California Public Utilities Commission

ADVICE LETTER SUMMARY

ENERGY UTILITY

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

Company name/CPUC Utility No.: Tri-County Regional Energy Network (3C-REN)/CPUC #220

Utility type:
[X] ELC [X] GAS [ ] WATER
[ ] PLC [ ] HEAT

Contact Person: Alejandra Tellez, County of Ventura
Phone #: 805-654-3835
E-mail: alejandra.tellez@ventura.org
E-mail Disposition Notice to: alejandra.tellez@ventura.org

EXPLANATION OF UTILITY TYPE
ELC = Electric GAS = Gas WATER = Water
PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)
12/20/2021

Advice Letter (AL) #:3C-REN AL 8-E-A/7-G-A (CPUC #220) Tier Designation: Tier II

Subject of AL: Supplemental Filing of Energy Efficiency Rolling Portfolios Annual Budget Advice Letters (ABAL) for proceeding R.13-11-005 and A.17-01-013, et al. by the Tri-County Regional Energy Network (3C-REN).

Keywords (choose from CPUC listing):

AL Type: [ ] Monthly [ ] Quarterly [X] Annual [ ] One-Time [ ] Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: In compliance with D.15-10-029, D.18-05-041, D.21-05-031 and D.21-09-037.

Does AL replace a withdrawn or rejected AL?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

Summarize differences between the AL and the prior withdrawn or rejected AL: N/A

Confidential treatment requested? [ ] Yes [X] No

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

Resolution required? [ ] Yes [X] No

Requested effective date: 12/08/21 No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

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: N/A

Service affected and changes proposed[1]: N/A

Pending advice letters that revise the same tariff sheets: N/A

[1]Discuss in AL if more space is needed.

Clear Form

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

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

Name: Susan Hughes
Title: Senior Deputy Executive Officer, Ventura County
Utility Name:
Address: 800 S. Victoria Avenue, #L1940
City: Ventura
State: California Zip: 93009-1940
Telephone (805)654-3836:
Facsimile (805)654-5106
Email: susan.hughes@ventura.org

Name: Alejandra Tellez
Title: Program Management Analyst
Utility Name:
Address: 800 S. Victoria Avenue, #L1940
City: Ventura
State: California Zip: 93009-1940
Telephone (805)654-3835
Facsimile (805)654-5106
Email: alejandra.tellez@ventura.org

Clear Form

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	

Clear Form

COUNTY of VENTURA
COUNTY EXECUTIVE OFFICE
MICHAEL POWERS
County Executive Officer

Mike Pettit
Assistant County Executive Officer

Kaye Mand
County Chief Financial Officer

Shawn Atin
Assistant County Executive Officer

December 20, 2021

California Public Utilities Commission
Energy Division Tariff Unit
505 Van Ness Ave.
Fourth Floor
San Francisco, CA 94102-3298

3C-REN Advice Letter 8-E-A/7-G-A
(CPUC # 220)

Subject

Supplemental Advice Letter ("AL") of the Tri-County Regional Energy Network ("3C-REN") 2022-2023 Energy Efficiency Biennial Budget Advice Letter

Purpose

The purpose of this supplemental advice letter is to provide supplemental program information as requested by Energy Division staff on Thursday, December 8, 2021, with respect to Cost Effectiveness Tool's calculation updates to the fuel substitution measures at the time of 3C-REN's original AL filing.

Background

On November 8, 2021, 3C-REN submitted a Biennial Budget AL 8-E/7-G in compliance with decision (D.) 21-05-031, requesting the California Public Utilities Commission (CPUC) approve its energy efficiency program and portfolio budget request.

On November 15, 2021, 3C-REN filed substitute sheets containing minor revisions to AL 8-E/7-G. The substitute sheets reformatted various cost-effectiveness figures from being displayed as dollar values to being displayed in ratios.

On December 8, 2021, Energy Division staff notified Program Administrators (PAs) that it had corrected errors causing elevated cost effectiveness values for fuel substitution measures, and that PAs were required to file supplemental AL if the PAs portfolio contained fuel substitution measures.

Findings

The updates to the Cost Effectiveness Tool result in a slight decrease in 3C-REN's 2022 and 2023 portfolio total resource cost ("TRC"). In 2022, the portfolio TRC decreases from 0.40 to 0.39, and in 2023 decreases from 0.48 to 0.46. The revised cost effectiveness outputs are included in Table 1 (2022) and Table 2 (2023) and have also been submitted through the California Energy Data and Reporting System (CEDARS).

Table 1: 3C-REN 2022 Budget and Savings (Net)[1]

Line	Sector	Program Year (PY) 2022 Budget	FORECAST ENERGY SAVINGS (Net) PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2
	Resource Acquisition Program Segment						
	Residential	$0	-	-	-	-	-
1	WE&T	$0	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$0**	**-**	**-**	**-**	**-**	**-**
	Resource Acquisition Forecasted Total System Benefit (TSB)	$0					
	Resource Acquisition Forecasted Total Resource Cost (TRC)	0.00					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.00					
	Market Support Program Segment						
	Residential	$0	-	-	-	-	-
1	WE&T	$1,848,046	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$1,848,046**	**-**	**-**	**-**	**-**	**-**
	Resource Acquisition Forecasted Total System Benefit (TSB)	$0					
	Portfolio Forecasted Total Resource Cost (TRC)	0.00					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.00					
	Equity Program Segment						
	Residential	$5,632,284	2,080,231	274	0.09	444	679
1	WE&T	$0	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$5,632,284**	**2,080,231**	**274**	**0.09**	**444**	**679**
	Resource Acquisition Forecasted Total System Benefit (TSB)	$3,697,288					
	Portfolio Forecasted Total Resource Cost (TRC)	0.50					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.67					
	Portfolio						
	Residential	$5,632,284	2,080,231	274	0.09	444	679
1	WE&T	$1,848,046	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$7,480,330**	**2,080,231**	**274**	**0.09**	**444**	**679**
5	**CPUC Savings Goal (w/o C&S)**		2,080,231	274	0.09	444	679
6	**Forecast savings as % of CPUC Savings Goal (w/o C&S)**	NA	100.0%	100.0%	100.0%	100.0%	100.0%
7	**Total EM&V** [7]	$386,974					
7a	PA EM&V	$106,418					
7b	ED EM&V	$280,556					
	Portfolio Forecasted Total System Benefit (TSB)	$3,697,288					
	Portfolio Forecasted Total Resource Cost -TRC (w/o C&S and w/ EM&V)	0.39					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.39					
	Portfolio Forecasted Ratepayer Impact Measure (RIM)	0.39					
8	**Codes and Standards**	$1,807,045					
9	**PA Spending Budget Request**[1]	$9,674,349					
10	**(LESS) PA Uncommitted and Unspent Carryover Balance**[2]	$8,139,497					
11	**CEC AB 841 Program Funding** [3]						
12	Applicable percentage (70%) of difference between funding limitation and 2020 budget	$0					
13	PA 2020 and Beyond Uncommitted and Unspent Carryover Balance [4]	$0					
14	**CEC AB 841 Total Program Funding**	$0					
15	**PA Revenue Requirement Request (Cost Recovery)** [5]	$1,534,852					
	% of Equity and Market Support Program Budgets to PA Spending Budget Request (not to Exceed 30%)	77%					
16	**PA Authorized Budget Cap (D.18-05-041)**	$6,929,393					

[1] This is 3C-REN's requested EE Portfolio budget.

[2] The balance of unspent uncommitted must reflect the total unspent uncommitted from pre-2020 EE authorized budgets Jan 1 2018 through Dec 31 of current year (PY-1). For PY 2022, this includes unspent/uncommitted for PY 2019-2020. Fro PY 2023, this includes projected unspent/uncommitted for PY 2021. Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed. AB 841 does not apply to RENs; therefore these amounts include 2020 and Beyond Uncommitted and Unspent Carryover.

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

[4] Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed.

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

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

[7] For 3C-REN, the total EM&V includes EM&V-PA Budget and EM&V-ED with the understanding that EM&V-ED will remain with the IOUs.

[1] 3C-REN's 2022 Budget and Savings table has been modified to show only sectors with planned program activity and formatted to fit this page. The full version of the table has been uploaded to CEDARS in the original format and included as Attachment A to this filing.

Table 2: 3C-REN 2023 Budget and Savings (Net)[2]

Line	Sector	Program Year (PY) 2023 Budget	FORECAST ENERGY SAVINGS (Net) PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2
	Resource Acquisition Program Segment						
	Residential	$0	-	-	-	-	-
1	WE&T	$0	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$0**	**-**	**-**	**-**	**-**	**-**
	Resource Acquisition Forecasted Total System Benefit (TSB)	$0					
	Resource Acquisition Forecasted Total Resource Cost (TRC)	0.00					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.00					
	Market Support Program Segment						
	Residential	$0	-	-	-	-	-
1	WE&T	$1,910,021	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$1,910,021**	**-**	**-**	**-**	**-**	**-**
	Resource Acquisition Forecasted Total System Benefit (TSB)	$0					
	Portfolio Forecasted Total Resource Cost (TRC)	0.00					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.00					
	Equity Program Segment						
	Residential	$8,380,010	3,117,922.41	711.68	0.12	689.26	871.45
1	WE&T	$0	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$8,380,010**	**3,117,922**	**712**	**0.12**	**689**	**871**
	Resource Acquisition Forecasted Total System Benefit (TSB)	$5,849,799					
	Portfolio Forecasted Total Resource Cost (TRC)	0.57					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.71					
	Portfolio						
	Residential	$8,380,010	3,117,922.41	711.68	0.12	689.26	871.45
1	WE&T	$1,910,021	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$10,290,031**	**3,117,922**	**712**	**0.12**	**689**	**871**
5	**CPUC Savings Goal (w/o C&S)**		3,117,922	712	0.12	689	871
6	**Forecast savings as % of CPUC Savings Goal (w/o C&S)**	NA	100.0%	100.0%	100.0%	100.0%	100.0%
7	**Total EM&V** [7]	$507,252					
7a	PA EM&V	$139,494					
7b	ED EM&V	$367,758					
	Portfolio Forecasted Total System Benefit (TSB)	$5,849,799					
	Portfolio Forecasted Total Resource Cost -TRC (w/o C&S and w/ EM&V)	0.46					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.47					
	Portfolio Forecasted Ratepayer Impact Measure (RIM)	0.47					
8	**Codes and Standards**	$1,884,021					
9	**PA Spending Budget Request**[1]	$12,681,304					
10	**(LESS) PA Uncommitted and Unspent Carryover Balance**[2]	$4,916,888					
11	**CEC AB 841 Program Funding** [3]						
12	Applicable percentage (70%) of difference between funding limitation and 2020 budget	$0					
13	PA 2020 and Beyond Uncommitted and Unspent Carryover Balance [4]	$0					
14	**CEC AB 841 Total Program Funding**	$0					
15	**PA Revenue Requirement Request (Cost Recovery)** [5]	$7,764,417					
	% of Equity and Market Support Program Budgets to PA Spending Budget Request (not to Exceed 30%)	81%					
16	**PA Authorized Budget Cap (D.18-05-041)**	$7,206,568					

[1] This is 3C-REN's requested EE Portfolio budget.

[2] The balance of unspent uncommitted must reflect the total unspent uncommitted from pre-2020 EE authorized budgets Jan 1 2018 through Dec 31 of current year (PY-1). For PY 2022, this includes unspent/uncommitted for PY 2019-2020. Fro PY 2023, this includes projected unspent/uncommitted for PY 2021. Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed. AB 841 does not apply to RENs; therefore these amounts include 2020 and Beyond Uncommitted and Unspent Carryover.

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

[4] Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed.

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

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

[7] For 3C-REN, the total EM&V includes EM&V-PA Budget and EM&V-ED with the understanding that EM&V-ED will remain with the IOUs.

[2] 3C-REN's 2023 Budget and Savings table has been modified to show only sectors with planned program activity and formatted to fit this page. The full version of the table has been uploaded to CEDARS in the original format and included as Attachment A to this filing.

List of Attachments

Attached to this advice letter are the following:

- Attachment A: ABAL Attachment A
- Attachment B: CEDARS Confirmation Sheet

Protest

3C-REN respectfully requests that the protest period be shortened to five days from the date of this letter, or December 25, 2021.

Copies of the protest should also be sent via e-mail to the attention of the Energy Division at EDTariffUnit@cpuc.ca.gov. It is also requested that a copy of the protest be sent by email to address shown below on the same date it is mailed or delivered to the Commission.

Effective Date

3C-REN respectfully requests that this Tier 2 supplemental advice letter maintain the original effective date of December 8, 2021.

Susan Hughes
Senior Deputy Executive Officer
Ventura County
800 S. Victoria Avenue
Ventura, CA 93009
Telephone: 805-654-3836
Facsimile: 805-654-5106
Email: susan.hughes@ventura.org

Alejandra Tellez
Program Management Analyst,
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800 S. Victoria Avenue
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Telephone: 805-654-3835
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E-mail: Alejandra.Tellez@ventura.org

Notice

In accordance with General Order 96-B, Section IV, a copy of this supplemental advice letter is being sent electronically and via U.S. mail to service list for R.13-11-005 and A17-01-013. Address changes to the General Order 96-B service list should be directed to Alejandra Tellez at Alejandra.tellez@ventura.org or by calling 805-654-3835. For changes to all other service lists, please contact the Commission's Process Office at 415-703-2021 or by electronic mail at Process_Office@cpuc.ca.gov.

