       | Account Management / Sales  | -          | -                    | 6           |                | \$ .                         |          |
|                        |                                       | IT (4)  | 3          |                      | 2           |                |                              |          |
|                        |                                       | Call Center   | S          |                      | 2           | -              | s -                          |          |
|                        |                                       | Facilities  |            |                      | e           | -              | •                            |          |
|                        |                                       | Incentives(PA-implemented and Other Contracts Program Implementation) F   | 2          |                      | 2           | -              |                              |          |
|                        |                                       | Incentives(PA-implemented and Other Contracts Program implementation) P<br>IncentivesThird Party Program (as defined per D. 16-08-019, OP 10) | rogral 5   | -                    | 5           | -              | \$ .                         | -        |
|                        | Non-Labor Total                       | Incentives Inita Party Program (as defined per D. 10-00-013, OP 10)   | 5          | 118,326.040          | \$ 5        | 41,163,331     | \$ 541,163,331               |          |
| S C T . L(E)           | INON-Labor Lotal                      |   | 5          |                      | -           | -              |                              | $\vdash$ |
| ross-Cutting Total (5) | 0.1 ( # . 1.1   000.00                |   | 5          | 118,326.040          | \$ E        | 82,570.601     | \$ 695,580.071               |          |
|                        | Other (collected through GRC) (2)     | Labor Overheads   | Φ.         |                      | \$          | -              | \$ -                         |          |
| otes:                  | (1) Labor costs are already loaded wi | th (state loaders covered by EE)  | \$         |                      | Ψ           | -              | -                            | -        |
| 0.00                   | (2) These costs are collected through |   |            |                      |             |                |                              | _        |
|                        |                                       | ort the sector is included/not included in this item  |            |                      |             |                |                              |          |
|                        |                                       | Strategy, and Regulatory Reporting Compliance".   |            |                      |             |                |                              |          |
|                        |                                       | gories the following programs were classified as Cross Cutting: 3P-IDEEA, Local-  | -IDSM-ME&( | D-Local Marketing (f | E), SW-IDSM | 1-IDSM. Thes   | e are included in Table 16 ( | Cross    |
|                        |                                       | ified as Commercial with the elimination of Cross Cutting programs.   |            |                      |             |                |                              |          |

# Appendix D: Supporting Information – Response to Scoping Memo, Attachment A, Question C.8.

# **Energy Savings Targets and Expenditures by Sector**

|  |              |            | 2020 EE Portfo                | io Expend   | itures    |                    |                  | 2022 EE Poi                     | rtfolio Budget |               |              | 2023 EE Po                      | rtfolio Budget |               | 2020 EE   | Portfolio S | avings   | 2022 EE Portfolio | o Forecaste | d Savings | 2023 EE Portfo | io Forecaste | ed Savings |
|--|--------------|------------|-------------------------------|-------------|-----------|--------------------|------------------|---------------------------------|----------------|---------------|--------------|---------------------------------|----------------|---------------|-----------|-------------|----------|-------------------|-------------|-----------|----------------|--------------|------------|
| Sector   | Lab          | oor        | Non-Labor (exc<br>Incentives) | l.<br>Incen | tives     | Total              | Labor            | Non-Labor (excl.<br>Incentives) | Incentives     | Total         | Labor        | Non-Labor (excl.<br>Incentives) | Incentives     | Total         | KWH       | KW          | MMTHERMS | KWH               | KW          | MTHERMS   | KWH            | KW           | MMTHERMS   |
| Residential  | S 2          | 20,637     | \$ 633,100                    | \$ 24       | 1,065     | \$ 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         | 4,811,750      | 59           | 0.05       |
| Commercial   | \$ 1         | 128,112    | \$ 560,987                    | \$ 32       | 6,407     | \$ 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         | 9,256,230      | 1,216        | 0.07       |
| Industrial   | \$ 2         | 77,576     | \$ 281,430                    | \$ 3        | 3,727     | \$ 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         | 1,456,661      | 16           | 0.15       |
| Agriculture  | \$           | 85,408     | \$ 130,096                    | \$ 1        | 7,740     | \$ 233,243         | \$ 429,968       | \$ 228,937                      | \$ 146,043     | \$ 804,948    | \$ 439,660   | \$ 234,097                      | \$ 122,517     | \$ 796,274    | 369,162   | -           | -        | 976,693           | 75          | 0         | 981,779        | 80           | 0.03       |
| Public   | \$           | -          | \$ -                          | \$          | - 1       | \$ -               | \$ -             | \$ -                            | \$ -           | \$ -          | \$ -         | \$ -                            | \$ -           | \$ -          | -         | -           | -        | -                 | -           | -         | -              |              | -          |
| Cross Cutting*   | \$           | -          | \$ 118,326                    | \$          | - 1       | \$ 118,326         | \$ 141,407       | \$ 541,163                      | \$ -           | \$ 682,571    | \$ 154,417   | \$ 541,163                      | \$ -           | \$ 695,580    | -         | -           | -        | -                 | -           | -         | -              | -            | -          |
| Total Sector Budget  | \$ 7         | 711,733    | \$ 1,723,939                  | \$ 61       | 8,938     | \$ 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         | 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    | -         | -           | -        |                   |             |           |                |              |            |
| OBF - Loan Pool**  | \$           | -          | \$ -                          | \$          | -         | \$ -               | \$ -             | S -                             | \$ -           | \$ -          | \$ -         | \$ -                            | 5 -            | \$ -          | -         |             | -        |                   |             |           |                |              |            |
| CEC AB841  | \$           | -          | \$ -                          | \$          |           | \$ -               | \$ -             | \$ -                            | S -            | \$ -          | \$ -         | \$ -                            | \$ -           | \$ -          |           | -           | -        |                   |             |           |                |              |            |
| PA Spending Budget Request (PA Program                             |              | 711,733    |                               |             | 8,938     | \$ 3,080,232       |                  | \$ 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         | 16,506,420     | 1,371        | 0          |
| <ul> <li>Cross Cutting Sector includes Codes &amp; Star</li> </ul> |              |            |                               |             |           |                    |                  |                                 |                |               |              |                                 |                |               |           |             |          |                   |             |           |                |              |            |
| "For SDG&E and SCG the loan pool is not p                          | art of the a | authorized | d EE portfolio bud            | lget and is | collecter | d and tracked thro | ugh a separate b | alancing account.               |                |               |              |                                 |                |               |           |             |          |                   |             |           |                |              |            |