Alejandra Tellez

ALEJANDRA TELLEZ,
Program Management Analyst,
County Executive Office, County of Ventura
800 S. Victoria Avenue, L#1940, Ventura, CA 93009
Tel: 805-654-3835
E-mail: Alejandra.Tellez@ventura.org

For the 3C-REN, Tri-County Regional Energy Network

Tri-County Regional Energy Network (3C-REN)

Advice Letter 8-E-A/7-G-A

2022-2023 BBAL

Attachment A: ABAL Attachment A

Pa Name:	Tri-County Regional Energy Network
Budget Ye	2022-2023

Spending Budget Comparison

	2022	2023
Tab 3 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)	$ 9,674,349	$ 12,681,304
Tab 4 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)	$ 9,674,349	$ 12,681,304
Tab 7 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)	$ 9,674,349	$ 12,681,304
Tab 8 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)	$ 9,674,349	$ 12,681,304
Tab 9 - PA Spending Budget Request (PA Program and EM&V + CEC AB 841)	$ 9,674,349	$ 12,681,304
Difference	-	-

Revenue Requirement or Cost Recovery Comparison

	2022	2023
Tab 4 - PA Revenue Requirement Request	$ 9,596,698	$ 12,681,304
Tab 7 - PA Revenue Requirement Request (Cost Recovery)	$ 1,534,852	$ 7,764,417
Difference	8,061,845.76	4,916,887.71

	2022				2023			
Program Budget by Cost Category	**Admin**	**Mktg**	**DINI**	**DI Incentive**	**Admin**	**Mktg**	**DINI**	**DI Incentive**
Tab 4 - Program Budgets	$ 824,397	$ 411,071	$ 5,222,844	$ 2,829,063	$ 899,763	$ 424,445	$ 5,753,907	$ 5,095,937
Tab 8 - Caps & Targets	$ 824,397	$ 411,071	$ 5,222,844	$ 2,829,063	$ 899,763	$ 424,445	$ 5,753,907	$ 5,095,937
Difference	-	-	-	-	-	-	-	-
Tab 9 - Incentives Column, EE Total				$ 2,829,063				$ 5,095,937
Difference				-				-

Unspent/Uncommitted compared to CEC 2020 and beyond

	2022	2023
Tab 4 - CEC value 2020 and Beyond amount	$ -	$ -
Tab 3 - Table 3d - 2020 and 2021 Unspent/Uncommitted	$ 3,507,440	$ 4,916,888
Difference	(3,507,439.88)	(4,916,887.71)

	2022										
Portfolio Budget Total vs Budget by Function Summary Total	**Residential**	**Commercial**	**Industrial**	**Agricultural**	**Public**	**Emerging Tech**	**Codes & Standards**	**WE&T**	**Finance**	**Cross Cutting**	**OBF Loan Pool**
Tab 7 - PA Portfolio Budget by Function	$ 5,632,284.00	$ -	$ -	$ -	$0	$0	$1,807,045	$ 1,848,046.00	$ -	$ 3,655,091.00	$ -
Tab 9 - PA Portfolio Budget by Function	$ 5,632,284.00	$ -	$ -	$ -	$ -					$ 3,655,091.00	$ -
Difference	-	-	-	-	-					-	-

	2023										
	Residential	**Commercial**	**Industrial**	**Agricultural**	**Public**	**Emerging Tech**	**Codes & Standards**	**WE&T**	**Finance**	**Cross Cutting**	**OBF Loan Pool**
Tab 7 - PA Portfolio Budget by Function	$ 8,380,010.27	$ -	$ -	$ -	$0	$0	$ 1,884,021.00	$ 1,910,021.00	$ -	$ 3,794,042.00	$ -
Tab 9 - PA Portfolio Budget by Function	$ 8,380,010.27	$ -	$ -	$ -	$ -					$ 3,794,042.00	$ -
Difference	-	-	-	-	-					-	-

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
(This Table applies only to the IOU PAs)

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

* = Based on [relevant date] current effective rates

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

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

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
(This Table applies only to the IOU PAs)

Table 2a - Electric Bill Payer Impacts - Current and Proposed Revenues and Rates, Total and Energy Efficiency, by Customer Class

Customer Classes	2021 Proposed Energy Efficiency Electric Annual Revenue Change $000	2021 Proposed Percentage Change In Electric Revenue and Rates	2021 Electric Average Rate $/kWh	2021 Energy Efficiency Portion of Electric Average Rate $/kWh	2022 Proposed Energy Efficiency Electric Annual Revenue Change $000	2022 Proposed Percentage Change In Electric Revenue and Rates	2022 Electric Average Rate $/kWh	2022 Energy Efficiency Portion of Electric Average Rate $/kWh	2023 Proposed Energy Efficiency Electric Annual Revenue Change $000	2023 Proposed Percentage Change In Electric Revenue and Rates	2023 Electric Average Rate $/kWh	2023 Energy Efficiency Portion of Electric Average Rate $/kWh

* = Based on [relevant date] current effective rates

Table 2b - Gas Bill Payer Impacts - Current and Proposed Revenues and Rates, Total and Energy Efficiency, by Customer Class

Customer Classes	2021 Proposed Energy Efficiency Gas Annual Revenue Change $000	2021 Proposed Percentage Change In Gas Revenue and Rates	2021 Gas Average Rate $/kWh	2021 Energy Efficiency Portion of Gas Average Rate $/kWh	2022 Proposed Energy Efficiency Gas Annual Revenue Change $000	2022 Proposed Percentage Change In Gas Revenue and Rates	2022 Gas Average Rate $/kWh	2022 Energy Efficiency Portion of Gas Average Rate $/kWh	2023 Proposed Energy Efficiency Gas Annual Revenue Change $000	2023 Proposed Percentage Change In Gas Revenue and Rates	2023 Gas Average Rate $/kWh	2023 Energy Efficiency Portion of Gas Average Rate $/kWh

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023

Table 3 - Budget and Cost Recovery by Funding Source

Table 3a - PA Spending Budget Request by Funding Source

PA EE Programs and EM&V	2022	2023
Annual PA Spending Budget Request (Program and EM&V total)	$ 9,674,349	$ 12,681,304
CEC AB 841 Program Budget Request		
Applicable percentage of difference between funding limitation and 2020 budget (70% for 2022 and 60% for 2023) [1]	$ -	$ -
Plus 2020 and Beyond Uncommitted and Unspent Carryover Balance	$ -	$ -
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)	**$ 9,674,349**	**$ 12,681,304**

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

Table 3b - Budget by Funding Source

Portfolio Budget (Before Carryover)	2022 Budget	2022 %Allocation	2023 Budget	2023 %Allocation
Electric Procurement EE Funds	$ 7,739,479	80%	$ 10,145,044	80%
Gas PPP Surcharge Funds	$ 1,934,870	20%	$ 2,536,261	20%
Total Funds	**$ 9,674,349**		**$ 12,681,304**	

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

Authorized Funding in Rates (including Unspent/Uncommitted Funds)	2022 Revenue Requirement	2022 %Allocation after Carryover adjustment	2023 Revenue Requirement	2023 %Allocation after Carryover adjustment
Electric Procurement EE Funds	$ 1,227,882	80%	$ 6,211,533	80%
Gas PPP Surcharge Funds	$ 306,970	20%	$ 1,552,883	20%
Total Funds	**$ 1,534,852**		**$ 7,764,417**	

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

	2022			2023		
Program Unspent/Uncommitted Funds	**Electric**	**Gas**	**Total**	**Electric**	**Gas**	**Total**
Pre-2020	$ 3,586,265	$ 896,566	$ 4,482,831	$ -	$ -	$ -
2020	$ 2,805,952	$ 701,488	$ 3,507,440	$ -	$ -	$ -
2021	$ -	$ -		$ 3,933,510	$ 983,378	$ 4,916,888
2022 [2]				$ -	$ -	$ -
Total	$ 6,392,217	$ 1,598,054	$ 7,990,271	$ 3,933,510	$ 983,378	$ 4,916,888

	2022			2023		
EM&V Unspent/Uncommitted Funds	**Electric**	**Gas**	**Total**	**Electric**	**Gas**	**Total**
Pre-2020	$ 62,121	$ 15,530	$ 77,651	$ -	$ -	$ -
2020 [2]	$ 57,260	$ 14,315	$ 71,575	$ -	$ -	$ -
2021 [2]	$ -	$ -	$ -	$ -	$ -	$ -
2022 [2]				$ -	$ -	$ -
Total	$ 119,380	$ 29,845	$ 149,226	$ -	$ -	$ -

	2022			2023		
Total Unspent/Uncommitted Funds	**Electric**	**Gas**	**Total**	**Electric**	**Gas**	**Total**
Pre-2020	$ 3,648,386	$ 912,096	$ 4,560,482	$ -	$ -	$ -
2020 [2]	$ 2,863,212	$ 715,803	$ 3,579,014	$ -	$ -	$ -
2021 [2]	$ -	$ -	$ -	$ 3,933,510	$ 983,378	$ 4,916,888
2022 [2]				$ -	$ -	$ -
Total	$ 6,511,597	$ 1,627,899	$ 8,139,497	$ 3,933,510	$ 983,378	$ 4,916,888

Notes 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.

3C-REN's uncommitted/unspent funds in tables 3.c. and 3.d. are for the purposes of tracking 3C-REN's unspent/uncommitted funds from the Business Plan and ABAL approved budgets for PY 2019, 2020, and 2021. 3C-REN's uncommitted/unspent tables are not intended to directly inform or substitute for PG&E, SoCalGas and SCE's revenue and rates, as they maintain their own accounting.

3C-REN's uncommitted/unspent funds for PY 2019 and 2020 were applied to PY 2022; 3C-REN's projected uncommitted/unspent for 2021 are applied to PY 2023.

Table 3e - Total Requested 2022-2023 IOU Revenue Requirement - Demand Response & Energy Efficiency [1,2]

	2022				2023			
	Demand Response	**Energy Efficiency**			**Demand Response**	**Energy Efficiency**		
	Electric Demand Response Funds	**Electric Energy Efficiency Funds**	**Natural Gas Public Purpose Funds**	**Total Energy Efficiency Funds**	**Electric Demand Response Funds**	**Electric Energy Efficiency Funds**	**Natural Gas Public Purpose Funds**	**Total Energy Efficiency Funds**
Program Funds - PA [4]	$ -	$ 918,303	$ 229,576	$ 1,147,878	$ -	$ 5,805,732	$ 1,451,433	$ 7,257,165
Program Funds - CEC [5]		$ -	$ -	$ -		$ -	$ -	$ -
Program Funds - REN [5]		$ -	$ -	$ -		$ -	$ -	$ -
Program Funds - CCA [5]		$ -	$ -	$ -		$ -	$ -	$ -
EM&V [3]		$ 309,579	$ 77,395	$ 386,974		$ 405,802	$ 101,450	$ 507,252
Budget Total	**$ -**	**$ 1,227,882**	**$ 306,970**	**$ 1,534,852**	**$ -**	**$ 6,211,533**	**$ 1,552,883**	**$ 7,764,417**

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 REN and CCA information provided by all RENS and CCAs and is consistent with their respective ABALs. 3C-REN's unspent and uncommitted estimates are not used for revenue collection by the IOUs.

3 This represent total IOU+CCA+REN EM&V

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: Tri-County Regional Energy Network
Budget Year: 2022-2023
(report budgets to the $--do not round)

Table 4 – Budget, Spent, Unspent, Carryover Details

New/Existing Program #	Discontinued Program #	Program Name	Target Exempt	Program Type	Business Sector	Portfolio Segment	Pre-2020 Unspent/Uncommitted EE Funds [6]	2021 Authorized Budget	2021 Forecasted Unspent/ Uncommitted Funds as of 7/31/2021
	TCR-Res-001	Residential Direct Install	No	Core PA	Residential	Equity	$2,450,560	$5,914,078	$4,167,963
TCR-Res-002		Multifamily	No	Core PA	Residential	Equity	$0		
TCR-Res-003		Single Family NMEC	No	Core PA	Residential	Equity	$0		
TCR-CS-001		Codes & Standards	Yes	Core PA	Codes & Standards	Codes & Standards	$1,179,273	$1,404,181	$425,474
TCR-WET-001		Workforce Education & Training	Yes	Core PA	WE&T	Market Support	$852,999	$1,280,298	$323,450
		PA PROGRAM TOTAL					**$ 4,482,831**	**$ 8,598,557**	**$ 4,916,888**
		EM&V (PA & ED Portions) Total [5]							
		EM&V - PA							
		EM&V - ED							
		EM&V TOTAL							
		PA Program and EM&V Total					**$ 4,482,831**	**$ 8,598,557**	**$ 4,916,888**
		CEC AB 841 Program Budget--IOU PA only							
		Applicable Annual % of difference between funding limitation & 2020 EE ABAL budget 3							
		IOU 2020 and Beyond Uncommitted and Unspent Carryover Balance							
		CEC AB 841 Total							
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)							**$ 4,482,831**	**$ 8,598,557**	**$ 4,916,888**

		Financing Pilot Programs							
		Financing Pilot Programs Total					**$ -**	**$ -**	**$ -**

		ME&O & ESA							
		ME&O[1]							
		ESA2							

Notes: (PA to add as needed, e.g., relevant advice letter references, decision references and any other needed explanations.)
1. ME&O requested budget for 2021 per AL 3498-E/3835-G.
2. SDG&E Financing Administrative cost is per AL 3451-E-A/2818-G.
3. Per D.21-01-xxx, percentage allocation is 70% for 2022 and 60% for 2023. For SDG&E that base for calculation is $116-80.
4 Add footnote on Non-EE budgeted overheads.

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

[6] PAs have the option of inputting by program or by total

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
(report budgets to the $--do not round)

Table 4 – Budget, Spent, Unspent, Carryover Details

New/Existing Program #	Discontinued Program #	Program Name	2021 Budget Spent as of 07/31/2021	2022 Administrative	2022 Marketing/ Outreach	2022 Direct Implementation Non-Incentive	2022 Incentive/ Rebate	2022 PA Spending Budget Request	2022 PA 2020 Uncommitted and Unspent Carryover Balance	2022 PA Revenue Requirement Request	First Year Net KWH	First Year Net KW
	TCR-Res-001	Residential Direct Install	$ 790,159	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-
TCR-Res-002		Multifamily		$ 123,659.5000	$ 61,660.5000	$ 1,410,790.5000	$ 1,700,000.0000	$ 3,296,111	$ -	$ 3,296,110.5000	1,608,480.89	57.48
TCR-Res-003		Single Family NMEC		$ 123,659.5000	$ 61,660.5000	$ 1,021,790.5000	$ 1,129,063.0000	$ 2,336,174	$ -	$ 2,336,173.5000	471,750.00	217.01
TCR-CS-001		Codes & Standards	$ 586,574	$ 288,539.0000	$ 143,875.0000	$ 1,374,631.0000	$ -	$ 1,807,045	$ -	$ 1,807,045.000	-	-
TCR-WET-001		Workforce Education & Training	$ 623,970	$ 288,539.0000	$ 143,875.0000	$ 1,415,632.0000	$ -	$ 1,848,046	$ -	$ 1,848,046.000	-	-
				$ -	$ -	$ -		$ -		$ -		
				$ -	$ -	$ -		$ -		$ -		
		PA PROGRAM TOTAL	**$ 2,000,703**	**$ 824,397**	**$ 411,071**	**$ 5,222,844**	**$ 2,829,063**	**$ 9,287,375**	**$ 3,507,440**	**$ 9,287,375.000**	**2,080,230.89**	**274.49**
		EM&V (PA & ED Portions) Total [5]										
		EM&V - PA	$ -					$ 106,418	$ 77,651	$ 28,767		
		EM&V - ED	$ -					$ 280,556	$ -	$ 280,556		
		EM&V TOTAL	**$ -**					**$ 386,974**	**$ 77,651**	**$ 309,323**		
		PA Program and EM&V Total	**$ 2,000,703**	**$ 824,397**	**$ 411,071**	**$ 5,222,844**	**$ 2,829,063**	**$ 9,674,348.958**	**$ 3,585,091**	**$ 9,596,698**	**2,080,230.89**	**274.49**
		CEC AB 841 Program Budget--IOU PA only										
		Applicable Annual % of difference between funding limitation & 2020 EE ABAL budget 3						$ -		$ -		
		IOU 2020 and Beyond Uncommitted and Unspent Carryover Balance						$ -	$ -	$ -		
		CEC AB 841 Total						**$ -**	**$ -**	**$ -**		
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)			**$ 2,000,703**	**$ 824,397**	**$ 411,071**	**$ 5,222,844**	**$ 2,829,063**	**$ 9,674,349**	**$ 3,585,091**	**$ 9,596,698**	**2,080,230.89**	**274.49**

		Financing Pilot Programs										
								$ -		$ -		
								$ -		$ -		
								$ -		$ -		
								$ -		$ -		
								$ -		$ -		
								$ -		$ -		
								$ -		$ -		
		Financing Pilot Programs Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**-**	**-**

		ME&O & ESA										
		ME&O[1]						$ -		$ -		
		ESA2						$ -		$ -		
								$ -		$ -		

Notes: (PA to add as needed, e.g., relevant advice letter references, decision referenc
1. ME&O requested budget for 2021 per AL 3498-E/3835-G.
2. SDG&E Financing Administrative cost is per AL 3451-E-A/2818-G.
3. Per D.21-01-xxx, percentage allocation is 70% for 2022 and 60% for 2023. For SDC
4 Add footnote on Non-EE budgeted overheads.
[5] For all PAs, EM&V costs only includes IOU's Total EM&V budget (PA + ED). For the IC
[6] PAs have the option of inputting by program or by total

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
(report budgets to the $--do not round)