# Appendix E: Supporting Information – Response to Scoping Memo, Attachment A, Question C.9.

# **Energy Efficiency In-House Budget by Sector and Cross-Cutting**

|   |                      | 2020 EE Portfolio               | Expenditures       |                     | 1                  | 2022 EE Po                      | rtfolio Budget |               | I            | 2023 EE Por                     | rtfolio Budget |               |
|---|----------------------|---------------------------------|--------------------|---------------------|--------------------|---------------------------------|----------------|---------------|--------------|---------------------------------|----------------|---------------|
| Sector  | Labor                | Non-Labor (excl.<br>Incentives) | Incentives         | Total               | Labor              | Non-Labor (excl.<br>Incentives) | Incentives     | Total         | Labor        | Non-Labor (excl.<br>Incentives) | Incentives     | Total         |
| 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  |
| 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  |
| 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  |
| 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    |
| 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 |
| 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    |
| OBF - Loan Pool**                                 | \$ -                 | \$ -                            | \$ -               | \$ -                | \$ -               | \$ -                            | \$ -           | \$ -          | \$ -         | \$ -                            | \$ -           | \$ -          |
| CEC AB841   | \$ -                 | \$ -                            | \$ -               | \$ -                | \$ -               | \$ -                            | \$ -           | \$ -          | \$ -         | \$ -                            | \$ -           | \$ -          |
| PA Spending Budget Request (PA Program and E      | \$ 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 |
| * Cross Cutting Sector includes Codes & Standar   | ds, Emerging Techno  | ologies, Workforce              | Education & Train  | ing, Finance.       |                    |                                 |                |               |              |                                 |                |               |
| ** For SDG&E and SCG the loan pool is not part of | of the authorized EE | portfolio budget an             | d is collected and | I tracked through a | separate balancing | account.                        |                |               |              |                                 |                |               |

# ATTACHMENT C MCE Budget and Savings True Up Table

# Annual Rolling Portfolio Budget Forecast - True-up

| Sector                                    | 2018**          | 2019             | 2020             | 2021             | 2022              | 2023              | 2024             | 2025             |      | Total      |
|---|-----------------|------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|------|------------|
| Residential                               | \$<br>558,107   | \$<br>1,317,213  | \$<br>1,094,802  | \$<br>2,733,236  | \$<br>4,537,000   | \$<br>4,639,421   | \$<br>-          | \$<br>-          | \$   | 14,879,779 |
| Commercial                                | \$<br>617,207   | \$<br>643,277    | \$<br>1,015,506  | \$<br>7,010,541  | \$<br>6,801,991   | \$<br>7,472,528   | \$<br>-          | \$<br>-          | \$   | 23,561,051 |
| Industrial                                | \$<br>137,360   | \$<br>113,244    | \$<br>592,732    | \$<br>871,077    | \$<br>1,289,458   | \$<br>1,144,443   | \$<br>-          | \$<br>-          | \$   | 4,148,314  |
| Agriculture                               | \$<br>-         | \$<br>93,618     | \$<br>233,243    | \$<br>468,195    | \$<br>804,948     | \$<br>796,274     | \$<br>-          | \$<br>-          | \$   | 2,396,278  |
| Emerging Tech                             | \$<br>-         | \$<br>-          | \$<br>-          | \$<br>-          | \$<br>-           | \$<br>-           | \$<br>-          | \$<br>-          | \$   | -          |
| Public                                    | \$<br>-         | \$<br>-          | \$<br>-          | \$<br>-          | \$<br>-           | \$<br>-           | \$<br>-          | \$<br>-          | \$   | -          |
| Codes and Standards                       | \$<br>-         | \$<br>-          | \$<br>-          | \$<br>-          | \$<br>-           | \$<br>-           | \$<br>-          | \$<br>-          | \$   | -          |
| WE&T                                      | \$<br>-         | \$<br>-          | \$<br>118,326    | \$<br>361,481    | \$<br>682,571     | \$<br>695,580     | \$<br>-          | \$<br>-          | \$   | 1,857,958  |
| Finance                                   | \$<br>18,524    | \$<br>-          | \$<br>-          | \$<br>-          | \$<br>-           | \$<br>-           | \$<br>-          | \$<br>-          | \$   | 18,524     |
| OBF Loan Pool                             | \$<br>-         | \$<br>-          | \$<br>-          | \$<br>-          | \$<br>-           | \$<br>-           | \$<br>-          | \$<br>-          | \$   | -          |
| Subtotal                                  | \$<br>1,331,198 | \$<br>2,167,352  | \$<br>3,054,610  | \$<br>11,444,530 | \$<br>14,115,967  | \$<br>14,748,246  | \$<br>-          | \$<br>-          | \$ 4 | 46,861,902 |
| EM&V                                      | \$<br>16,590    | \$<br>95,351     | \$<br>25,622     | \$<br>119,113    | \$<br>588,165     | \$<br>614,510     | \$<br>-          | \$<br>-          | \$   | 1,459,351  |
| Total Portfolio Program Year PA Budget    | \$<br>1,347,788 | \$<br>2,262,703  | \$<br>3,080,232  | \$<br>11,563,643 | \$<br>14,704,132  | \$<br>15,362,756  | \$<br>-          | \$<br>-          | \$ 4 | 48,321,253 |
| Total PY Unrequested Funds                | \$<br>7,184,212 | \$<br>6,269,298  | \$<br>9,323,768  | \$<br>840,357    | \$<br>(3,706,132) | \$<br>(4,364,756) | \$<br>10,998,000 | \$<br>10,870,000 | \$ : | 37,414,747 |
| <b>Total Cumulative Unrequested Funds</b> | \$<br>7,184,212 | \$<br>13,453,510 | \$<br>22,777,278 | \$<br>23,617,635 | \$<br>19,911,503  | \$<br>15,546,747  | \$<br>26,544,747 | \$<br>37,414,747 | \$   | 37,414,747 |
| Total Authorized Portfolio PY Budget Cap  | \$<br>8,532,000 | \$<br>8,532,000  | \$<br>12,404,000 | \$<br>12,404,000 | \$<br>10,998,000  | \$<br>10,998,000  | \$<br>10,998,000 | \$<br>10,870,000 | \$   | 35,736,000 |

<sup>\*2018 - 2020</sup> are actual expenditures. 2021 - 2023 are forecasted expenditures.

<sup>\*\* &</sup>quot;Reset" 2018 budget at or below 2018 annual budget approved in Business plan Decision. "True-up" years 2019-2025.

# Annual Rolling Portfolio Savings Forecast - True-up (kWh)

| Sector                                  | 2018      | 2019      | 2020       | 2021       | 2022       | 2023       | 2024 | 2025 |
|---|-----------|-----------|------------|------------|------------|------------|------|------|
| Residential                             | 336,227   | 506,753   | 278,583    | 6,333,145  | 3,339,467  | 4,811,750  | -    | -    |
| Commercial                              | 823,364   | 1,005,902 | 1,746,234  | 11,647,083 | 9,204,233  | 9,256,230  | -    | -    |
| Industrial                              | n/a       | -         | 424,552    | 1,359,837  | 1,552,963  | 1,456,661  | -    | -    |
| Agriculture                             | n/a       | -         | 369,162    | 863,147    | 976,693    | 981,779    | -    | -    |
| Emerging Tech                           | n/a       | n/a       | n/a        | n/a        | n/a        | n/a        | n/a  | n/a  |
| Public                                  | n/a       | n/a       | n/a        | n/a        | n/a        | n/a        | n/a  | n/a  |
| Codes and Standards                     | n/a       | n/a       | n/a        | n/a        | n/a        | n/a        | n/a  | n/a  |
| WE&T                                    | n/a       | n/a       | n/a        | n/a        | n/a        | n/a        | n/a  | n/a  |
| Finance                                 | n/a       | n/a       | n/a        | n/a        | n/a        | n/a        | n/a  | n/a  |
| OBF Loan Pool                           | n/a       | n/a       | n/a        | n/a        | n/a        | n/a        | n/a  | n/a  |
| Total Actual Portfolio Savings          | 1,159,591 | 1,512,656 | 2,818,530  | n/a        | n/a        | n/a        | n/a  | n/a  |
| <b>Total Forecast Portfolio Savings</b> | 1,846,947 | 1,846,947 | 11,442,395 | 20,203,211 | 15,073,357 | 16,506,420 | -    | -    |
| CPUC Goal*                              | n/a       | n/a       | n/a        | n/a        | n/a        | n/a        | n/a  | n/a  |
| % of Goal*                              | 63%       | 82%       | 25%        | n/a        | n/a        | n/a        | n/a  | n/a  |

<sup>\*2018 - 2020</sup> are actual savings. 2021 - 2023 are forecasted savings.

# Annual Rolling Portfolio Savings Forecast - True-up (kW)

| Sector                           | 2018 | 2019 | 2020  | 2021 | 2022  | 2023  | 2024 | 2025 |
|----------------------------------|------|------|-------|------|-------|-------|------|------|
| Residential                      | 27   | 19   | 4     | 59   | 56    | 59    | -    | -    |
| Commercial                       | 126  | 211  | 98    | 273  | 1,222 | 1,216 | -    | -    |
| Industrial                       | n/a  | -    | 8     | 33   | 18    | 16    | -    | -    |
| Agriculture                      | n/a  | -    | -     | 112  | 75    | 80    | -    | -    |
| Emerging Tech                    | n/a  | n/a  | n/a   | n/a  | n/a   | n/a   | n/a  | n/a  |
| Public                           | n/a  | n/a  | n/a   | n/a  | n/a   | n/a   | n/a  | n/a  |
| Codes and Standards              | n/a  | n/a  | n/a   | n/a  | n/a   | n/a   | n/a  | n/a  |
| WE&T                             | n/a  | n/a  | n/a   | n/a  | n/a   | n/a   | n/a  | n/a  |
| Finance                          | n/a  | n/a  | n/a   | n/a  | n/a   | n/a   | n/a  | n/a  |
| OBF Loan Pool                    | n/a  | n/a  | n/a   | n/a  | n/a   | n/a   | n/a  | n/a  |
| Total Actual Portfolio Savings   | 153  | 230  | 110   | n/a  | n/a   | n/a   | n/a  | n/a  |
| Total Forecast Portfolio Savings | 349  | 696  | 1,628 | 477  | 1,370 | 1,371 | -    | -    |
| CPUC Goal*                       | n/a  | n/a  | n/a   | n/a  | n/a   | n/a   | n/a  | n/a  |
| % of Goal*                       | 44%  | 33%  | 7%    | n/a  | n/a   | n/a   | n/a  | n/a  |

<sup>\*2018 - 2020</sup> are actual savings. 2021 - 2023 are forecasted savings.

# **Annual Rolling Portfolio Savings Forecast - True-up (MMtherms)**

| Sector                           | 2018   | 2019   | 2020   | 2021 | 2022 | 2023 | 2024 | 2025 |
|----------------------------------|--------|--------|--------|------|------|------|------|------|
| Residential                      | 0.07   | 0.12   | 0.01   | 0.06 | 0.05 | 0.05 | -    | -    |
| Commercial                       | (0.00) | (0.00) | 0.08   | 0.19 | 0.07 | 0.07 | -    | -    |
| Industrial                       | n/a    | -      | (0.00) | 0.13 | 0.18 | 0.15 | -    | -    |
| Agriculture                      | n/a    | -      | -      | 0.01 | 0.03 | 0.03 | -    | -    |
| Emerging Tech                    | n/a    | n/a    | n/a    | n/a  | n/a  | n/a  | n/a  | n/a  |
| Public                           | n/a    | n/a    | n/a    | n/a  | n/a  | n/a  | n/a  | n/a  |
| Codes and Standards              | n/a    | n/a    | n/a    | n/a  | n/a  | n/a  | n/a  | n/a  |
| WE&T                             | n/a    | n/a    | n/a    | n/a  | n/a  | n/a  | n/a  | n/a  |
| Finance                          | n/a    | n/a    | n/a    | n/a  | n/a  | n/a  | n/a  | n/a  |
| OBF Loan Pool                    | n/a    | n/a    | n/a    | n/a  | n/a  | n/a  | n/a  | n/a  |
| Total Actual Portfolio Savings   | 0.07   | 0.12   | 0.09   | n/a  | n/a  | n/a  | n/a  | n/a  |
| Total Forecast Portfolio Savings | 0.10   | 0.40   | 0.55   | 0.40 | 0.34 | 0.30 | -    | -    |
| CPUC Goal*                       | n/a    | n/a    | n/a    | n/a  | n/a  | n/a  | n/a  | n/a  |
| % of Goal*                       | 70%    | 30%    | 16%    | n/a  | n/a  | n/a  | n/a  | n/a  |

<sup>\*2018 - 2020</sup> are actual savings. 2021 - 2023 are forecasted savings.

#### **Authorized PA Budgets for 2018-2025**

|                      | PG&E            | SCE             | SDG&E         | SoCalGas      | MCE          | SoCalREN      | BayREN        | Total           |
|----------------------|-----------------|-----------------|---------------|---------------|--------------|---------------|---------------|-----------------|
| 2018                 | \$398,590,433   | \$233,027,000   | \$116,456,309 | \$98,812,573  | \$8,532,000  | \$18,793,099  | \$22,738,000  | \$896,949,414   |
| 2019                 | \$390,634,566   | \$253,364,000   | \$116,456,309 | \$101,961,000 | \$8,532,000  | \$20,740,920  | \$23,950,000  | \$915,638,795   |
| 2020                 | \$376,627,905   | \$271,852,000   | \$116,456,309 | \$104,064,000 | \$12,404,000 | \$21,178,362  | \$24,615,000  | \$927,197,576   |
| 2021                 | \$376,627,905   | \$266,803,000   | \$116,456,309 | \$106,195,000 | \$12,404,000 | \$21,626,987  | \$23,216,000  | \$923,329,201   |
| 2022                 | \$376,627,905   | \$274,785,000   | \$116,456,309 | \$108,356,000 | \$10,998,000 | \$22,086,959  | \$23,720,000  | \$933,030,173   |
| 2023                 | \$376,627,905   | \$283,007,000   | \$116,456,309 | \$110,548,000 | \$10,998,000 | \$22,558,944  | \$24,605,000  | \$944,801,158   |
| 2024                 | \$376,627,905   | \$291,476,000   | \$116,456,309 | \$112,771,000 | \$10,998,000 | \$23,043,313  | \$24,629,000  | \$956,001,527   |
| 2025                 | \$376,627,905   | \$300,198,000   | \$116,456,309 | \$115,028,000 | \$10,870,000 | \$23,540,840  | \$25,503,000  | \$968,224,054   |
| TOTAL (excluding     | !               |                 |               |               |              |               |               |                 |
| CCA/REN for IOU PAs) | \$3,048,992,429 | \$2,174,512,000 | \$931,650,472 | \$857,735,573 | \$85,736,000 | \$173,569,424 | \$192,976,000 | \$7,465,171,898 |