Table 4 – Budget, Spent, Unspent, Carryover Details

New/Existing Program #	Discontinued Program #	Program Name	First Year Net Therms (MM)	First Year Net Elec CO2 (ton)	First Year Net Gas CO2 (ton)	Lifecycle Net KWH	Lifecycle Net Therms (MM)	Lifecycle Net Elec CO2 (Ton)	Lifecycle Net Gas CO2 (Ton)	Administrative	Marketing/ Outreach	Direct Implementation Non-Incentive
	TCR-Res-001	Residential Direct Install	-	-	-	-	-	-	-	$ -	$ -	$ -
TCR-Res-002		Multifamily	0.07	343.23	600.54	24,127,213.35	1.10	7,523.70	9,008.04	$ 134,965	$ 63,667	$ 1,431,406
TCR-Res-003		Single Family NMEC	0.01	100.67	78.55	5,802,525.00	0.18	3,745.67	1,043.81	$ 134,965	$ 63,667	$ 1,455,406
TCR-CS-001		Codes & Standards	-	-	-	-	-	-	-	$ 314,917	$ 148,556	$ 1,420,548
TCR-WET-001		Workforce Education & Training	-	-	-	-	-	-	-	$ 314,917	$ 148,556	$ 1,446,548
		PA PROGRAM TOTAL	**0.09**	**443.90**	**679.09**	**29,929,738.35**	**1.28**	**11,269.37**	**10,051.85**	**$ 899,763**	**$ 424,445**	**$ 5,753,907**
		EM&V (PA & ED Portions) Total [5]										
		EM&V - PA										
		EM&V - ED										
		EM&V TOTAL										
		PA Program and EM&V Total	**0.09**	**443.90**	**679.09**	**29,929,738.35**	**1.28**	**11,269.37**	**10,051.85**	**$ 899,763**	**$ 424,445**	**$ 5,753,907**
		CEC AB 841 Program Budget--IOU PA only										
		Applicable Annual % of difference between funding limitation & 2020 EE ABAL budget 3										
		IOU 2020 and Beyond Uncommitted and Unspent Carryover Balance										
		CEC AB 841 Total										
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)			**0.09**	**443.90**	**679.09**	**29,929,738.35**	**1.28**	**11,269.37**	**10,051.85**	**$ 899,763**	**$ 424,445**	**$ 5,753,907**

		Financing Pilot Programs										
		Financing Pilot Programs Total	-	-	-	-	-	-	-	$ -	$ -	$ -

		ME&O & ESA										
		ME&O[1]										
		ESA2										

Notes: (PA to add as needed, e.g., relevant advice letter references, decision referenc
1. ME&O requested budget for 2021 per AL 3498-E/3835-G.
2. SDG&E Financing Administrative cost is per AL 3451-E-A/2818-G.
3. Per D.21-01-xxx, percentage allocation is 70% for 2022 and 60% for 2023. For SDC
4 Add footnote on Non-EE budgeted overheads.
[5] For all PAs, EM&V costs only includes IOU's Total EM&V budget (PA + ED). For the IC
[6] PAs have the option of inputting by program or by total

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
(report budgets to the $--do not round)

Table 4 – Budget, Spent, Unspent, Carryover Details

			2023									
New/Existing Program #	Discontinued Program #	Program Name	Incentive/Rebate	2023 PA Spending Budget Request	2023 PA 2021 *Projected* Uncommitted and Unspent Carryover Balance	2023 PA Revenue Requirement Request	First Year Net KWH	First Year Net KW	First Year Net Therms (MM)	First Year Net Elec CO2 (ton)	First Year Net Gas CO2 (ton)	Lifecycle Net KWH
	TCR-Res-001	Residential Direct Install	$ -	$ -	$ -	$ -	-	-	-	-	-	-
TCR-Res-002		Multifamily	$ 1,800,000	$ 3,430,037	$ -	$ 3,430,037	1,703,097.41	60.86	0.08	369.55	635.86	25,546,461.20
TCR-Res-003		Single Family NMEC	$ 3,295,937	$ 4,949,974	$ -	$ 4,949,974	1,414,825.00	650.82	0.04	319.71	235.59	17,402,347.50
TCR-CS-001		Codes & Standards	$ -	$ 1,884,021	$ -	$ 1,884,021	-	-	-	-	-	-
TCR-WET-001		Workforce Education & Training	$ -	$ 1,910,021	$ -	$ 1,910,021	-	-	-	-	-	-
				$ -		$ -	-	-	-	-	-	-
				$ -		$ -						
		PA PROGRAM TOTAL	**$ 5,095,937**	**$ 12,174,052**	**$ 4,916,888**	**$ 12,174,052**	**3,117,922.41**	**711.68**	**0.12**	**689.26**	**871.45**	**42,948,808.70**
		EM&V (PA & ED Portions) Total [5]										
		EM&V - PA		$ 139,494	$ -	$ 139,494						
		EM&V - ED		$ 367,758	$ -	$ 367,758						
		EM&V TOTAL		**$ 507,252**	**$ -**	**$ 507,252**						
		PA Program and EM&V Total	**$ 5,095,937**	**$ 12,681,304**	**$ 4,916,888**	**$ 12,681,304**	**3,117,922.41**	**711.68**	**0.12**	**689.26**	**871.45**	**42,948,808.70**
		CEC AB 841 Program Budget--IOU PA only										
		Applicable Annual % of difference between funding limitation & 2020 EE ABAL budget 3		$ -	$ -	$ -						
		IOU 2020 and Beyond Uncommitted and Unspent Carryover Balance		$ -	$ -	$ -						
		CEC AB 841 Total		**$ -**	**$ -**	**$ -**						
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)			**$ 5,095,937**	**$ 12,681,304**	**$ 4,916,888**	**$ 12,681,304**	**3,117,922.41**	**711.68**	**0.12**	**689.26**	**871.45**	**42,948,808.70**

		Financing Pilot Programs										
				$ -		$ -						
				$ -		$ -						
				$ -		$ -						
				$ -		$ -						
				$ -		$ -						
				$ -		$ -						
				$ -		$ -						
		Financing Pilot Programs Total	**$ -**	**$ -**	**$ -**	**$ -**	**-**	**-**	**-**	**-**	**-**	**-**

		ME&O & ESA										
		ME&O[1]		$ -		$ -						
		ESA2		$ -		$ -						
				$ -		$ -						

Notes: (PA to add as needed, e.g., relevant advice letter references, decision referenc
1. ME&O requested budget for 2021 per AL 3498-E/3835-G.
2. SDG&E Financing Administrative cost is per AL 3451-E-A/2818-G.
3. Per D.21-01-xxx, percentage allocation is 70% for 2022 and 60% for 2023. For SDC
4 Add footnote on Non-EE budgeted overheads.
[5] For all PAs, EM&V costs only includes IOU's Total EM&V budget (PA + ED). For the IC
[6] PAs have the option of inputting by program or by total

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
(report budgets to the $--do not round)

Table 4 – Budget, Spent, Unspent, Carryover Details

New/Existing Program #	Discontinued Program #	Program Name	Lifecycle Net Therms (MM)	Lifecycle Net Elec CO2 (Ton)	Lifecycle Net Gas CO2 (Ton)
	TCR-Res-001	Residential Direct Install	-	-	-
TCR-Res-002		Multifamily	1.17	8,096.69	9,537.93
TCR-Res-003		Single Family NMEC	0.54	11,517.55	3,130.49
TCR-CS-001		Codes & Standards	-	-	-
TCR-WET-001		Workforce Education & Training	-	-	-
			-	-	-
		PA PROGRAM TOTAL	**1.70**	**19,614.24**	**12,668.42**
		EM&V (PA & ED Portions) Total [5]			
		EM&V - PA			
		EM&V - ED			
		EM&V TOTAL			
		PA Program and EM&V Total	**1.70**	**19,614.24**	**12,668.42**
		CEC AB 841 Program Budget--IOU PA only			
		Applicable Annual % of difference between funding limitation & 2020 EE ABAL budget 3			
		IOU 2020 and Beyond Uncommitted and Unspent Carryover Balance			
		CEC AB 841 Total			
PA Spending Budget Request (PA Program and EM&V + CEC AB 841)			**1.70**	**19,614.24**	**12,668.42**

		Financing Pilot Programs			
		Financing Pilot Programs Total	**-**	**-**	**-**

		ME&O & ESA			
		ME&O[1]			
		ESA2			

Notes: (PA to add as needed, e.g., relevant advice letter references, decision referenc
1. ME&O requested budget for 2021 per AL 3498-E/3835-G.
2. SDG&E Financing Administrative cost is per AL 3451-E-A/2818-G.
3. Per D.21-01-xxx, percentage allocation is 70% for 2022 and 60% for 2023. For SDC
4 Add footnote on Non-EE budgeted overheads.
[5] For all PAs, EM&V costs only includes IOU's Total EM&V budget (PA + ED). For the IC
[6] PAs have the option of inputting by program or by total

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023

Table 4.1– 2022- 2023 Program Changes

(report budgets to the $--do not round; add rows as needed)

Programs to be closed with the disposition of 2022-2023 BBAL — **Programs with enhanced budgets (>40% budget increase)**

PA Justification	Third Party Implementer or Core	Statewide or Local	Programs to be Closed with the Disposition of 2022-2023 ABAL	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC
The Residential DI program was 3C-REN's first resource program. It launch in March 2020, at the start of the pandemic and faced barriers from the start. Envisioned as a direct install to co-pay program, the large majority of projects in 2020 and 2021 were DI-only. The DI measures forecast when the program was first proposed in 2017 Business Plan have mostly been retired from the DEER list with those remaining scheduled to be retired by 2022, leaving only shower heads and faucet aerators as low cost energy efficient measures remaining on the list to be installed. Additionally, because of the focus on HTR and DAC communities, which were impacted most by the COVID pandemic, the potential for DI-to-copay opportunities have greatly diminished since customers do not have the disposable income to invest in energy efficiency beyond what is being provided at no cost.	Core	Local	TCR-Res-001	100.00%	0.13	0.25	0.00	0.00

Programs to be closed upon completion of commitments

PA Justification	Third Party Implementer or Core	Statewide or Local	Programs to be Closed with the Disposition of 2022-2023 ABAL	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC

4.1 Program Changes

2021 Budget	2022 Budget	2023 Budget	Year Program Started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts' ramp up
$ 5,914,078	$ -	$ -	2020	n/a	n/a

2021 Budget	2022 Budget	2023 Budget	Year Program Started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL planning and new 3P contracting	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts' ramp up

PA Justification	Third Party Implementer or Core	Statewide or Local	Programs to be Closed with the Disposition of 2022-2023 ABAL	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC

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

PA justification	Third party implementer or Core	Statewide	Programs with reduced budgets (>40% budget decrease)	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC

Programs with enhanced budgets (>40% budget increase)

PA justification	Third party implementer or Core	Statewide	Programs with enhanced budgets (>40% budget increase)	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC

Programs that are new in 2022 or 2023

4.1 Program Changes

2021 Budget	2022 Budget	2023 Budget	Year Program Started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts' ramp up

2021 Budget	2022 Budget	2023 Budget	Year program started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL planning and new 3P contracting	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts ramp up , or mark "NEW 3P" program if program is result of 3P solicitation process per D1801004.

2021 Budget	2022 Budget	2023 Budget	Year program started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL planning and new	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts ramp up , or mark "NEW 3P" program if program is result of 3P solicitation process per D1801004.

4.1 Program Changes

PA Justification	Third Party Implementer or Core	Statewide or Local	Programs to be Closed with the Disposition of 2022-2023 ABAL	% change	2020 Claimed TRC	2021 (Q2) Claimed TRC	2022 Filed TRC	2023 Filed TRC
PA justification	**Third party implementer or Core**	**Statewide**	**Programs that are new in 2022 or 2023**				**2022 Filed TRC**	**2023 Filed TRC**
In 2021 3C-REN conducted research and surveys to explore possible approaches to multifamily program implementation. Once the research was completed, 3C-REN solicited proposals for implementation of two separate programs, one to serve multifamily and the other to serve single family customers. The research and development, solicitations, program design and program development where funded from the original TCR-Res-001 program which is being proposed to be closed. The new proposed multifamily program will include incentives to be paid to property owners/managers of multifamily buildings properties with five or more units. The program includes site assessments, technical assistance, and a rebate structure that is based on the number of units in the complex. To qualify for the rebates, there are minimum GHG savings per apartment requirements that are calculated based on energy upgrade plans. The incentive structure also includes enhanced incentives for underserved properties and adders for higher performance measures, such as heat pumps.	Core	No	TCR-Res-002				0.61	0.65
In 2021 3C-REN conducted research and surveys to explore possible approaches to single family taking into account the lessons learned from TCR-Res-001 program implementation. Once the research was completed, 3C-REN solicited proposals for implementation to serve single family customers. The research and development, solicitations, program design and program development where funded from the original TCR-Res-001 program which is being proposed to be closed. The new single family program will deliver measurable energy savings targeted towards Hard to Reach (HTR) single-family households in the 3C-REN service territory. Savings will be claimed using a population Normalized Metered Energy Consumption (NMEC) Measurement and Verification (M&V) platform. The program implementer, will deliver energy upgrades utilizing a network of energy efficiency installers (aggregators) who will be paid incentives based on the metered savings achieved with their installations. Performance incentives will push aggregators to maximize both customer savings and grid benefits.	Core	No	TCR-Res-003				0.35	0.53

2021 Budget	2022 Budget	2023 Budget	Year Program Started	For existing third party implemented programs, MM/YY Program was due to sunset prior to PY 2022-2023 ABAL	For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts' ramp up
2021 Budget	**2022 Budget**	**2023 Budget**	**MM/YY program to start**	**MM/YY Program is due to sunset; and flag as "NEW 3P" program if program is result of 3P solicitation process**	**For existing third party implemented programs, MM/YY Program is extended to as a result of PY 2022-2023 ABAL planning and timing for new 3P contracts ramp up , or mark "NEW 3P" program if program is result of 3P solicitation process per D1801004**
$ -	$ 2,868,680	$ 3,203,325	10/12/2021	n/a	[redacted]
$ -	$ 828,608	$ 2,646,474	1/1/2021	n/a	

Pa Name:	Tri-County Regional Energy Network
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 Category	Electric Procurement Funds	Natural Gas Public Purpose Funds	Total
2017 to date EM&V Funds	$0	$0	$0
2017 to date Program Funds - Utility	$0	$0	$0
2017 to date Program Funds - REN	$0	$0	$0
2017 to date Program Funds - CCA	$0	$0	$0
2018 to date EM&V Funds	$0	$0	$0
2018 to date Program Funds - Utility	$0	$0	$0
2018 to date Program Funds - REN	$0	$0	$0
2018 to date Program Funds - CCA	$0	$0	$0
2019 to date EM&V Funds	$0	$0	$0
2019 to date Program Funds - Utility	$0	$0	$0
2019 to date Program Funds - REN	$0	$0	$0
2019 to date Program Funds - CCA	$0	$0	$0
2020 to date EM&V Funds	$0	$0	$0
2020 to date Program Funds - Utility	$0	$0	$0
2020 to date Program Funds - REN	$0	$0	$0
2020 to date Program Funds - CCA	$0	$0	$0
2021 to date EM&V Funds	$78,648	$19,662	$98,310
2021 to date Program Funds - Utility	$0	$0	$0
2021 to date Program Funds - REN	$420,000	$105,000	$525,000
2021 to date Program Funds - CCA	$0	$0	$0