# ATTACHMENT D MCE Budget Filing Detail Report

| Two St Mind States      | Com 2014 Secondson                      | FILE - 187 |      |      |      |      |       |      |      |      |      | <br>  |      |      |       | FF  |      |      |      |      |      |      |      |      | <br> | <br> |  |
|-------------------------|---|------------|------|------|------|------|-------|------|------|------|------|-------|------|------|-------|-----|------|------|------|------|------|------|------|------|------|------|--|
| 2021 MCH \$7,545,642.67 |   | 1.08       | 1.17 | 2.58 | 3.14 | 1.17 |       |      |      |      |      | 15.29 | 0.72 | 0.41 | 13.79 |     | es . | 0.10 |      |      |      |      |      |      |      |      |  |
| 2020 MCI 54,908,519.26  | \$ 1,080,232.00                         | 1.01       | 1.09 | 2.87 | 1.28 | 1.09 | 0.60  | 0.57 | 0.87 | 3.45 | 0.17 | 18.84 | 1.05 | 0.71 | 11.44 | 1.0 | 44   | 0.55 |      |      |      |      |      |      |      |      |  |
| 2023 MOX 54,779,703.95  | \$ 2,282,752.57                         | 1.04       | 1.18 | 2.34 | 3.06 | 1.18 | 0.27  | 0.88 | 0.72 | 1.45 | 0.33 | 8.45  | 0.85 | 0.54 | 5.85  | 0.1 | 10   | 0.40 | 1.59 | 0.24 | 0.32 | 1.50 | 0.29 | 0.12 |      |      |  |
| 2018 MCE \$1,876,783.10 | \$ 1,847,787.54                         | 0.58       | 0.64 | 1.78 | 2.19 | 0.64 | 0.81  | 0.85 | 0.41 | 8.25 | 0.81 | 2.09  | 0.19 | 0.00 | 1.80  | 8.1 | n    | 0.07 | 1.60 | 0.21 | 0.07 | 1.16 | 0.15 | 6.07 |      |      |  |
| 2017 MCE \$1,586,546.78 | 5 1,401,112.80                          | 0.90       | 1.00 | 2.88 | 1.20 | 1.05 | 0.45  | 0.86 | 1.36 | 9.42 | 0.94 | 2.65  | 0.19 | 0.00 | 1.83  | 8.1 | n    | 0.01 | 1.45 | 0.80 | 0.08 | 1.36 | 0.32 | 6.03 |      |      |  |
| 2014 MCI                | 1 |            |      |      |      |      | 411 / |      |      |      | 0.00 |       |      |      |       |     |      |      | 4.79 | 411  |      | 0.17 | 0.09 | 641  |      |      |  |

|  | ** |   | Name of Street | than to a tip or disc |     | win wi |      | of an er more | major in |      |     | -    |      |     | <br>Name and | <br>responsable to a second | miles in the same | miles or an area | or unferenses | and and an arrangement | w majorita ar some |   | <br>- | <br>- | <br>ten beneviewen | <br>Barbar Tay San Asses | <br>an agreement and the real | A MATERIAL MATERIAL STATES |
|--|----|---|----------------|-----------------------|-----|--------|------|---------------|----------|------|-----|------|------|-----|--------------|-----------------------------|-------------------|------------------|---------------|------------------------|--------------------|---|-------|-------|--------------------|--------------------------|-------------------------------|----------------------------|
|  |    |   | (MARIAN AV     |                       | 100 | 1.07   | ***  | 8.66          | 147      |      |     |      |      |     |              | 10.49                       |                   |                  |               |                        |                    | - |       |       |                    |                          |                               |                            |
|  |    |   | .,000,000.00   | 5 1,000,000           |     | 149    | ***  | 1.00          | 101      | ***  | 800 | ***  | 8.65 | *** |              | ****                        | 100               |                  |               |                        |                    |   |       |       |                    |                          |                               |                            |
|  |    | , | .,~~,~         | 5 4,84750             |     |        | ***  |               | ***      | 0.07 |     | ***  | 1.45 | *** |              | 840                         |                   |                  |               |                        |                    |   | <br>  | <br>  |                    |                          |                               |                            |
| DI WE S (MANDER S LORGER ME SE SEE SEE SEE SEE SEE SEE SEE SEE S |    | , | ,070,700.00    | 5 1,007,000           |     | ***    | 1.79 | ***           | ***      | ***  |     | 0.00 | 145  | *** |              | 445                         | ***               |                  |               |                        |                    |   | <br>  | <br>  |                    |                          |                               |                            |
|  |    |   | 300,000,70     | 5 1,000,000           |     | 140    | ***  | 1.00          | 101      |      |     | 1.65 | 0.00 | *** |              | 440                         | ***               |                  |               |                        |                    |   | <br>  | <br>  |                    |                          |                               |                            |

| to the transfer   | Tagging  | Pres   |  | NOT THE PERSON | Transporter (                     |      | new means  |      |       |     |         |     | <br>    |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|-------------------|--|--|--|----------------|-----------------------------------|------|--|------|-------|-----|---------|-----|---------|-------------|--------------|----------------|------|---------|-----|---|-------------------------|-----------|--------------|--------------|--------------------|------|------|------|------|--------|-----------|------------|----------|------------|
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
| 2000 MM MM1       | Transport Control of Control   | Torontonia<br>Torontonia   | Tenneral<br>Tenneral   |                | 204<br>204                        | rund | No. of Contract  | -    | 700 T | = = | 1000    | = : |         | The last    | 9010000      |                | 100  | 100     |     | A,7510,252.55A  |                         |           | 1,711,118.01 | 1,011,005.00 | AND PERSONS        |      |      |      |      |        |           |            |          |            |
| 200 MA MAN        | September and transfer and the september at the september | NAME OF TAXABLE PARTY.   | Tenners.   |                | 104                               |      | No. 180111   |      |       |     |         |     |         | 200         |              |                |      | 100     |     | PERSONAL PROPERTY AND |                         |           | BELLET 78    |              | 10000000           |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  | 2              |                                   | ~    | No. of Contract  |      |       |     |         |     |         |             | 5000,000.00  |                |      |         |     |   | 141,0000                |           |              |              |                    |      |      |      |      |        |           |            |          |            |
| COLO DES MESOS    | Manufacture and Manual (MP)  | New York Market and York of the Control of the Cont | man named  |                | Market Sweet at Table             |      | NAME AND POST OFFI   |      |       |     |         |     | <br>    | 200         | Sections     |                |      |         |     |   | 100,000,00              |           |              |              | 100,000.00         |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
| 707 MF MM1        | Triportoly beautiful as  | hanese   | hadens   |                | THE REAL PROPERTY.                | ~    | No. of Contract  |      |       |     |         |     | <br>-   | The Control | Security 5   |                |      | 180     |     | 189,70707   |                         |           |              |              | III por m          |      |      |      |      |        |           |            |          |            |
| COLUMN TO SERVI   | Market Control of the Control  | Name of Street or Street o | Name of Street, or other teams of the Street, or other teams or ot |                | MAN .                             | -    | NAME AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NA | -    | 700 T | = = | 1000    | = : |         | The last    | 981,886.63 5 | 120,000        | 100  | 100     | **  | <br>********  | 100,000.00              |           | 171.072.00   |              | 100,000,00         |      |      | 100  | 8.79 | ***    | 275112    | OPER 17    |          | 7,871.18   |
| 200 MA MAN        | September and transfer and the september at the september | NAME OF TAXABLE PARTY.   | Tenners.   |                | 104                               |      | No. 180111   |      | 200 1 |     |         |     |         | 200         |              | ALC: NO.       |      | 100 241 |     | MARKET  |                         |           | DOLLAR ST    | HILDER III   |                    |      | 100  | 100  |      |        |           | 18010 20   |          | 100,700,00 |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             | 941,000 0 5  |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
| COLUMN TO SERVICE | Manufacture and Manual (MP)  | New York Market and Name of Street, and St | man named  |                | Market Sweet at Table             | -    | NAME AND POST OFFI   |      |       |     |         |     | <br>    | 200         | Seathern 1   | 23500<br>23500 |      |         |     |   | 100,000,000             |           |              |              | 100,000,00         |      |      |      |      |        |           | 100000 00  | 4,04.00  |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
| 2012 ME MAN       | Transport Contractors  | Name of Street or Street o | Name of Street, or other teams of the Street, or other teams or ot |                | 204<br>204                        | ~    | NAME AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NA |      |       |     |         |     | <br>-   | 200         | Security 5   | momen          |      | 100     | i i | 75,000.00   | 100,000,00              |           | marin.       |              | CHANGE OF          | ***  | 2.42 | in.  | in   | ***    |           | 10000      | 0.000.00 | min        |
| 2012 MR MAD       | motion to the court  | NAME OF TAXABLE PARTY.   | Tenners.   |                |                                   |      | No. 180111   |      |       |     |         |     |         |             |              |                |      |         |     | STATISTICS.   |                         |           | #11/00 CT    |              | 100,000.00         |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                | may .                             | -    |  |      |       |     |         | - : |         |             | Section of 5 |                |      | 100     |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
| COLD 200 MAN      | Salaria Salaria  | Name of Street o | Tanana<br>Tanana   |                | MAG.                              | ~    | NAME AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAME |      | 100   |     |         |     | <br>    | 200         | Section 14   | 100000         |      | 100 000 |     | 14750070  | 100,700.00              |           | 40,000       | MI,00.74     | ACCOUNT.           |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   | MINE TO SERVICE STATE OF THE S | NAMES OF TAXABLE PARTY OF TAXABLE  |  |                | Assert Standard activities        |      | No. of Street  | 1000 | 100   | -   | NAME OF |     | <br>100 | The last    | Section 5    | 10,000.00      |      |         |     |   | 100,000000              |           |              |              | ****               |      |      |      |      |        |           | 1,014.00 V |          |            |
| CO. S. S. S. S.   | mn.mn  | National   | Detroit  |                | 204                               | 2424 |  |      |       |     |         |     |         | 200         |              |                | 100  |         |     | NAMES OF TAXABLE PARTY.   |                         |           |              |              |                    |      |      |      |      |        |           |            |          | 2000 MILES |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      | No. of Contrast  |      |       |     |         |     |         |             | Serven 5     |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
| COLD MAY 1880     | managram<br>managram   | mategrana<br>Mategrana   | man named  |                | Name<br>Name Transport of Parties | -    | NAME AND ADDRESS OF  |      |       |     |         |     |         | 200         | 100000 1     | 10,141.10      |      |         |     |   | 21,000.00<br>00,000.00  | 17750.00  |              |              | PERSONAL PROPERTY. |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
| 2017 MR MM1       | Total Control  | Torontonia<br>Torontonia   | Tenneral<br>Tenneral   | nan            | 204<br>204                        | rund | NAME AND ADDRESS OF  | -    | 700 T | = = | 1000    | = : | <br>    | 200         | SHAPER S     | 175,000,00     | 1.00 | 149 444 |     | <br>10/2004   | \$44,07795<br>233,07000 |           | entere an    | 275,750.00   | CONTRACTOR         | 147  | 1.00 | 100  | 9.74 | 100    | CORNEL DE | 100 at 10  |          | 180,000.00 |
| 2017 MI MINI      | None market  | material and a second  | TOTAL CAPITAL  |                | THE REAL PROPERTY.                | -    | No. of Contract of |      |       |     |         |     |         | 200         | SHOWIN S     | 10,000         |      |         |     |   |                         | CONTRACT. |              |              | Annahar Ma         |      |      |      |      |        |           | 10000 0    |          |            |
|                   |  |  |  |                |                                   | 7474 |  | 700  |       |     | 1000    |     | <br>-   |             |              | 100,000,00     |      |         |     |   |                         |           |              |              |                    | 242  | 100  | 100  | 0.79 | 124 14 |           |            |          | 100,770.00 |
| cons mer mens     | Total manufacture  | Commercial   | numeral  | nun            | mhar .                            | 7474 | manager and the same of the sa |      |       |     |         |     | <br>-   | The Control |              | *******        |      |         |     |   |                         |           |              |              |                    | 0.00 | 8.54 | 0.00 |      | 224 40 |           |            | 1,000.0  | 118,000.00 |
| (110 000 0000     | Supremit Secretary<br>Secretary  | NAME OF TAXABLE PARTY.   | Name of Street   |                | mean and a second                 | -    | NAME AND DESCRIPTION OF THE PERSON NAMED IN COLUMN NAMED IN CO |      |       |     |         |     |         | 200         |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           | 10000 0    |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |
|                   |  |  |  |                |                                   |      |  |      |       |     |         |     |         |             |              |                |      |         |     |   |                         |           |              |              |                    |      |      |      |      |        |           |            |          |            |