Pa Name: Tri-County Regional Energy Network
Budget Year 2022-2023

Table 6 - Statewide Programs

(Col D)*(IOU 'Electric Proportional Share' from INPUT TABLE) + [(1-Col D)*(IOU 'Gas Proportional Share' from INPUT TABLE)]

								Col D	Col E	Col F	Col G	Col H																					
Statewide Program*	**Lead IOU**	**2020 Program Contract Budget (Total for all IOUs)****	**2021 Program Contract Budget (Total for all IOUs)****	**2022 Program Contract Budget (Total for all IOUs)****	**2023 Program Contract Budget (Total for all IOUs)****	**Expected or Actual Contract Execution Launch Date (MM/YYYY)*****	**Annual Program Contract Budget After Launch****	**Percent Electric**	**Combined (Electric & Gas) Proportional Contribution to Contract Cost per Load-Share** (Either as reflected in co-funding agreement, or expected in co-funding agreement. Funding share may be within +/-20% of Target per formula in row 1 above)				**2020 Program Contract Expenditures by IOU****				**2020 IOU Administrative Expenditures^**				**2021 Total Program Contract Expenditures, as Reported by Lead IOU** (YTD as of July 31, 2021)**	**2021 IOU Administrative Expenditures (YTD as of July 31, 2021)^**				**2022 IOU Administrative Budgets^**				**2023 IOU Administrative Budgets^**			
									PG&E	**SDG&E**	**SCE**	**SCG**	**PG&E**	**SDG&E**	**SCE**	**SCG**	**PG&E**	**SDG&E**	**SCE**	**SCG**	**2021 Total Contract Expenditures**	**PG&E**	**SDG&E**	**SCE**	**SCG**	**PG&E**	**SDG&E**	**SCE**	**SCG**	**PG&E**	**SDG&E**	**SCE**	**SCG**
Workforce education, and training: Career and workforce readiness	PG&E																															
Res New Construction																																
NonRes New Construction																																
Codes and Standards Advocacy																																
Institutional Partnerships, DGS & Dept of Corrections																																
WE&T K-12 Connections																																
Water/wastewater pumping	SCE																															
Lighting (Upstream)																																
ETP, electric																																
Institutional Partnerships, UC/CSU/CCC																																
ETP, gas	SCG																															
Food Service POS																																
Midstream Comm Water Heating																																
Res HVAC QI/QM	SDG&E																															
Plug Load and Appliance																																
Upstream HVAC (Comm + Res)																																
Total		$ -	$ -	$ -	$ -		$ -						$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

*Modify rows as needed to reflect consolidation or division of a program category per solicitation approach or contracts. Ultimately there should be one line per executed 3P contract.
The contract budget or signed contract amount **for a given year accounts for the anticipated launch date of the program. **Program contract budgets reflect third party implementation contract values and expenditures.**
^ Administrative budgets for statewide programs are IOU specific and are filed under separate program IDs. They include 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 90-days, where applicable.

BP Decision (D.18-05-041): OP 23. The 25 percent requirement for statewide funding articulated in D.16-08-019 shall be calculated as a proportion of the utility program administrator's total portfolio budget, including evaluation, measurement, and verification funding, but excluding funding allocated 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 15 percent, but remain 25 percent for the other utility program administrators consistent with D.16-08-019.

INPUT TABLE: DO NOT MODIFY

IOU	Percent PPP Electric	Percent PPP Gas			Electric Proportional Share	Gas Proportional Share
PG&E	80%	20%			44.4%	50.4%
SDG&E	90%	10%			15.5%	7.8%
SCE	100%	0%			40.1%	0.0%
SoCalGas	0%	100%			0.0%	41.8%

ADVICE LETTER 3268-E-A/2701-G-A
(San Diego Gas & Electric Company - U902 M)
ADVICE LETTER 5346-G-A
(Southern California Gas Company - U904 G)
ADVICE LETTER 3861-E-A
(Southern California Edison Company - U338 E)
ADVICE LETTER 5373-E-A/4009-G-A
(Pacific Gas & Electric Company – U39 M)

Pa N Tri-County Regional Energy Network
Budg 2022-2023

Table 7 - PA Program Year Budget Savings

Line	Sector	Program Year (PY) 2022 Budget	FORECAST ENERGY SAVINGS (Net) PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2	Program Year (PY) 2023 Budget	FORECAST ENERGY SAVINGS (Net) PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2
	Resource Acquisition Program Segment												
	Residential	$0	-	-	-	-	-	$0	-	-	-	-	-
	Commercial	$0	-	-	-	-	-	$0	-	-	-	-	-
	Industrial	$0	-	-	-	-	-	$0	-	-	-	-	-
	Agricultural	$0	-	-	-	-	-	$0	-	-	-	-	-
	Emerging Tech	$0	-	-	-	-	-	$0	-	-	-	-	-
	Public	$0	-	-	-	-	-	$0	-	-	-	-	-
1	WE&T	$0	-	-	-	-	-	$0	-	-	-	-	-
2	Finance	$0	-	-	-	-	-	$0	-	-	-	-	-
3	OBF Loan Pool	$0	-	-	-	-	-	$0	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$0**	-	-	-	-	-	**$0**	-	-	-	-	-
	Resource Acquisition Forecasted Total System Benefit (TSB)	$0						$0					
	Resource Acquisition Forecasted Total Resource Cost (TRC)	0.00						0.00					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.00						0.00					
	Market Support Program Segment												
	Residential	$0	-	-	-	-	-	$0	-	-	-	-	-
	Commercial	$0	-	-	-	-	-	$0	-	-	-	-	-
	Industrial	$0	-	-	-	-	-	$0	-	-	-	-	-
	Agricultural	$0	-	-	-	-	-	$0	-	-	-	-	-
	Emerging Tech	$0	-	-	-	-	-	$0	-	-	-	-	-
	Public	$0	-	-	-	-	-	$0	-	-	-	-	-
1	WE&T	$1,848,046	-	-	-	-	-	$1,910,021	-	-	-	-	-
2	Finance	$0	-	-	-	-	-	$0	-	-	-	-	-
3	OBF Loan Pool	$0	-	-	-	-	-	$0	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$1,848,046**	-	-	-	-	-	**$1,910,021**	-	-	-	-	-
	Resource Acquisition Forecasted Total System Benefit (TSB)	$0						$0					
	Portfolio Forecasted Total Resource Cost (TRC)	0.00						0.00					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.00						0.00					
	Equity Program Segment												
	Residential	$5,632,284	2,080,231	274	0.09	444	679	$8,380,010	3,117,922.41	711.68	0.12	689.26	871.45
	Commercial	$0	-	-	-	-	-	$0	-	-	-	-	-
	Industrial	$0	-	-	-	-	-	$0	-	-	-	-	-
	Agricultural	$0	-	-	-	-	-	$0	-	-	-	-	-
	Emerging Tech	$0	-	-	-	-	-	$0	-	-	-	-	-
	Public	$0	-	-	-	-	-	$0	-	-	-	-	-
1	WE&T	$0	-	-	-	-	-	$0	-	-	-	-	-

Line	Sector	Program Year (PY) 2022 Budget	FORECAST ENERGY SAVINGS (Net) PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2	Program Year (PY) 2023 Budget	FORECAST ENERGY SAVINGS (Net) PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2
2	Finance	$0	-	-	-	-	-	$0	-	-	-	-	-
3	OBF Loan Pool	$0	-	-	-	-	-	$0	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$5,632,284**	**2,080,231**	**274**	**0.09**	**444**	**679**	**$8,380,010**	**3,117,922**	**712**	**0.12**	**689**	**871**
	Resource Acquisition Forecasted Total System Benefit (TSB)	$3,697,288						$5,849,799					
	Portfolio Forecasted Total Resource Cost (TRC)	0.50						0.57					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.67						0.71					
	Portfolio												
	Residential	$5,632,284	2,080,231	274	0.09	444	679	$8,380,010	3,117,922.41	711.68	0.12	689.26	871.45
	Commercial	$0	-	-	-	-	-	$0	-	-	-	-	-
	Industrial	$0	-	-	-	-	-	$0	-	-	-	-	-
	Agricultural	$0	-	-	-	-	-	$0	-	-	-	-	-
	Emerging Tech	$0	-	-	-	-	-	$0	-	-	-	-	-
	Public	$0	-	-	-	-	-	$0	-	-	-	-	-
1	WE&T	$1,848,046	-	-	-	-	-	$1,910,021	-	-	-	-	-
2	Finance	$0	-	-	-	-	-	$0	-	-	-	-	-
3	OBF Loan Pool	$0	-	-	-	-	-	$0	-	-	-	-	-
4	**PA Subtotal (does not include ESA budget and savings)**	**$7,480,330**	**2,080,231**	**274**	**0.09**	**444**	**679**	**$10,290,031**	**3,117,922**	**712**	**0.12**	**689**	**871**
5	**CPUC Savings Goal (w/o C&S)**		2,080,231	274	0.09	444	679		3,117,922	712	0.12	689	871
6	**Forecast savings as % of CPUC Savings Goal (w/o C&S)**	NA	100.0%	100.0%	100.0%	100.0%	100.0%	NA	100.0%	100.0%	100.0%	100.0%	100.0%
7	**Total EM&V** [7]	$386,974						$507,252					
7a	PA EM&V	$106,418						$139,494					
7b	ED EM&V	$280,556						$367,758					
	Portfolio Forecasted Total System Benefit (TSB)	$3,697,288						$5,849,799					
	Portfolio Forecasted Total Resource Cost -TRC (w/o C&S and w/ EM&V)	0.39						0.46					
	Portfolio Forecasted Portfolio Administrator Cost (PAC)	0.39						0.47					
	Portfolio Forecasted Ratepayer Impact Measure (RIM)	0.39						0.47					
8	**Codes and Standards**	$1,807,045						$1,884,021					
9	**PA Spending Budget Request**[1]	$9,674,349						$12,681,304					
10	**(LESS) PA Uncommitted and Unspent Carryover Balance**[2]	$8,139,497						$4,916,888					
11	**CEC AB 841 Program Funding** [3]												
12	Applicable percentage (70%) of difference between funding limitation and 2020 budget	$0						$0					
13	PA 2020 and Beyond Uncommitted and Unspent Carryover Balance [4]	$0						$0					
14	**CEC AB 841 Total Program Funding**	$0						$0					
15	**PA Revenue Requirement Request (Cost Recovery)** [5]	$1,534,852						$7,764,417					

Line	Sector	Program Year (PY) 2022 Budget	FORECAST ENERGY SAVINGS (Net)					Program Year (PY) 2023 Budget	FORECAST ENERGY SAVINGS (Net)				
			PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2		PA forecast kWh	PA forecast kW	PA forecast therms (MM)	PA Forecast Elec CO2	PA Forecast GasCO2
	% of Equity and Market Support Program Budgets to PA Spending Budget Request (not	77%						81%					
16	**PA Authorized Budget Cap (D.18-05-041)**	$6,929,393						$7,206,568					
	For CCA & RENS in IOU Service Territory Only--(IOU PA Only to complete)												
21	**REN Budget Recovery Request**	$0						$0					
21a	BayREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	-						-					
21b	SoCal REN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	-						-					
21c	3CREN PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	-						-					
21d	RCEA PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	-						-					
22	**CCA Budget Recovery Request**	$0						$0					
22a	MCE PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	-						-					
22b	Lancaster PY Budget Recovery Request (excl. REN Uncommitted/Unspent Carryover)	-						-					
	Redwood Coast Energy Authority (excl. REN Uncommitted/Unspent Carryover)	-						-					
	San Jose Clean Energy (excl. REN Uncommitted/Unspent Carryover)	-						-					
17	**Total PA (IOU+CCAs+RENs) Recovery Budget[6]**	$1,534,852						$7,764,417					

[1] This is 3C-REN's requested EE Portfolio budget.

[2] The balance of unspent uncommitted must reflect the total unspent uncommitted from pre-2020 EE authorized budgets Jan 1 2018 through Dec 31 of current year (PY-1). For PY 2022, this includes unspent/uncommitted for PY 2019-2020. Fro PY 2023, this includes projected unspent/uncommitted for PY 2021. Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed. AB 841 does not apply to RENs; therefore these amounts include 2020 and Beyond Uncommitted and Unspent Carryover.

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

[4] Because each ABAL is filed in Q3, this unspent uncommitted amount will be an estimate for the year in which the ABAL is filed.

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

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

[7] For 3C-REN, the total EM&V includes EM&V-PA Budget and EM&V-ED with the understanding that EM&V-ED will remain with the IOUs.

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
Table 8 - Caps & Targets

		2022 Energy Efficiency Cap And Target Expenditur		
		Expenditures		
Line	Budget Category	**Non-Third Party Qualifying Costs** (including PA costs and old-definition 3P/GP contracts that don't meet the new definition)	**Third Party Qualifying Costs** [2] (Local SW, CEC & AB 841)	**Total Portfolio**
1	**Administrative Costs**			
2	PA [1]	$ 247,299		$ 247,299
3	Non-PA Third Party & Partnership [2]	$ 20	$ -	$ 20
4	PA & Non-PA Target Exempt Programs [3]	$ 577,078	$ -	$ 577,078
5	**Marketing and Outreach Costs** [4]			
6	Marketing & Outreach	$ 411,071	$ -	$ 411,071
7	Statewide Marketing & Outreach [5]	$ -		$ -
8	**Direct Implementation Costs**			
9	Direct Implementation (Incentives and Rebates)	$ 2,829,063	$ -	$ 2,829,063
10	Direct Implementation (Non Incentives and Non Rebates)	$ 2,432,581	$ -	$ 2,432,581
11	Direct Implementation Target Exempt Programs (Non Incentives and Non Rebates) [3]	**$ 2,790,263**	$ -	$ 2,790,263
12	**EM&V Costs (PA and Energy Division)** [6,7]	**$ 386,974**		$ 386,974
12a	EM&V - PA	$ 106,418		$ 106,418

12b	EM&V - ED	$ 280,556		$ 280,556
13	**Total Portfolio Budget (includes PA Program and EM&V Budget + SW ME&O) [8]**	**$ 9,674,349**	**$ -**	**$ 9,674,349**
14	**CEC AB 841 (per CPUC Code Section 1613 counts as a Third Party Program as defined in D.18-08-019, OP 10)**		**$ -**	**$ -**
15	**PA Spending Budget Request (PA Program and EM&V + CEC AB 841) [9]**			**$ 9,674,349**
16	**Total Third-Party Implementer Contracts + CEC AB 841 (as defined per D.16-08-019, OP 10 and D.21-01-xxx OP) [10, 11]**		**$ -**	

Notes:

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 un 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 E program, 3P Placeholder for Public LGPs, and Codes & Standards programs (excluding Building Codes Advocacy, Appliance Standards Advo 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. 8
5. Statewide ME&O budgets for October 2019 through 2021 were requested in Advice Letter 4098-G/5544-E and supplements, and are pendi 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 & and EM&V-ED = $0 .
7. The EM&V percentage is based on PA's total portfolio budget of $X, which excludes SWME&O, RENs, CCAs and CEC AB 841. This is the 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 CC 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 ex CCA. This is the Total in line 15 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 sta incentive budgets.

e Projections			2023 Energy Efficiency Cap And Target Expenditure Projections					
Cap & Target Performance			Expenditures			Cap & Target Performance		
Percent of Budget [8]	Cap %	Target %	Non-Third Party Qualifying Costs (including PA costs and old-definition 3P/GP contracts that don't meet the new definition)	Third Party Qualifying Costs [2] (including SW)	Total Portfolio	Percent of Budget [8]	Cap %	Target %
2.6%	10.0%		$ 269,909		$ 269,909	2.8%	10.0%	
0.0%		10.0%	$ 20	$ -	$ 20	0.0%		10.0%
			$ 629,834	$ -	$ 629,834			
4.2%		6.0%	$ 424,445	$ -	$ 424,445	4.4%		6.0%
			$ -		$ -			
			$ -	$ 5,095,937	$ 5,095,937			
25.1%		20.0%	$ 2,886,811	$ -	$ 2,886,811	29.8%		20.0%
			$ 2,867,096	$ -	$ 2,867,096			
4.2%	4.0%		**$ 507,252**		$ 507,252	4.1%	4.0%	
			$ 139,494		$ 139,494			

	$ 367,758		$ 367,758		
	$ 7,585,367	**$ 5,095,937**	**$ 12,681,304**		
		$ -	**$ -**		
			$ 12,681,304		
0.0%	**60.0%**		**$ 5,095,937**	**40.2%**	**60.0%**

ıder the "Non-Third Party

Energy Resources (SER)
ɔcacy and National Standards

2.
ng approval. The amount in

CCAs, include EM&V-PA Budget

e Total in line 13, minus

A budgets and is the

xcluding SWME&O, REN, and

tewide qualifying contract and

Functions Definitions

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
FUNCTION DEFINITIONS

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

Functions Definitions

IT	IT project specific costs and regular O&M	IT - project specific	Projects and minor enhancements. Includes project management/business integration ("PMO/BID"). Excluded: maintenance (which SCE defines as when something goes down, normal batch processing, verifying interfaces, etc.).
		IT - regular O&M	
Call Center	Costs associated with call center staff fielding EE program questions	Call Center	
Incentives	Costs of rebate and incentive payments to customers	Incentives	

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023

PORTFOLIO SUMMARY

	2020 EE Portfolio Expenditures				2022 EE Portfolio Budget		
Sector	Labor	Non-Labor (excl. Incentives)	Incentives	Total	Labor	Non-Labor (excl. Incentives)	Incentives
Residential	$ 414,304.58	$ 574,748.32	$ 2,000.00	**$ 991,052.90**	$ 1,013,991.00	$ 1,789,230.00	$ 2,829,063.00
Commercial				$ -			$ -
Industrial				$ -			$ -
Agricultural				$ -			$ -
Public				$ -			$ -
Cross Cutting*	$ 945,053.57	$ 819,076.05		**$ 1,764,129.62**	$ 968,006.00	$ 2,687,085.00	$ -
Total Sector Budget	$ 1,359,358.15	$ 1,393,824.37	$ 2,000.00	**$ 2,755,182.52**	$ 1,981,997.00	$ 4,476,315.00	$ 2,829,063.00
EM&V-PA			$ 104.50	**$ 104.50**	$ -	$ 106,417.84	$ -
EM&V-ED				$ -	$ -	$ 280,556.12	$ -
OBF - Loan Pool**				$ -			$ -
CEC AB841				$ -	$ -	$ -	$ -
PA Spending Budget Request (PA Program and EI	**$ 1,359,358.15**	**$ 1,393,824.37**	**$ 2,104.50**	**$ 2,755,287.02**	**$ 1,981,997.00**	**$ 4,863,288.96**	**$ 2,829,063.00**

* Cross Cutting Sector includes Codes & Standards, Emerging Technologies, Workforce Education & Training, Finance.

** For SDG&E and SCG the loan pool is not part of the authorized EE portfolio budget and is collected and tracked through a separate balancing account.

Pa Name:
Budget Year:
PORTFOLIO SUMMARY

		2023 EE Portfolio Budget				2020 EE Portfolio Sa	
Sector	Total	Labor	Non-Labor (excl. Incentives)	Incentives	Total	KWH	KW
Residential	**$ 5,632,284.00**	$ 1,064,669.00	$ 2,219,404.00	$ 5,095,937.27	**$ 8,380,010.27**	19,556	-
Commercial	**$ -**			$ -	**$ -**	-	-
Industrial	**$ -**			$ -	**$ -**	-	-
Agricultural	**$ -**			$ -	**$ -**	-	-
Public	**$ -**			$ -	**$ -**	-	-
Cross Cutting*	**$ 3,655,091.00**	$ 1,084,805.00	$ 2,709,237.00	$ -	**$ 3,794,042.00**	-	-
Total Sector Budget	**$ 9,287,375.00**	$ 2,149,474.00	$ 4,928,641.00	$ 5,095,937.27	**$ 12,174,052.27**	19,556	-
EM&V-PA	**$ 106,417.84**	$ -	$ 139,494.35	$ -	**$ 139,494.35**		
EM&V-ED	**$ 280,556.12**	$ -	$ 367,757.82	$ -	**$ 367,757.82**		
OBF - Loan Pool**	**$ -**			$ -	**$ -**		
CEC AB841	**$ -**	$ -	$ -	$ -	**$ -**		
PA Spending Budget Request (PA Program and EI	**$ 9,674,348.96**	**$ 2,149,474.00**	**$ 5,435,893.17**	**$ 5,095,937.27**	**$ 12,681,304.44**	**19,556.00**	**-**

* Cross Cutting Sector includes Codes & Standard

** For SDG&E and SCG the loan pool is not part c

Pa Name:
Budget Year:
PORTFOLIO SUMMARY

	vings	2022 EE Portfolio Forecasted Savings			2023 EE Portfolio Forecasted Savings		
Sector	MMTHERMS	KWH	KW	MTHERMS	KWH	KW	MTHERMS
Residential	0.002	2,080,231	274	0	3,117,922	712	0
Commercial	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-
Agricultural	-	-	-	-	-	-	-
Public	-	-	-	-	-	-	-
Cross Cutting*	-	-	-	-	-	-	-
Total Sector Budget	0.002	2,080,231	274	0	3,117,922	712	0
EM&V-PA							
EM&V-ED							
OBF - Loan Pool**							
CEC AB841							
PA Spending Budget Request (PA Program and EI	**0.002**	**2,080,231**	**274**	**0**	**3,117,922**	**712**	**0**

* Cross Cutting Sector includes Codes & Standard
** For SDG&E and SCG the loan pool is not part c

10 Portfolio FTE

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023

PORTFOLIO STAFFING

Functional Group	2020 EE Portfolio FTE (2)	2022 EE Portfolio FTE (2)	2023 EE Portfolio FTE (2)
Policy, Strategy, and Regulatory Reporting Compliance	0.9	1.0	1.0
Program Management	3.1	3.0	3.0
Engineering Services			
Customer Application/Rebate/Incentive Processing			
Customer Project Inspections		1.0	1.0
Portfolio Analytics (1)	2.4	2.5	2.5
EM&V			
ME&O (Local)			
Account Management / Sales			
IT	1.7	1.0	1.5
Call Center			
Total	8.0	8.5	9.0

Notes:
(1) SDG&E does not have a Portfolio Analytics group. Each group performs their own analytics.
(2) FTE is equal to productive labor of 1788 hour per year.

Pa Name: Tri-County Regional Energy Network
Budget Ye 2022-2023
RESIDENTIAL BUDGET DETAIL

Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Residential	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance	$ 94,359.150	$ 138,726.000	$ 145,662.000
		Program Management	$ 154,084.410	$ 320,216.000	$ 336,232.000
		Engineering services			
		Customer Application/Rebate/Incentive Processing			
		Customer Project Inspections			
		Portfolio Analytics	$ 95,289.700	$ 229,174.000	$ 240,614.000
		ME&O (Local)		$ 232,294.000	$ 243,901.000
		Account Management / Sales			
		IT	$ 70,571.320	$ 93,581.000	$ 98,260.000
		Call Center			
	Labor Total		**$ 414,304.580**	**$ 1,013,991.000**	**$ 1,064,669.000**
	Non-Labor	Third-Party Implementer (as defined per D.16-08-019, OP 10)			
		Local/Government Partnerships Contracts (3)			
		Other Contracts			
		Program Implementation	$ 237,107.070	$ 1,378,410.000	$ 1,804,571.000
		Policy, Strategy, and Regulatory Reporting Compliance	$ 215,639.000	$ 112,500.000	$ 112,500.000
		Program Management			
		Engineering services			
		Customer Application/Rebate/Incentive Processing		$ 175,000.000	$ 175,000.000
		Customer Project Inspections			
		Portfolio Analytics	$ 29,413.820		
		ME&O (Local)	$ 92,588.430	$ 123,320.000	$ 127,333.000
		Account Management / Sales			
		IT (4)			
		Call Center			
		Facilities			
		Incentives--(PA-implemented and Other Contracts Program Implem	$ 2,000.000	$ 2,829,063.000	$ 5,095,937.270
		Incentives--Third Party Program (as defined per D.16-08-019, OP 10)			
	Non-Labor Total		**$ 576,748.320**	**$ 4,618,293.000**	**$ 7,315,341.270**
Residential Total			**$ 991,052.900**	**$ 5,632,284.000**	**$ 8,380,010.270**
	Other (collected throug	Labor Overheads			
			$ -	$ -	$ (0.00)

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".

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
COMMERCIAL BUDGET DETAIL

Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Commercial	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance			
		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		$ -	$ -	$ -
Commercial Total (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".
(5) Under the previous program categories the following programs were classified as Cross Cutting: 3P-IDEEA, Local-IDSM-ME&O-Local Marketing (EE), SW-IDSM-IDSM. These are included in Table 16 Cross Cutting. These three programs are now classified as Commercial with the elimination of Cross Cutting programs.

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

¶

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

B. → **Attachment-A, Question C.9**¶

¶

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

¶

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

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
INDUSTRIAL BUDGET DETAIL

Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Industrial	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance			
		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		$ -	$ -	$ -
Industrial Total (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. → Table showing costs by functional area of management structure

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

B. → Attachment-A, Question C.9

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

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

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023

AGRICULTURAL BUDGET DETAIL

Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Agricultural	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance			
		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		$ -	$ -	$ -
Agricultural Total (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. → Table showing costs by functional area of management structure

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

B. → Attachment-A, Question C.9

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

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

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023

PUBLIC SECTOR BUDGET DETAIL

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

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

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

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

B. → Attachment-A, Question C.9

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

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

Pa Name: Tri-County Regional Energy Network
Budget Year: 2022-2023
CROSS -CUTTING BUDGET DETAIL

Sector	Cost Element	Functional Group	2020 EE Portfolio Expenditures	2022 EE Portfolio Budget	2023 EE Portfolio Budget
Cross-Cutting	Labor(1)	Policy, Strategy, and Regulatory Reporting Compliance	$ 94,359.150	$ 138,726.000	$ 145,662.000
		Program Management	$ 382,660.510	$ 237,639.000	$ 347,777.000
		Engineering services			
		Customer Application/Rebate/Incentive Processing			
		Customer Project Inspections			
		Portfolio Analytics	$ 298,054.010	$ 190,653.000	$ 200,179.000
		ME&O (Local)		$ 236,538.000	$ 241,074.000
		Account Management / Sales			
		IT	$ 169,979.900	$ 164,450.000	$ 150,113.000
		Call Center			
	Labor Total		**$ 945,053.570**	**$ 968,006.000**	**$ 1,084,805.000**
	Non-Labor	Third-Party Implementer (as defined per D.16-08-019, OP 10)			
		Local/Government Partnerships Contracts (3)			
		Other Contracts			
		Program Implementation	$ 202,635.330	$ 596,283.000	$ 597,890.000
		Policy, Strategy, and Regulatory Reporting Compliance	$ 222,851.460	$ 222,740.000	$ 217,345.000
		Program Management	$ 219,041.070	$ 555,282.000	$ 571,890.000
		Engineering services			
		Customer Application/Rebate/Incentive Processing		$ 425,000.000	$ 425,000.000
		Customer Project Inspections			
		Portfolio Analytics	$ 28,321.520	$ 175,000.000	$ 175,000.000
		ME&O (Local)	$ 146,226.670	$ 287,780.000	$ 297,112.000
		Account Management / Sales			
		IT (4)		$ 425,000.000	$ 425,000.000
		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		**$ 819,076.050**	**$ 2,687,085.000**	**$ 2,709,237.000**
Cross-Cutting Total (5)			**$ 1,764,129.620**	**$ 3,655,091.000**	**$ 3,794,042.000**
	Other (collected t	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".
(5) Under the previous program categories the following programs were classified as Cross Cutting: 3P-IDEEA, Local-IDSM-ME&O-Local Marketing (EE), SW-IDSM-IDSM. Th
These three programs are now classified as Commercial with the elimination of Cross Cutting programs.

Pa Na Tri-County Regional Energy Network

Budge 2022-2023

Table 17: Metrics Compliance Filing

2022-2023 Forecast is embedded in the Mid Term Forecast. Final results are provided in the Annual Report.

Index	PA	AttA Page	AttA Order	Method Code	Units of Measurement	Metric Type	Metric/ Indicator	Business Plan Att A Description	Metric
0	TCR	A03	PL1	G	MT CO2eq	NEW: Energy Savings	Metric	Greenhouse gasses (MT CO2eq) Net kWh savings, reported on an annual basis	CO2-equivalent of net annual kWh savings
1	TCR	A02	PL1	S1	First year annual kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual kW gross
2	TCR	A02	PL1	S1	First year annual kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual kW net
3	TCR	A02	PL1	S1	First year annual kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual kWh gross
4	TCR	A02	PL1	S1	First year annual kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual kWh net
5	TCR	A02	PL1	S1	First year annual Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual Therm gross
6	TCR	A02	PL1	S1	First year annual Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual Therm net
7	TCR	A02	PL1	S1	Lifecycle ex-ante kW gross	S1: Energy Savings	Metric	PL1-31: First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross	Lifecycle ex-ante kW gross
8	TCR	A02	PL1	S1	Lifecycle ex-ante kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante kW net
9	TCR	A02	PL1	S1	Lifecycle ex-ante kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante kWh gross
10	TCR	A02	PL1	S1	Lifecycle ex-ante kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante kWh net
11	TCR	A02	PL1	S1	Lifecycle ex-ante Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante Therm gross
12	TCR	A02	PL1	S1	Lifecycle ex-ante Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante Therm net
13	TCR	A02	PL2	S3	First year annual kW gross	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kW gross in Disadvantaged Communities
14	TCR	A02	PL2	S3	First year annual kW net	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kW net in Disadvantaged Communities
15	TCR	A02	PL2	S3	First year annual kWh gross	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kWh gross in Disadvantaged Communities
16	TCR	A02	PL2	S3	First year annual kWh net	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kWh net in Disadvantaged Communities
17	TCR	A02	PL2	S3	First year annual Therm gross	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual Therm gross in Disadvantaged Communities
18	TCR	A02	PL2	S3	First year annual Therm net	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual Therm net in Disadvantaged Communities
19	TCR	A02	PL2	S3	Lifecycle ex-ante kW gross	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kW gross in Disadvantaged Communities
20	TCR	A02	PL2	S3	Lifecycle ex-ante kW net	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kW net in Disadvantaged Communities
21	TCR	A02	PL2	S3	Lifecycle ex-ante kWh gross	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kWh gross in Disadvantaged Communities
22	TCR	A02	PL2	S3	Lifecycle ex-ante kWh net	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kWh net in Disadvantaged Communities
23	TCR	A02	PL2	S3	Lifecycle ex-ante Therm gross	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante Therm gross in Disadvantaged Communities
24	TCR	A02	PL2	S3	Lifecycle ex-ante Therm net	S3: DAC Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante Therm net in Disadvantaged Communities
25	TCR	A02	PL3	S4	First year annual kW gross	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kW gross in Hard-to-Reach Markets
26	TCR	A02	PL3	S4	First year annual kW net	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kW net in Hard-to-Reach Markets
27	TCR	A02	PL3	S4	First year annual kWh gross	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kWh gross in Hard-to-Reach Markets
28	TCR	A02	PL3	S4	First year annual kWh net	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kWh net in Hard-to-Reach Markets
29	TCR	A02	PL3	S4	First year annual Therm gross	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual Therm gross in Hard-to-Reach Markets
30	TCR	A02	PL3	S4	First year annual Therm net	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual Therm net in Hard-to-Reach Markets
31	TCR	A02	PL3	S4	Lifecycle ex-ante kW gross	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kW gross in Hard-to-Reach Markets
32	TCR	A02	PL3	S4	Lifecycle ex-ante kW net	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kW net in Hard-to-Reach Markets
33	TCR	A02	PL3	S4	Lifecycle ex-ante kWh gross	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kWh gross in Hard-to-Reach Markets
34	TCR	A02	PL3	S4	Lifecycle ex-ante kWh net	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kWh net in Hard-to-Reach Markets