| CAN PROTECTED BASES |  |          | Higher Search and Marin | myservenium mys | courses september | manus mphysics | Magazina de Maria Maria . | migrage house. May | privage for exercise | Name and Address and | CHARLES THE RESIDENCE OF | tion the fact than better | Committee from Section 5. | Charles San San San | Carried Top for Belleville | CHARLES WAS BOLL SHEET | Chicago Stranger | m. Harridaya Norman | manufacyte became | m named sales | A CHEST AND THE PARTY AND THE |  |
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|                     | 95   | 100      |                         | 140             | 141               | 107 10         |                           | 10.00              | 100                  |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
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|                     |  |          |                         |                 |                   |                |                           |                    |                      |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
|                     | m Majorina   | 100      |                         | 100             | 8.88              |                |                           | 25.00              | 8.84                 | 145                  | 8.69                     | (0.00                     |                           | 1.41                |                            |                        |                  | 100) 0.0            |                   |               |   |  |
|                     | manual ma | 500 East | 100                     | ***             | in .              |                |                           | 100                |                      |                      |                          | ***                       |                           |                     |                            |                        |                  |                     |                   |               |   |  |
|                     |  | 127      |                         | 100             | 100               |                |                           | 100                | 100                  |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
|                     |  |          |                         |                 |                   |                |                           |                    |                      |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
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|                     |  |          |                         |                 |                   |                |                           |                    |                      |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
|                     | NAME OF THE PARTY  | 144      | 100                     | ***             |                   |                |                           | 10.09              | 0.00                 |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
|                     | 73.79.00   |          |                         |                 |                   |                |                           |                    |                      |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
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|                     |  |          |                         |                 |                   |                |                           |                    |                      |                      |                          |                           |                           |                     |                            |                        |                  | 101                 |                   |               |   |  |
|                     | NAME OF THE PARTY  |          |                         |                 |                   |                |                           |                    |                      |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
|                     | NAME OF THE PROPERTY OF THE PR |          |                         |                 |                   |                |                           |                    |                      |                      |                          |                           |                           |                     |                            |                        |                  |                     |                   |               |   |  |
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|                     | n miyes  |          |                         |                 |                   |                |                           |                    |                      | 848                  | 8.00                     |                           |                           |                     |                            |                        |                  | 141 141             |                   |               |   |  |
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|  | 1,010.00 | 575.00   | 1,077.07 | Name     | 10000    | 1,010.00  | 10,000   | 4,000.00 | MIT AT |        | 178.45         |     | 22737    |       | 1,000.00 |        | 100.07 MARY                                  |
|  |          |          |          |          |          | 1,000.00  |          | 4,000    |        |        |                |     |          |       |          |        |  |
|  | ****     | 1,000,00 | 0070     | 1900     | 4444.00  | 10,000    | 1,000.00 | 1985.00  | 100.00 |        | 100.00         |     | 4444     |       |          |        | 753 3434                                     |
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|  | ****     | reserv   | 1000     | Manage . | 100.00   | resen.    | *****    |          | ****   |        | 19.99          |     |          |       |          |        | 18.65  |
|  | 100.00   | 20.00    | 1470.41  | 1000     | 441100   | M15.02    | 181141   | MILES.   | 17.61  |        |                |     |          |       | 10.44    |        | 100 100                                      |
|  | 234.47   | 277708   | 100.00   | 100.00   | 4,417.00 | 0,000.00  | 1,00000  | 1,079.00 | 17.05  |        | 19.93          |     | ****     |       | 99/10    |        |  |
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|  | 111.7    | 100.00   | 200      | 1959     | 141175   | 100.00    | 7945     | 200      | 1007   |        | 20.00          |     | 1007     |       | 400      |        | 107  |
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|  | PM 89    | 549.49   | A10.75   | 889.74   | 4,000.00 | 7,646.44  | 1,714.00 | 1,766.07 | 81.07  |        | 20.00          |     |          |       | and the  |        | M-71 FE-51                                   |
|  | 100.00   | 10.00    | 10.01    | 100.00   | 14414    | 1,000.00  | 1,00070  | 1,000.07 |        |        | 200            |     | *****    |       | 99.77    |        | 0.00   |
|  |          |          |          |          |          |           |          |          |        |        |                |     |          |       |          |        |  |
|  | ****     | 275.00   | 1944     |          |          | 1,000.00  | 4,0000   | 4300.00  | 100.70 |        | 10.00          |     | PERMIT   |       |          |        | 8.0  |
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|  | en a     |          |          | 1000     | 440.00   | 1,791.00  |          | 1,000,00 | 14.00  |        | 900            |     | anno.    |       | 100      |        | mar 17.70                                    |
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|  | anim.    | min.     | 100.00   | ania.    | annine . | Lesion    | raine    | Later    | ein.   | 175.00 | and the second | min | win.     | men   | win      | marin. | nin nin                                      |
|  | 500.00   | 41.0     | 20.00    | 1000     | 473470   | 1,0075    | 1,1110   | 1,000    | 71.0   | 1100   | 124            | 200 | 14007    | 17000 |          |        | 100.01                                       |
|  |          |          |          |          |          |           |          |          |        |        |                |     |          |       |          |        |  |
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|                  |          |        |                  |        |         |          |          | -        | makeya wasan man |        | -      |      | Committee from North Co. No. | than alloys troops |                        |          | -      | -        | ********** |       | -      | deposition adversariation adversariation ad  | <br>MANAGEMENT MANAGEMENT |  |
|------------------|----------|--------|------------------|--------|---------|----------|----------|----------|------------------|--------|--------|------|------------------------------|--------------------|------------------------|----------|--------|----------|------------|-------|--------|--|---------------------------|--|
| 1,000.00         | 4,000.00 |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 100.00           | 200      |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 100.00           | 175.00   |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| *****            |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| ei e             | nin.     |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 100.00           | 107.00   |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
|                  |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 100.00           | 19.00    |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 1887             | 100.00   |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
|                  |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| *****            |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
|                  |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 100.00           | 100.07   | 90.07  | 2000             | 79.00  | 100.00  | 1017.00  | 1,590.00 | 140.00   | 075.00           | 100    |        | 100  |                              |                    | NAME OF TAXABLE PARTY. |          | 20.00  |          | 10.50      | 17.00 | 11144  | 10.00  |                           |  |
| 347              | 100      | 100.00 | 10100            | 1854   |         | 1977.00  | 100.00   | 19867    |                  |        |        | 100  |                              |                    | and a                  |          | 10.00  |          | 0.00       | 0.00  | 1000   | 10.00  |                           |  |
|                  |          | 100    | ***              | 100    | 99.7.00 |          | 845      | ***      | ****             | 100    |        | 10   |                              |                    | 100                    |          | 100    |          |            |       | 885    | 100  |                           |  |
| 888.07<br>838.03 | 100.70   |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 199.00           | 120      |        | 100              |        | in      | 1700     | -        | nie.     | N/D              | - 1    |        |      |                              |                    | 100                    |          | 100    |          |            | -     | 100    | in an  |                           |  |
|                  |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 140.00           | 100.00   |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
|                  | 746.00   |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
|                  |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
| 888.00           | 100.00   | 90.00  | 500.00<br>500.00 | 75.64  | 70.00   | V-100    | 1,000.05 | 1,000    | 1,000.00         | 10.0   |        |      |                              |                    | 100.00                 |          | 100.00 |          | 200        | 10.00 | 10000  | 1000   |                           |  |
|                  |          | 80.00  | (11.14)          | 1000   | (4.86)  | 1910.00  | 100.00   | 1,000    | (4417)           | 41.6   |        | 10.0 |                              |                    | con.                   |          | 1,000  |          | 10.00      | 11.00 | 1300   | 100  |                           |  |
|                  |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
|                  |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |
|                  |          | 79.00  | ***              | 8784   | ****    | 1,000.00 | ****     | *****    | 79.00            | 10.50  | 19.00  |      |                              |                    | 150.00                 | 1,000.00 | 200.47 | 1,000.00 | 10.00      |       | 10.01  | 147.49   |                           |  |
| 88.79            | 55655    | 70.00  | 100              | 1000   | 200     | 998.0    | (889.7%) | 1,0000   | (100.00)         | 171.00 | 100    | 100  |                              |                    | Page 1                 | (200.07) | 1,000  | (4000)   | ***        | 10.00 | 100.00 | MATERIAL TO A STATE OF THE STAT |                           |  |
|                  |          | 26.74  | 11179            | 1900   | 200.08  | 16.70    | 11179    |          | 101.00           | 7.00   | 210.44 | 7.4  |                              |                    | 748                    | 25122    | 7.85   | 240.00   | 1.00       | 1.00  | 1.41   | LED .  |                           |  |
|                  |          | 100.05 | 10.00            | 105.00 | ***     | 1,715.00 | 875.56   | 1,746.00 | 798.07           | 20.00  | 10.00  | 10.0 |                              |                    | men.                   | 1,07010  | 179.00 | 1,000.00 | 18.56      | 10.79 | 496.47 | 200.00   |                           |  |
|                  |          | 490.79 | (4.77)           | 15000  | ***     | 1,000.00 | (46.46)  | 171.05   | (198)            | 50.00  | (5.00) |      |                              |                    | NAME OF TAXABLE PARTY. | (4154)   | 250.00 | (40.44)  | 98.00      | ***   | 175.47 | 180  |                           |  |
|                  |          |        |                  |        |         |          |          |          |                  |        |        |      |                              |                    |                        |          |        |          |            |       |        |  |                           |  |