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Index	PA	AttA Page	AttA Order	Method Code	Units of Measurement	Metric Type	Metric/ Indicator	Business Plan Att A Description	Metric
35	TCR	A02	PL3	S4	Lifecycle ex-ante Therm gross	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante Therm gross in Hard-to-Reach Markets
36	TCR	A02	PL3	S4	Lifecycle ex-ante Therm net	S4: Hard to reach markets	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante Therm net in Hard-to-Reach Markets
37	TCR	A02	PL4	LC	PAC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kW)
38	TCR	A02	PL4	LC	PAC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kWh)
39	TCR	A02	PL4	LC	PAC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/therm)
40	TCR	A02	PL4	LC	TRC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kW)
41	TCR	A02	PL4	LC	TRC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kWh)
42	TCR	A02	PL4	LC	TRC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/therm)
43	TCR	A02	RSF1	S1	First year annual kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	First year annual kW gross
44	TCR	A02	RSF1	S1	First year annual kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	First year annual kW net
45	TCR	A02	RSF1	S1	First year annual kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	First year annual kWh gross
46	TCR	A02	RSF1	S1	First year annual kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	First year annual kWh net
47	TCR	A02	RSF1	S1	First year annual Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	First year annual Therm gross
48	TCR	A02	RSF1	S1	First year annual Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	First year annual Therm net
49	TCR	A02	RSF1	S1	Lifecycle ex-ante kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	Lifecycle ex-ante kW gross
50	TCR	A02	RSF1	S1	Lifecycle ex-ante kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	Lifecycle ex-ante kW net
51	TCR	A02	RSF1	S1	Lifecycle ex-ante kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	Lifecycle ex-ante kWh gross
52	TCR	A02	RSF1	S1	Lifecycle ex-ante kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	Lifecycle ex-ante kWh net
53	TCR	A02	RSF1	S1	Lifecycle ex-ante Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	Lifecycle ex-ante Therm gross
54	TCR	A02	RSF1	S1	Lifecycle ex-ante Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for Single	Lifecycle ex-ante Therm net
55	TCR	A03	RSF2	G	MT CO2eq	GHG	Metric	Greenhouse gasses (MT CO2eq) Net kWh savings, reported on an annual basis	CO2-equivalent of net annual kWh savings
56	TCR	A03	RSF3	D1-D	Lifecycle NET kW	D1: Depth of Interventions: Per downstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante kW net savings per participant - Opt-in - Downstream
57	TCR	A03	RSF3	D1-D	Lifecycle NET kWh	D1: Depth of Interventions: Per downstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante kWh net savings per participant - Opt-in - Downstream
58	TCR	A03	RSF3	D1-D	Lifecycle NET Therms	D1: Depth of Interventions: Per downstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante Therm net savings per participant - Opt-in - Downstream
59	TCR	A03	RSF3	D1-M	Lifecycle NET kW	D1: Depth of Interventions: Per midstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante kW net savings per participant - Opt-in - Midstream
60	TCR	A03	RSF3	D1-M	Lifecycle NET kWh	D1: Depth of Interventions: Per midstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante kWh net savings per participant - Opt-in - Midstream
61	TCR	A03	RSF3	D1-M	Lifecycle NET Therms	D1: Depth of Interventions: Per midstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante Therm net savings per participant - Opt-in - Midstream
62	TCR	A03	RSF3	D1-O	Lifecycle NET kW	D1: Depth of Interventions: Per opt out participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante kW net savings per participant - Opt-out
63	TCR	A03	RSF3	D1-O	Lifecycle NET kWh	D1: Depth of Interventions: Per opt out participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante kWh net savings per participant - Opt-out
64	TCR	A03	RSF3	D1-O	Lifecycle NET Therms	D1: Depth of Interventions: Per opt out participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante Therm net savings per participant - Opt-out
65	TCR	A03	RSF3	D1-U	Lifecycle NET kW	D1: Depth of Interventions: Per upstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante kW net savings per participant - Opt-in - Upstream
66	TCR	A03	RSF3	D1-U	Lifecycle NET kWh	D1: Depth of Interventions: Per upstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante kWh net savings per participant - Opt-in - Upstream
67	TCR	A03	RSF3	D1-U	Lifecycle NET Therms	D1: Depth of Interventions: Per upstream participant	Metric	Average savings per participant in both opt-in and opt-out programs (broken down by downstream, midstream and	Average lifecycle ex-ante Therm net savings per participant - Opt-in - Upstream
68	TCR	A03	RSF4	P1	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population	Percent of participation relative to eligible population
69	TCR	A03	RSF4	P3	Percent	P3: Penetration of energy efficiency programs in the	Metric	Percent of participation in disadvantaged communities	Percent of participation in disadvantaged communities
70	TCR	A03	RSF4	P4	Percent	P4: Penetration of energy efficiency programs in the	Metric	Percent of participation by customers defined as "hard-to-reach"	Percent of participation by customers defined as "hard-to-reach"
71	TCR	A03	RSF5	LC	PAC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kW)

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72	TCR	A03	RSF5	LC	PAC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kWh)
73	TCR	A03	RSF5	LC	PAC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/therm)
74	TCR	A03	RSF5	LC	TRC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kW)
75	TCR	A03	RSF5	LC	TRC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kWh)
76	TCR	A03	RSF5	LC	TRC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/therm)
77	TCR	A03	RSF6i	EI1	Btu	Energy intensity per SF household	Indicator	Average energy use intensity of single family homes (average usage per household – not adjusted)	Average electric and gas usage per household
78	TCR	A03	RMF1	S1-IU	First year annual kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kW gross - In Unit
79	TCR	A03	RMF1	S1-IU	First year annual kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kW net - In Unit
80	TCR	A03	RMF1	S1-IU	First year annual kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kWh gross - In Unit
81	TCR	A03	RMF1	S1-IU	First year annual kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kWh net - In Unit
82	TCR	A03	RMF1	S1-IU	First year annual Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual Therm gross - In Unit
83	TCR	A03	RMF1	S1-IU	First year annual Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual Therm net - In Unit
84	TCR	A03	RMF1	S1-IU	Lifecycle ex-ante kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kW gross - In Unit
85	TCR	A03	RMF1	S1-IU	Lifecycle ex-ante kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kW net - In Unit
86	TCR	A03	RMF1	S1-IU	Lifecycle ex-ante kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kWh gross - In Unit
87	TCR	A03	RMF1	S1-IU	Lifecycle ex-ante kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kWh net - In Unit
88	TCR	A03	RMF1	S1-IU	Lifecycle ex-ante Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante Therm gross - In Unit
89	TCR	A03	RMF1	S1-IU	Lifecycle ex-ante Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante Therm net - In Unit
90	TCR	A03	RMF1	S1-MM	First year annual kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kW gross - Master Metered
91	TCR	A03	RMF1	S1-MM	First year annual kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kW net - Master Metered
92	TCR	A03	RMF1	S1-MM	First year annual kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kWh gross - Master Metered
93	TCR	A03	RMF1	S1-MM	First year annual kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kWh net - Master Metered
94	TCR	A03	RMF1	S1-MM	First year annual Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual Therm gross - Master Metered
95	TCR	A03	RMF1	S1-MM	First year annual Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual Therm net - Master Metered
96	TCR	A03	RMF1	S1-MM	Lifecycle ex-ante kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kW gross - Master Metered
97	TCR	A03	RMF1	S1-MM	Lifecycle ex-ante kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kW net - Master Metered
98	TCR	A03	RMF1	S1-MM	Lifecycle ex-ante kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kWh gross - Master Metered
99	TCR	A03	RMF1	S1-MM	Lifecycle ex-ante kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kWh net - Master Metered
100	TCR	A03	RMF1	S1-MM	Lifecycle ex-ante Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante Therm gross - Master Metered
101	TCR	A03	RMF1	S1-MM	Lifecycle ex-ante Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante Therm net - Master Metered
102	TCR	A03	RMF1	SI-CA	First year annual kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kW gross - Common Area
103	TCR	A03	RMF1	SI-CA	First year annual kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kW net - Common Area
104	TCR	A03	RMF1	SI-CA	First year annual kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kWh gross - Common Area
105	TCR	A03	RMF1	SI-CA	First year annual kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual kWh net - Common Area
106	TCR	A03	RMF1	SI-CA	First year annual Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual Therm gross - Common Area
107	TCR	A03	RMF1	SI-CA	First year annual Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	First year annual Therm net - Common Area
108	TCR	A03	RMF1	SI-CA	Lifecycle ex-ante kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kW gross - Common Area

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109	TCR	A03	RMF1	SI-CA	Lifecycle ex-ante kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kW net - Common Area
110	TCR	A03	RMF1	SI-CA	Lifecycle ex-ante kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kWh gross - Common Area
111	TCR	A03	RMF1	SI-CA	Lifecycle ex-ante kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante kWh net - Common Area
112	TCR	A03	RMF1	SI-CA	Lifecycle ex-ante Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante Therm gross - Common Area
113	TCR	A03	RMF1	SI-CA	Lifecycle ex-ante Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) for	Lifecycle ex-ante Therm net - Common Area
114	TCR	A03	RMF2	G	MT CO2eq	GHG	Metric	Greenhouse gasses (MT CO2eq) Net kWh savings, reported on an annual basis	CO2-equivalent of net annual kWh savings
115	TCR	A04	RMF3	D3a	Lifecycle NET kW	D3: Depth of Interventions: per building	Metric	Energy savings (kWh, kw, therms) per project (building)	Lifecycle ex-ante kW net per project (building)
116	TCR	A04	RMF3	D3a	Lifecycle NET kWh	D3: Depth of Interventions: per building	Metric	Energy savings (kWh, kw, therms) per project (building)	Lifecycle ex-ante kWh net per project (building)
117	TCR	A04	RMF3	D3a	Lifecycle NET Therms	D3: Depth of Interventions: per building	Metric	Energy savings (kWh, kw, therms) per project (building)	Lifecycle ex-ante Therm net per project (building)
118	TCR	A04	RMF3	D4	Lifecycle NET kW	D4: Depth of Interventions: per property	Metric	Average savings per participant Savings per project (property)	Lifecycle ex-ante kW net per project (property)
119	TCR	A04	RMF3	D4	Lifecycle NET kWh	D4: Depth of Interventions: per property	Metric	Average savings per participant Savings per project (property)	Lifecycle ex-ante kWh net per project (property)
120	TCR	A04	RMF3	D4	Lifecycle NET Therms	D4: Depth of Interventions: per property	Metric	Average savings per participant Savings per project (property)	Lifecycle ex-ante Therm net per project (property)
121	TCR	A04	RMF3	D5	Lifecycle NET kW	D5: Depth of Interventions: Per square foot	Metric	Energy savings (kWh, kw, therms) per square foot	Lifecycle ex-ante kW net per square foot
122	TCR	A04	RMF3	D5	Lifecycle NET kWh	D5: Depth of Interventions: Per square foot	Metric	Energy savings (kWh, kw, therms) per square foot	Lifecycle ex-ante kWh net per square foot
123	TCR	A04	RMF3	D5	Lifecycle NET Therms	D5: Depth of Interventions: Per square foot	Metric	Energy savings (kWh, kw, therms) per square foot	Lifecycle ex-ante Therm net per square foot
124	TCR	A04	RMF4	P1-P	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population (by unit, and property)	Percent of participation relative to eligible population by property
125	TCR	A04	RMF4	P1-U	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population (by unit, and property)	Percent of participation relative to eligible population by unit
126	TCR	A04	RMF4	P2	Percent	P2: Penetration of energy efficiency programs in terms	Metric	Percent of square feet of eligible population participating (by property)	Percent of square feet of eligible population participating (by property)
127	TCR	A04	RMF4	P3: DAC	Percent	P3: Penetration of energy efficiency programs in the	Metric	Percent of participation in disadvantaged communities	Percent of participation in disadvantaged communities
128	TCR	A04	RMF4	P4	Percent	P4: Penetration of energy efficiency programs in the	Metric	Percent of participation by customers defined as "hard-to-reach"	Percent of participation by customers defined as "hard-to-reach"
129	TCR	A04	RMF5	B1	Percent	MF Benchmarking Penetration	Metric	Percent of benchmarked multi-family properties relative to the eligible population	Percent of benchmarked multi-family properties relative to the eligible population
130	TCR	A04	RMF5	B6	Percent	Benchmarking of HTR Properties	Metric	Percent of benchmarking by properties defined as "hard-to-reach"	Percent of benchmarking by properties defined as "hard-to-reach"
131	TCR	A04	RMF6	LC	PAC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kW)
132	TCR	A04	RMF6	LC	PAC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kWh)
133	TCR	A04	RMF6	LC	PAC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/therm)
134	TCR	A04	RMF6	LC	TRC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kW)
135	TCR	A04	RMF6	LC	TRC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kWh)
136	TCR	A04	RMF6	LC	TRC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/therm)
137	TCR	A04	RMF7i	EI2	Btu	Energy Intensity per MF unit	Indicator	Average energy use intensity of multifamily units. Including in-unit accounts)	Average electric and gas usage per unit
138	TCR	A04	RMF7i	EI3	Btu	Energy intensity per MF unit square foot	Indicator	Average energy use intensity of multifamily buildings (average usage per square foot – not adjusted	Average electric and gas usage per square foot
139	NA	A05	C1	S1	kW	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual kW gross
140	NA	A05	C1	S1	kW	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual kW net
141	NA	A05	C1	S1	kWh	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual kWh gross
142	NA	A05	C1	S1	kWh	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual kWh net
143	NA	A05	C1	S1	Therm	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual Therm gross
144	NA	A05	C1	S1	Therm	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	First year annual Therm net
145	NA	A05	C1	S1	kW	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante kW gross

Table 17: Metrics Compliance Filing

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Index	PA	AttA Page	AttA Order	Method Code	Units of Measurement	Metric Type	Metric/ Indicator	Business Plan Att A Description	Metric
146	NA	A05	C1	S1	kW	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante kW net
147	NA	A05	C1	S1	kWh	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante kWh gross
148	NA	A05	C1	S1	kWh	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante kWh net
149	NA	A05	C1	S1	Therm	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante Therm gross
150	NA	A05	C1	S1	Therm	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net)	Lifecycle ex-ante Therm net
151	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent first year annual kW gross
152	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent first year annual kW net
153	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent first year annual kWh gross
154	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent first year annual kWh net
155	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent first year annual Therm gross
156	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent first year annual Therm net
157	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent lifecycle ex-ante kW gross
158	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent lifecycle ex-ante kW net
159	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent lifecycle ex-ante kWh gross
160	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent lifecycle ex-ante kWh net
161	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent lifecycle ex-ante Therm gross
162	NA	A05	C1	S2	Percent	S2: Percent Overall Sectoral Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) as a	Percent lifecycle ex-ante Therm net
163	NA	A05	C2	G	MT CO2eq	GHG	Metric	Greenhouse gasses (MT CO2eq) Net kWh savings, reported on an annual basis	CO2-equivalent of net annual kWh savings
164	NA	A05	C3	D2	Percent	D2: Depth of Interventions by project	Metric	Energy savings (gross kWh, therms) as a fraction of total project consumption	Percent lifecycle gross kW
165	NA	A05	C3	D2	Percent	D2: Depth of Interventions by project	Metric	Energy savings (gross kWh, therms) as a fraction of total project consumption	Percent lifecycle gross kWh
166	NA	A05	C3	D2	Percent	D2: Depth of Interventions by project	Metric	Energy savings (gross kWh, therms) as a fraction of total project consumption	Percent lifecycle gross Therms
167	NA	A05	C4	P1L	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium, and large customers	Percent of participation relative to eligible population for large customers
168	NA	A05	C4	P1M	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium, and large customers	Percent of participation relative to eligible population for medium customers
169	NA	A05	C4	P1S	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium, and large customers	Percent of participation relative to eligible population for small customers
170	NA	A05	C4	P2	Percent	P2: Penetration of energy efficiency programs in terms	Metric	Percent of square feet of eligible population	Percent of square feet of eligible population
171	NA	A05	C4	P4	Percent	P4: Penetration of energy efficiency programs in the	Metric	Percent of participation by customers defined as "hard-to-reach"	Percent of participation by customers defined as "hard-to-reach"
172	NA	A05	C5	B2	Percent	Square Footage of Commercial Benchmarking	Metric	Percent of benchmarked square feet of eligible population	Percent of benchmarked square feet of eligible population
173	NA	A05	C5	B5L	Percent	Benchmarking Penetration for Commercial Sector	Metric	Percent of benchmarked customers relative to eligible population for large customers	Percent of benchmarked customers relative to eligible population for large customers
174	NA	A05	C5	B5M	Percent	Benchmarking Penetration for Commercial Sector	Metric	Percent of benchmarked customers relative to eligible population for medium customers	Percent of benchmarked customers relative to eligible population for medium customers
175	NA	A05	C5	B5S	Percent	Benchmarking Penetration for Commercial Sector	Metric	Percent of benchmarked customers relative to eligible population for small customers	Percent of benchmarked customers relative to eligible population for small customers
176	NA	A05	C5	B6	Percent	Benchmarking of HTR Properties	Metric	Percent of benchmarking by customers defined as "hard-to-reach"	Percent of benchmarking by customers defined as "hard-to-reach"
177	NA	A05	C6	LC	PAC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kW)
178	NA	A05	C6	LC	PAC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kWh)
179	NA	A05	C6	LC	PAC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/therm)
180	NA	A05	C6	LC	TRC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kW)
181	NA	A05	C6	LC	TRC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kWh)
182	NA	A05	C6	LC	TRC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/therm)

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Index	PA	AttA Page	AttA Order	Method Code	Units of Measurement	Metric Type	Metric/ Indicator	Business Plan Att A Description	Metric
183	NA	A06	C7i	N1	Percent	NMEC	Indicator	Fraction of total projects utilizing Normalized Metered Energy Consumption (NMEC) to estimate savings	Percent of total projects utilizing Normalized Metered Energy Consumption (NMEC) to estimate
184	NA	A06	C7i	N2	Percent	NMEC	Indicator	Fraction of total savings (gross kWH and therm) derived from NMEC analysis	Percent of total savings (gross kWH and therm) derived from NMEC analysis
185	NA	A06	C8i	CS	Percent	Satisfaction	Indicator	Improvement in customer satisfaction	Percent Improvement in customer satisfaction
186	NA	A06	C8i	TS	Percent	Satisfaction	Indicator	Improvement in trade ally satisfaction	Percent Improvement in trade ally satisfaction
187	NA	A06	C9i	F1	Percent	Investment in EE	Indicator	Fraction of total investments made by ratepayers and private capital	Percent of total investments made by ratepayers and private capital
188	NA	A06	P1	S1	First year annual kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	First year annual kW gross
189	NA	A06	P1	S1	First year annual kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	First year annual kW net
190	NA	A06	P1	S1	First year annual kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	First year annual kWh gross
191	NA	A06	P1	S1	First year annual kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	First year annual kWh net
192	NA	A06	P1	S1	First year annual Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	First year annual Therm gross
193	NA	A06	P1	S1	First year annual Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	First year annual Therm net
194	NA	A06	P1	S1	Lifecycle ex-ante kW gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	Lifecycle ex-ante kW gross
195	NA	A06	P1	S1	Lifecycle ex-ante kW net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	Lifecycle ex-ante kW net
196	NA	A06	P1	S1	Lifecycle ex-ante kWh gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	Lifecycle ex-ante kWh gross
197	NA	A06	P1	S1	Lifecycle ex-ante kWh net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	Lifecycle ex-ante kWh net
198	NA	A06	P1	S1	Lifecycle ex-ante Therm gross	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	Lifecycle ex-ante Therm gross
199	NA	A06	P1	S1	Lifecycle ex-ante Therm net	S1: Energy Savings	Metric	First year annual and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) across Public	Lifecycle ex-ante Therm net
200	NA	A06	P2	G	MT CO2eq	GHG	Metric	Greenhouse gasses (MT CO2eq) based on net lifecycle kWH and Therms savings, reported on an annual basis,	CO2-equivalent of net annual kWh savings
201	NA	A06	P3i	D3b	Percent annual NET kW	D3: Depth of interventions per building	Indicator	Average percent energy savings (kWH, kW, therms) per project building or facility	Percent annual net kW per project building or facility
202	NA	A06	P3i	D3b	Percent annual NET kWh	D3: Depth of interventions per building	Indicator	Average percent energy savings (kWH, kW, therms) per project building or facility	Percent annual net kWH per project building or facility
203	NA	A06	P3i	D3b	Percent annual NET Therms	D3: Depth of interventions per building	Indicator	Average percent energy savings (kWH, kW, therms) per project building or facility	Percent annual net Therms per project building or facility
204	NA	A06	P3i	D5	Annual NET kW	D5: Depth of interventions: Per square foot	Indicator	Average annual energy savings (kWH, kW, therms) per project building floor plan area	Average annual net kW savings per project building floor plan area
205	NA	A06	P3i	D5	Annual NET kWh	D5: Depth of interventions: Per square foot	Indicator	Average annual energy savings (kWH, kW, therms) per project building floor plan area	Average annual net kW savings per project building floor plan area
206	NA	A06	P3i	D5	Annual NET Therms	D5: Depth of interventions: Per square foot	Indicator	Average annual energy savings (kWH, kW, therms) per project building floor plan area	Average annual net Therm savings per project building floor plan area
207	NA	A06	P3i	W1	Annual NET kW	Water	Indicator	Average annual energy savings (kWH, kW therms) per annual flow through project water/wastewater facilities	Average annual Net kW savings per annual flow through project water/wastewater facilities
208	NA	A06	P3i	W1	Annual NET kWh	Water	Indicator	Average annual energy savings (kWH, kW therms) per annual flow through project water/wastewater facilities	Average annual Net kWH savings per annual flow through project water/wastewater facilities
209	NA	A06	P3i	W1	Annual NET Therms	Water	Indicator	Average annual energy savings (kWH, kW therms) per annual flow through project water/wastewater facilities	Average annual Net Therms savings per annual flow through project water/wastewater facilities
210	NA	A07	P4	P1	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of Public Sector accounts participating in programs	Percent of Public Sector accounts participating in programs
211	NA	A07	P4i	P2	Percent	P2: Penetration of energy efficiency programs in terms	Indicator	Percent of estimated floorplan area (i.e., ft2) of all Public Sector buildings participating in building projects—estimate	Percent of estimated floorplan area (i.e., ft2) of all Public Sector buildings participating in building
212	NA	A07	P4i	W2	Percent	Water	Indicator	Percent of Public Sector water/wastewater flow (i.e., annual average Million Gallons per Day) enrolled in	Percent of Public Sector water/wastewater flow enrolled in non-building water/wastewater
213	NA	A07	P5	LC	PAC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWH, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kW)
214	NA	A07	P5	LC	PAC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWH, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kWh)
215	NA	A07	P5	LC	PAC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWH, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/therm)
216	NA	A07	P5	LC	TRC Levelized Cost ($/kW)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWH, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kW)
217	NA	A07	P5	LC	TRC Levelized Cost ($/kWh)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWH, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kWh)
218	NA	A07	P5	LC	TRC Levelized Cost ($/therm)	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWH, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/therm)
219	NA	A07	P6i	F2	$	Investment in EE	Indicator	Total program-backed financing distributed to Public Sector customers requiring repayment (i.e., loans, OBF)	Total program-backed financing distributed to Public Sector customers requiring repayment

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220	NA	A07	P7	B3	Percent	Public Sector Benchmarking Penetration Calendar Year	Metric	Percent of Public Sector buildings with current benchmark	Percent of Public Sector buildings with current benchmark
221	NA	A07	P7	EI4	Btu	Energy intensity per public sector building	Metric	Average energy use intensity of all Public Sector buildings	Average energy use intensity of all Public Sector buildings
222	NA	A07	P7i	B4	Percent	Public Sector Square Foot Benchmarking Penetration in	Indicator	Percent of floorplan area of all Public Sector buildings with current benchmark	Percent of floorplan area of all Public Sector buildings with current benchmark
223	NA	A08	In1	S1	kW	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kW gross
224	NA	A08	In1	S1	kW	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kW net
225	NA	A08	In1	S1	kWh	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kWh gross
226	NA	A08	In1	S1	kWh	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual kWh net
227	NA	A08	In1	S1	Therm	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual Therm gross
228	NA	A08	In1	S1	Therm	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	First year annual Therm net
229	NA	A08	In1	S1	kW	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kW gross
230	NA	A08	In1	S1	kW	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kW net
231	NA	A08	In1	S1	kWh	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kWh gross
232	NA	A08	In1	S1	kWh	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante kWh net
233	NA	A08	In1	S1	Therm	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante Therm gross
234	NA	A08	In1	S1	Therm	S1: Energy Savings	Metric	First year annualized and lifecycle ex-ante (pre-evaluation) gas, electric, and demand savings (gross and net) in	Lifecycle ex-ante Therm net
235	NA	A08	In2	G	MT CO2eq	GHG	Metric	Greenhouse gasses (MT CO2eq) Net kWh savings, reported on an annual basis	CO2-equivalent of net annual kWh savings
236	NA	A08	In3	P1L	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium and large customers	Percent of participation relative to eligible population for large customers
237	NA	A08	In3	P1M	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium and large customers	Percent of participation relative to eligible population for medium customers
238	NA	A08	In3	P1S	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium and large customers	Percent of participation relative to eligible population for small customers
239	NA	A08	In4i	P5L	Percent	New participation	Indicator	Percent of customers participating that have not received an incentive for the past three years, annually, by small,	Percent of large customers participating in reporting year that have not received an incentive for the past
240	NA	A08	In4i	P5M	Percent	New participation	Indicator	Percent of customers participating that have not received an incentive for the past three years, annually, by small,	Percent of medium customers participating in reporting year that have not received an incentive
241	NA	A08	In4i	P5S	Percent	New participation	Indicator	Percent of customers participating that have not received an incentive for the past three years, annually, by small,	Percent of small customers participating in reporting year that have not received an incentive for the past
242	NA	A08	In5	LC	$/kW	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kW)
243	NA	A08	In5	LC	$/kWh	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kWh)
244	NA	A08	In5	LC	$/therm	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/therm)
245	NA	A08	In5	LC	$/kW	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kW)
246	NA	A08	In5	LC	$/kWh	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kWh)
247	NA	A08	In5	LC	$/therm	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/therm)
248	NA	A08	In6	S2	Percent first year annual kW gross	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent first year annual kW gross
249	NA	A08	In6	S2	Percent first year annual kW net	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent first year annual kW net
250	NA	A08	In6	S2	Percent first year annual kWh gross	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent first year annual kWh gross
251	NA	A08	In6	S2	Percent first year annual kWh net	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent first year annual kWh net
252	NA	A08	In6	S2	Percent first year annual Therm gross	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent first year annual Therm gross
253	NA	A08	In6	S2	Percent first year annual Therm net	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent first year annual Therm net
254	NA	A08	In6	S2	Percent lifecycle ex-ante kW gross	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent lifecycle ex-ante kW gross
255	NA	A08	In6	S2	Percent lifecycle ex-ante kW net	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent lifecycle ex-ante kW net
256	NA	A08	In6	S2	Percent lifecycle ex-ante kWh gross	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent lifecycle ex-ante kWh gross

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Index	PA	AttA Page	AttA Order	Method Code	Units of Measurement	Metric Type	Metric/ Indicator	Business Plan Att A Description	Metric
257	NA	A08	In6	S2	Percent lifecycle ex-ante kWh net	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent lifecycle ex-ante kWh net
258	NA	A08	In6	S2	Percent lifecycle ex-ante Therm gross	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent lifecycle ex-ante Therm gross
259	NA	A08	In6	S2	Percent lifecycle ex-ante Therm net	S2: Percent Overall Sectoral Savings	Metric	Reduction in consumption (proposed by SCE and SDG&E)	Percent lifecycle ex-ante Therm net
260	NA	A09	A1	S1	kW	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	First year annual kW gross
261	NA	A09	A1	S1	kW	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	First year annual kW net
262	NA	A09	A1	S1	kWh	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	First year annual kWh gross
263	NA	A09	A1	S1	kWh	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	First year annual kWh net
264	NA	A09	A1	S1	Therm	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	First year annual Therm gross
265	NA	A09	A1	S1	Therm	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	First year annual Therm net
266	NA	A09	A1	S1	kW	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	Lifecycle ex-ante kW gross
267	NA	A09	A1	S1	kW	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	Lifecycle ex-ante kW net
268	NA	A09	A1	S1	kWh	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	Lifecycle ex-ante kWh gross
269	NA	A09	A1	S1	kWh	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	Lifecycle ex-ante kWh net
270	NA	A09	A1	S1	Therm	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	Lifecycle ex-ante Therm gross
271	NA	A09	A1	S1	Therm	S1: Energy Savings	Metric	First year and lifecycle ex ante (pre-evaluation) annualized gas, electric, and demand savings in agriculture sector,	Lifecycle ex-ante Therm net
272	NA	A09	A2	G	MT CO2eq	GHG	Metric	Greenhouse gasses (MT CO2eq) Net kWh savings, reported on an annual basis	CO2-equivalent of net annual kWh savings
273	NA	A09	A3	: Particpa	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium and large customers	Percent of participation relative to eligible population for large customers
274	NA	A09	A3	: Particpa	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium and large customers	Percent of participation relative to eligible population for medium customers
275	NA	A09	A3	: Particpa	Percent	P1: Penetration of energy efficiency programs in the	Metric	Percent of participation relative to eligible population for small, medium and large customers	Percent of participation relative to eligible population for small customers
276	NA	A09	A4	LC	$/kW	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kW)
277	NA	A09	A4	LC	$/kWh	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/kWh)
278	NA	A09	A4	LC	$/therm	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	PAC Levelized Cost ($/therm)
279	NA	A09	A4	LC	$/kW	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kW)
280	NA	A09	A4	LC	$/kWh	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/kWh)
281	NA	A09	A4	LC	$/therm	Cost per unit saved	Metric	Levelized cost of energy efficiency per kWh, therm and kW (use both TRC and PAC)	TRC Levelized Cost ($/therm)
282	TCR	A10	CS1	S1	Net GWh	S1: Energy Savings	Metric	Net Energy Savings: GWH	Net GWh savings
283	TCR	A10	CS1	S1	Net MMTherms	S1: Energy Savings	Metric	Net Energy Savings: MM Therms	Net MMTherms savings
284	TCR	A10	CS1	S1	Net MW	S1: Energy Savings	Metric	Net Energy Savings: MW	Net MW savings
285	TCR	A10	CS2	1	Count	Advocacy-Building	Metric	Number of measures supported by CASE studies in rulemaking cycle (current work)	Number of measures supported by CASE studies in rulemaking cycle (current work)
286	TCR	A10	CS2	2	Count	Advocacy-Building	Metric	Number of measures adopted by CEC in rulemaking cycle (indicator of past work)	Number of measures adopted by CEC in rulemaking cycle (indicator of past work)
287	TCR	A10	CS3	1	Count	Advocacy-Appliance	Metric	Number of T-20 measures supported by CASE studies in rulemaking cycle (current work)	Number of T-20 measures supported by CASE studies in rulemaking cycle (current work)
288	TCR	A10	CS3	2	Count	Advocacy-Appliance	Metric	Number of measures adopted by CEC in current year	Number of measures adopted by CEC in current year
289	TCR	A10	CS4	1	Count	Advocacy-Federal	Metric	Number of federal standards adopted for which a utility advocated (IOUs to list advocated activites)	Number of federal standards adopted for which a utility advocated (IOUs to list advocated activites)
290	TCR	A10	CS4	2	Count	Advocacy-Federal	Metric	Percent of federal standards adopted for which a utility advocated (#IOU supported / # DOE adopted)	Percent of federal standards adopted for which a utility advocated (#IOU supported / # DOE adopted)
291	TCR	A10	CS5	1	Count	Reach Codes	Metric	The number of local government Reach Codes implemented (this is a joint IOU and REN effort)	The number of local government Reach Codes implemented (this is a joint IOU and REN effort)
292	TCR	A11	CS6	1	Count	Compliance Improvement	Metric	Number of training activities (classes, webinars) held, number of market actors participants by segment (e.g.	Number of training activities (classes, webinars) held, number of market actors participants by
293	TCR	A11	CS6	2	Count	Compliance Improvement	Metric	Number of training activities (classes, webinars) held, number of market actors participants by segment (e.g.	Number of training activities (classes, webinars) held, number of market actors participants by