and addings before analyzation and resource adversarial adversarial addings are not addings and

| Tour De Regions | Programme<br>Transcription   | NAME OF TAXABLE PARTY.   | Printery Name<br>September 1   | total televisionique | Programming to the second  | 2424 | Making Implementary  | September 1  | rige townspenditures | rangem or | the sector | water may | 121  | the trees      | on my man | magnetice o | MATTER THE | responsible to a term | 414.07.0    |      | -   |      | -   |         | <br>   |   |            |            | -          | - | <br>- | <br>Reference to | NAME OF |
|-----------------|--|--|--|----------------------|--|------|--|--------------|----------------------|-----------|------------|-----------|------|----------------|-----------|-------------|------------|-----------------------|-------------|------|-----|------|-----|---------|--------|---|------------|------------|------------|---|-------|------------------|---------|
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      | 1004   | -    |  |              |                      |           |            | 898       |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| con me man      | TAKE W   | Relative   | Publicative .  |                      |  |      | Territoria dell'Articologia  | 5070,077.00  |                      |           | 807        | 5.07      |      | 2.07 1,000,000 |           |             | 27,646.65  |                       | ***         |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| COL 102 MAIL    | Appendix Appendix Temporary  | Apparture<br>Transferrational and Talenta  | agreement  | No. Williamson       | Tenderson and Taxon  |      | NAME AND ADDRESS OF THE PARTY O | Sea care     |                      |           | ***        |           | 5.07 | *** ***        |           | M1,007.00   | *******    |                       | 200,000 Mg  |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| ALC: NO 1881    | topower, sacrature,  | Nonlessa .   | <b>Parameters</b>  |                      | ma .   |      | Name and Address   | 500,000.00   |                      |           | 180        |           |      | 140 100/00     |           | 101,000,00  |            |                       | 111,000.00  |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| COLUMN TO MANY  | TORNOO CONTRACTOR  | Northernal<br>Northernal   | Name of Street, or other teams of the Street, or other teams of th |                      |  |      | NAME AND ADDRESS OF THE PARTY O | Services and |                      |           |            |           |      | 107 20000      |           | 100,000,00  | 274748     |                       | 100,000,00  |      |     |      |     | 100     |        |   |            |            | COLUMN TO  |   |       |                  |         |
| 200 00 000      | Transplant transplant  | Tenterral<br>Tenterral   | hadens   |                      |  |      | THE PERSON   | SOUTH IN     |                      |           |            |           |      | ER MAN         |           | 173.3 E-1   | 50,000     |                       | 10,300      | 100  |     |      |     |         |        | AND | 100,000,00 |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| 7707 MF MEN     | March market annual Territory (MPT)  | motorshops at hang   |  |                      |  |      | Territoria dell'Articologia  | 500,007.00   | 5 INCOME.            |           |            |           |      |                |           | 100,000,000 |            |                       | 100,007.00  |      |     |      |     |         |        |   |            |            | ***        |   |       |                  |         |
| CO. 10 Mars     | manufacture and a second   | National Measurement extraoriosis  | Name of Street, or other party of the last |                      | National Management and resistant  | CATA | No. of Concession  | 508,795.58   |                      | in.       |            |           | 600  | in terre       |           | 100,700.00  | accesses.  |                       | 100,000.00  | in i |     |      | -   | in 100  |        | 20,000.00                               | 771.7541   | even o     | 20,000,00  |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  | -    |  |              |                      |           |            | 100       |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| Ann an ann      | September 1 and September 1  | Northernal<br>Northernal   | Tenterral<br>Tenterral   |                      | ma .   | -    | Name and Address   | Second .     | 5 100,000.00         |           | 100        | 100       | ***  | 100 1,010,010  |           | 0.000       | W0770.00   |                       | 010mm       |      |     |      | -   |         | ·/**** |   |            |            | 200,000.00 |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| AND MI MAN      | manufacture and a second secon | National Management authorises<br>National   | ton transport  |                      | National Management and resident   |      | No. No. Popul  | 500,000.00   |                      | 100       |            |           |      |                |           |             |            |                       | 111,000,000 |      |     | -    | -   |         |        | 97,074.00                               |            |            | 95,004.00  |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 | and toler  | Radiation Management authorities   | an transfer  |                      | Natural Maurature and resistant  |      | New Yorkships  | 5.10,000.70  |                      |           | -          | -         |      |                |           | 20,000.79   |            |                       | 11,000.75   |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| 2017 MR MM1     | Technology (September 1997)  | Name of the last o | Turnerse<br>Turnerse   |                      | may<br>may   | 7474 | market and the second  | 500 C 10.00  |                      |           | 147        | 200       |      | 140 12120      |           |             | AU AMAN    | 470,070,01            | 111,711,01  | 107  |     | 100  | 100 | 100 100 |        | MARKET AT                               | MILES 11   | 070,000,00 |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
| 7000 MF MM2     | tanners regula   | Existracing:   | Extended   |                      | may .  | rene | majora.  |              | 5 100,000.00         |           |            |           |      |                |           |             |            |                       |             |      | 768 | 1.70 | 445 | 850 000 |        |   | 100,000,00 | 80,000.00  |            |   |       |                  |         |
| 2015 MT MT      | Topinski harrateng   | National Contractor  | Restored<br>Transporter  |                      | TOWN TO STATE OF THE STATE OF T |      | Name and Address   |              | 5 100,000.00         |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        | COLD                                    |            |            | Date       |   |       |                  |         |
|                 |  |  |  | _                    |  | -    |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |
|                 |  |  |  |                      |  |      |  |              |                      |           |            |           |      |                |           |             |            |                       |             |      |     |      |     |         |        |   |            |            |            |   |       |                  |         |

| NAME OF TAXABLE PARTY AND | -   | magner to a more own | migrative management | on Magnes has be | -    | me mingrous has been seen | tern Magazinya mus |               |      | n mystryk termene | -  | - | Name and Post Street Workshop Street | Name To a Resident | Committee Trans Section | NAME AND ADDRESS OF THE OWNER, OR | mendaya waxan | Familia yis too Million | manufacyte territori | rismatopia na sentum | name and a | DOTAL THESE | rian was become | - | THE PARK STREET, THE PARK | <br>DOLLARS CONTRACTOR SECURE |
|---------------------------|-----|----------------------|----------------------|------------------|------|---------------------------|--------------------|---------------|------|-------------------|----|---|--------------------------------------|--------------------|-------------------------|-----------------------------------|---------------|-------------------------|----------------------|----------------------|------------|-------------|-----------------|---|---------------------------|-------------------------------|
|                           | 10  |                      |                      |                  |      |                           | 100                | 200           |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           | 10  |                      |                      | 141              |      |                           |                    |               | = :  |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           | 1.0 |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           | -   | in in                |                      | in               | in . | in                        | in                 | in            | in i | e é               |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      | 100              |      | 100                       | 100                | 1000          |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           | 100                |               | 100  |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           | 10  |                      |                      |                  | 100  |                           | 147                | 7.60<br>61.50 | 12   |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           | 1.0 |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      | 100              | 100  |                           | 100                | 475           | 100  |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  | 107  |                           |                    |               | 10 1 |                   |    |   | 100                                  |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   | 100                                  |                    |                         |                                   |               | -                       | -                    |                      |            |             |                 |   |                           |                               |
|                           | 10  |                      |                      |                  | 100  |                           | 100                | ***           | 10 1 |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           | 10  |                      |                      |                  | 100  |                           | 107                |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           | 1.0 |                      |                      | 885              |      |                           |                    | 17.68         |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   | (100)                                |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   | 100                                  |                    |                         |                                   |               |                         | 100                  | 111                  |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  | ***  |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   | 10 |   |                                      |                    |                         |                                   | 100           |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    | -                       |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |
|                           |     |                      |                      |                  |      |                           |                    |               |      |                   |    |   |                                      |                    |                         |                                   |               |                         |                      |                      |            |             |                 |   |                           |                               |

| Magnetic Section 100 | Major turbus market | -     | Name and Address of the Owner, where the Owner, while the Owner, where the Owner, while the | Mary Annual Control | Mingrisoph Woman married | May de species de la constante | Military Science | Magnes had man decimal | -      | Magnetic Medicals | Magnine Four Res No. No. | Magazine and Australia | Mingalis spin more markets | Mingolicopia Northurana<br>2007 | Magaziniya tari sa tar |        | Total State of State | hymnus m | ngricus services |        |        | CONTRACTOR NOTICE IN |
|----------------------|---------------------|-------|--|---------------------|--------------------------|--|------------------|------------------------|--------|-------------------|--------------------------|------------------------|----------------------------|---------------------------------|------------------------|--------|---|----------|------------------|--------|--------|----------------------|
|                      | 571.00              |       | Name   |                     | 5,050.00                 |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
| 1,000.00             | m111                | 1,000 |  | 200                 | 199.00                   | 1990   |                  | 97.0                   |        |                   |                          | 1112                   |                            |                                 |                        |        | 200   | 100.00   | 200.00           |        |        |                      |
|                      |                     |       |  |                     |                          |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
|                      | ****                | ***** |  | 4,864.75            | 2,888.15                 |  | 1,000.01         | 188.71                 |        | 100.00            |                          | 4,444.70               |                            | 1,000.00                        |                        | 16.00  | 54.54   | ****     |                  |        |        |                      |
| nin.                 | min.                | 100   | 100.00   | 75.00               | emin.                    | win  | min              | nine.                  |        | in.               |                          | min.                   |                            | arin.                           |                        | in     | in  | ***      | nin.             |        |        |                      |
| 1,000                | 100.00              | 1000  | 110.00   | 100.00              | 200.00                   | 1887   |                  | 1000                   |        |                   |                          |                        |                            |                                 |                        |        | 200   | 111.75   | 100.00           |        |        |                      |
|                      |                     | ***** |  |                     |                          |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
|                      | 20.00               | 1400  | 10.00  | 447783              | M10.00                   | 18110  | 100.00           | 17.00                  |        |                   |                          |                        |                            |                                 |                        |        | 100.00  | 177.00   | 79.00            |        |        |                      |
|                      |                     |       |  |                     |                          |  |                  |                        |        | 10.71             |                          | ***                    |                            | 100.14                          |                        |        |   |          |                  |        |        |                      |
| 10.00                | 4,000               | 2000  | 10700  | 4,007.00            | 10,010.00                | 479140   |                  | 70.00                  |        | 100 M             |                          | 0.00                   |                            | 7000                            |                        |        | 10.00   | 475.00   | 100.00           |        |        |                      |
|                      |                     |       |  | -                   |                          | -  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
| mo                   | Marin .             | erin. | non.   | amin.               | rania                    | amin   | 419541           | 11.00                  |        | win.              |                          | ania.                  |                            | nin.                            |                        | No.    | 10.00   | 175.00   | 200.07           | 10.00  | nine.  | nie.                 |
|                      |                     |       |  |                     |                          |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
| 100.00               | 100.00              | 7947  | 10.00  | 14000               | 100.00                   | 7945   | 200.00           | 10.00                  |        | 200               |                          |                        |                            |                                 |                        |        | 2.74  | 175.00   | 100              | 100.00 | 141.00 | 180.47               |
|                      |                     |       |  |                     |                          |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
| PA 400               | 100.00              | 100   | 100.00   | 1,000.00            | 1,000.00                 | 1,711,00   |                  | ****                   |        |                   |                          |                        |                            |                                 |                        |        | 17.00   | 110.00   | 179.79           | in the | 100    | in                   |
|                      |                     |       |  |                     |                          |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
| 701.07               | 275.01              | 224   |  | A760.70             | 1,000.00                 | 40000  | 1,000,00         | 100.00                 |        | 2.0               |                          |                        |                            |                                 |                        |        | 90.79   | 140.00   | 100.00           |        |        |                      |
| ****                 |                     |       |  | 1,000               | 1,000.00                 | 4,000  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
| min                  | -                   |       |  |                     | 17910                    |  | 170000           |                        |        | 100               |                          |                        |                            |                                 |                        |        | e e   |          |                  | -      | nin.   | 200                  |
| 70.45                | 0.00                | 7034  | 15.65  | 1,002.07            | 1,782.00                 | 2,11111  | 1,500.00         | 10.00                  |        | 124               |                          | 101.7                  |                            |                                 |                        | 100.00 | 20.00   | 111.00   | 100.00           |        | 111.00 | 75.00                |
|                      |                     |       | 100.00   |                     | ****                     |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  | *****  |        | 100.00               |
|                      |                     |       |  |                     |                          |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
|                      |                     |       |  |                     |                          |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  |        |        |                      |
| ****                 | 10.00               | 20.11 | 100.00   | 4,000               | 1,881,81                 | 2,222  |                  |                        | 170.00 | 17.0              | 1755.68                  | 14117                  | 170.0                      | 1000                            | 1981                   | 10.01  | 10.79   | 111.00   | 100.00           | 7100   | 100    | 20.00                |
|                      |                     |       |  |                     |                          |  |                  |                        |        |                   |                          |                        |                            |                                 |                        |        |   |          |                  | 49.79  | 14779  | 1919                 |
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# Attachment E

#### 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: 21:16:12 on 05 Nov 2021

By: Qua Vallery

Advice Letter Number: 54-E

- \* Portfolio Budget Filing Summary \*
- TRC: 0.84 - PAC: 0.96
- TRC (no admin): 1.72PAC (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: \$16,802,625.40 - 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: 21:17:32 on 05 Nov 2021

By: Qua Vallery

Advice Letter Number: 54-E

- \* Portfolio Budget Filing Summary \*
- TRC: 0.86 - PAC: 0.97
- TRC (no admin): 1.86PAC (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: \$17,381,607.62 - 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;