Table 17: Metrics Compliance Filing

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Index	PA	AttA Page	AttA Order	Method Code	Units of Measurement	Metric Type	Metric/ Indicator	Business Plan Att A Description	Metric
294	TCR	A11	CS6	3	Score	Compliance Improvement	Metric	Increase in code compliance knowledge pre/post training	Increase in code compliance knowledge pre/post training
295	TCR	A11	CS6R	1	Percent	Compliance Improvement	Metric	The percentage increase in closed permits for building projects triggering energy code compliance within	The percentage increase in closed permits for building projects triggering energy code compliance
296	TCR	A11	CS6Ri	1	Count	Compliance Improvement	Indicator	Number and percent of jurisdictions with staff participating in an Energy Policy Forum	Number and percent of jurisdictions with staff participating in an Energy Policy Forum
297	TCR	A11	CS6Ri	1	Percent	Compliance Improvement	Indicator	Number and percent of jurisdictions with staff participating in an Energy Policy Forum	Number and percent of jurisdictions with staff participating in an Energy Policy Forum
298	TCR	A11	CS6Ri	2	Count	Compliance Improvement	Indicator	Number and percent of jurisdictions receiving Energy Policy technical assistance.	Number and percent of jurisdictions receiving Energy Policy technical assistance.
299	TCR	A11	CS6Ri	2	Percent	Compliance Improvement	Indicator	Number and percent of jurisdictions receiving Energy Policy technical assistance.	Percent of jurisdictions receiving Energy Policy technical assistance.
300	TCR	A11	CS6Ri	3	Count	Compliance Improvement	Indicator	Buildings receiving enhanced code compliance support and delivering compliance data to program evaluators	Buildings receiving enhanced code compliance support.
301	TCR	A12	WET-1	1	Count	Collaborations	Metric	Number of collaborations by Business Plan sector to jointly develop or share training materials or resources.	Number of collaborations by Business Plan sector to jointly develop or share training materials or
302	TCR	A12	WET-2	1	Count	Penetration	Metric	Number of participants by sector	Number of participants by sector
303	TCR	A12	WET-2	1	Percentage	Penetration	Metric	Percent of participation relative to eligible target population for curriculum	Percent of participation relative to eligible target population for curriculum
304	TCR	A12	WET-3	1	Percentage	Diversity	Metric	Percent of total WE&T training program participants that meet the definition of disadvantaged worker.	Percent of total WE&T training program participants that meet the definition of disadvantaged worker.
305	TCR	A12	WET-3	1	Percentage	Diversity	Metric	Percent of incentive dollars spent on contracts "with a demonstrated commitment to provide career pathways to	Percent of incentive dollars spent on contracts "with a demonstrated commitment to provide career
306	TCR	A12	WET-3i	1	Count	Diversity	Indicator	Number Career & Workforce Readiness (CWR) participants who have been employed for 12 months after receiving the	Number Career & Workforce Readiness (CWR) participants who have been employed for 12 months
307	NA	A13	ETP-M1	1	Count	Research Prioritization	Metric	Number of TPMs initiated (gas and electric combined), including one technology-focused pilot (TFP) TPM *This	Number of TPMs initiated (gas and electric combined), including one technology-focused pilot
308	NA	A13	ETP-M2	1	Count of TPMs	Research Prioritization	Metric	Number of TPMs updated *This number will be updated once all third party contracts have been awarded.	Number of TPMs updated
309	NA	A13	ETP-M3	1	Count of Projects	Projects	Metric	Number of projects initiated *This number will be updated once all third party contracts have been awarded.	Number of projects initiated
310	NA	A13	ETP-M4	1	Count of Events	Outreach	Metric	Number of outreach events with technology developers with products <1 year from commercialization, including	Number of outreach events with technology developers with products <1 year from
311	NA	A13	ETP-M5	1	Count of Events	Outreach	Metric	Number of outreach events with technology developers with products <5 years from commercialization, including	Number of outreach events with technology developers with products <5 years from
312	NA	A14	ETP-M6	1	Count of TFPs	Pilots	Metric	Number of projects initiated with cooperation from other internal IOU programs associated with each Technology-	Number of projects initiated with cooperation from other internal IOU programs associated with each
313	NA	A14	ETP-M7	1	Count of TFPs	Pilots	Metric	Number of Technology-Focused Pilot (TFP) initiated as part of the TFP TPM. *This number will be updated once all third	Number of Technology-Focused Pilot (TFP) initiated as part of the TFP TPM
314	NA	A15	ETP-T1	1	Percent of New Measures	Measure Tracing	Metric	Prior year: % of new measures added to the portfolio that were previously ETP technologies *The PAs believe this is not suited for a metric with targets because ETP does not make decisions about new measures.	Prior year: % of new measures added to the portfolio that were previously ETP technologies
315	NA	A15	ETP-T2	1	Count of New Measures	Measure Tracing	Metric	Prior Year: # of new measures added to the portfolio that were previously ETP technologies. *The PAs believe this is not suited for a metric with targets because ETP does not make decisions about new measures.	Prior Year: # of new measures added to the portfolio that were previously ETP technologies

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316	NA	A15	ETP-T3	1	Percent	Measure Tracing	Metric	Prior year: % of new codes or standards that were previously ETP technologies. *The PAs believe this is not suited for a metric with targets because ETP does not make decisions about new codes or standards.	Prior year: % of new codes or standards that were previously ETP technologies
317	NA	A15	ETP-T4	1	Count	Measure Tracing	Metric	Prior Year: # of new codes and standards that were previously ETP technologies. *The PAs believe this is not suited for a metric with targets because ETP does not make decisions about new codes or standards.	Prior Year: # of new codes and standards that were previously ETP technologies
318	NA	A15	ETP-T5a	1	Lifecycle net kW	Savings Tracing	Metric	Savings of measures currently in the portfolio that were supported by ETP, added since 2009. Ex-ante with gross and net for all measures, with ex-post where available. *The PAs believe this is not suited for a metric with targets because ETP is a non-resource program and does not claim any savings.	Savings of measures currently in the portfolio that were supported by ETP, added since 2009. Ex-ante with gross and net for all measures, with ex-post where available
319	NA	A15	ETP-T5b	1	Lifecycle net kWh	Savings Tracing	Metric	Savings of measures currently in the portfolio that were supported by ETP, added since 2009. Ex-ante with gross and net for all measures, with ex-post where available. *The PAs believe this is not suited for a metric with targets because ETP is a non-resource program and does not claim any savings.	Savings of measures currently in the portfolio that were supported by ETP, added since 2009. Ex-ante with gross and net for all measures, with ex-post where available
320	NA	A15	ETP-T5c	1	Lifecycle net Therms	Savings Tracing	Metric	Savings of measures currently in the portfolio that were supported by ETP, added since 2009. Ex-ante with gross and net for all measures, with ex-post where available. *The PAs believe this is not suited for a metric with targets because ETP is a non-resource program and does not claim any savings.	Savings of measures currently in the portfolio that were supported by ETP, added since 2009. Ex-ante with gross and net for all measures, with ex-post where available
321	NA	A15	ETP-T6a	1	Count of project ideas by PA	Project Idea Tracing	Metric	Number and source (as reported by submitter) of project ideas submitted OUTSIDE OF the annual TPM research	Number and source (as reported by submitter) of project ideas submitted OUTSIDE OF the annual TPM
322	NA	A15	ETP-T6b	1	Count of project ideas by national labs	Project Idea Tracing	Metric	Number and source (as reported by submitter) of project ideas submitted OUTSIDE OF the annual TPM research	Number and source (as reported by submitter) of project ideas submitted OUTSIDE OF the annual TPM
323	NA	A15	ETP-T6c	1	Count of project ideas by manufacturers	Project Idea Tracing	Metric	Number and source (as reported by submitter) of project ideas submitted OUTSIDE OF the annual TPM research	Number and source (as reported by submitter) of project ideas submitted OUTSIDE OF the annual TPM
324	NA	A15	ETP-T6d	1	Count of project ideas by entrepreneurs	Project Idea Tracing	Metric	Number and source (as reported by submitter) of project ideas submitted OUTSIDE OF the annual TPM research	Number and source (as reported by submitter) of project ideas submitted OUTSIDE OF the annual TPM
325	NA	A15	ETP-T7a	1	Count of project ideas by PA	Project Idea Tracing	Metric	Number and source (as reported by submitter) of project ideas submitted AS PART OF the annual TPM research	ETP-T7a Number and source (as reported by submitter) of project ideas submitted AS PART OF
326	NA	A15	ETP-T7b	1	Count of project ideas by national labs	Project Idea Tracing	Metric	Number and source (as reported by submitter) of project ideas submitted AS PART OF the annual TPM research	Number and source (as reported by submitter) of project ideas submitted AS PART OF the annual TPM
327	NA	A15	ETP-T7c	1	Count of project ideas by manufacturers	Project Idea Tracing	Metric	Number and source (as reported by submitter) of project ideas submitted AS PART OF the annual TPM research	Number and source (as reported by submitter) of project ideas submitted AS PART OF the annual TPM
328	NA	A15	ETP-T7d	1	Count of project ideas by entrepreneurs	Project Idea Tracing	Metric	Number and source (as reported by submitter) of project ideas submitted AS PART OF the annual TPM research	Number and source (as reported by submitter) of project ideas submitted AS PART OF the annual TPM
329	NA	A16	ETP-T8	1	Number of lists	Statewide Goal Alignment	Metric	List of ETP projects aligned with statewide goals that were initiated in the reporting year with specificity as to what	List of ETP projects aligned with statewide goals that were initiated in the reporting year with specificity
329	NA	Statewide Goal Alignme	Metric	ETP-T8: List of ETP	ETP-T8: List of ETP projects aligned with statewide goals that were initiated in the reporting year	Emerging Technologies (ET)			
330	TCR	N/A	N/A	1	Count	Value	Metric	N/A	Number of Tri-County member jurisdictions r
331	TCR	N/A	N/A	1	Percentage	Value	Metric	N/A	Percentage of event 3C-REN attendees cons

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Index	PA	AttA Page	AttA Order	Method Code	Units of Measurement	Metric Type	Metric/ Indicator	Business Plan Att A Description	Metric
332	TCR	N/A	N/A	1	Count	Value	Indicator	N/A	Number of jobs and economic value, inclusiv
333	TCR	N/A	N/A	1	Percentage	Value	Metric	N/A	Percentage of event 3C-REN attendees cons
334	TCR	N/A	N/A	1	Count	Value	Indicator	N/A	Number of jobs and economic value, inclusiv

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
0	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	231	422	588
1	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	431	580	1,248	1,911
2	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	389	522	1,123	1,720
3	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	679,163	910,152	1,877,468	2,767,178
4	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	611,247	819,137	1,689,721	2,490,460
5	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	54,732	73,672	158,529	242,923
6	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	49,259	66,305	142,676	218,630
7	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5,826	7,847	17,015	33,479
8	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4,952	6,670	14,463	28,457
9	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8,609,169	11,544,408	23,965,392	35,535,316
10	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7,748,252	10,389,967	21,568,852	31,981,784
11	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	740,527	997,592	2,164,168	3,339,803
12	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	666,474	897,832	1,947,751	3,005,823
13	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31	41	88	133
14	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28	36	79	120
15	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	53,753	71,049	148,705	220,063
16	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	48,378	63,944	133,834	198,057
17	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3,845	5,121	11,037	16,828
18	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3,461	4,609	9,933	15,145
19	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	402	537	1,164	2,188
20	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	342	456	989	1,860
21	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	670,665	887,323	1,864,574	2,770,730
22	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	603,598	798,591	1,678,117	2,493,657
23	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50,815	67,793	147,055	225,633
24	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	45,734	61,013	132,350	203,069
25	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	401	540	1,161	1,778
26	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	361	485	1,044	1,600
27	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	625,410	839,103	1,728,763	2,547,114
28	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	562,869	755,193	1,555,887	2,292,403
29	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50,887	68,550	147,492	226,095
30	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	45,798	61,695	132,743	203,485
31	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5,423	7,310	15,851	31,290
32	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4,610	6,213	13,473	26,597
33	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7,938,504	10,657,084	22,100,818	32,764,586
34	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7,144,654	9,591,376	19,890,736	29,488,128

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
35	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	689,712	929,799	2,017,112	3,114,171
36	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	620,740	836,819	1,815,401	2,802,754
37	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24	23	24	23
38	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.23	0.17	0.09	0.05
39	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.18	1.64	0.92	0.59
40	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31	32	41	44
41	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.27	0.20	0.12	0.08
42	Portfolio Level (PL)– All Sectors	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.28	1.04	0.72	0.55
43	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	367	499	1,071	1,647
44	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	331	449	964	1,482
45	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	522,016	709,338	1,441,967	2,116,485
46	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	469,815	638,404	1,297,770	1,904,836
47	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	46,891	63,656	136,812	210,488
48	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	42,202	57,290	123,131	189,439
49	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5,059	6,867	14,890	30,304
50	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4,300	5,837	12,656	25,758
51	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6,723,410	9,134,642	18,739,375	27,727,001
52	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6,051,069	8,221,178	16,865,438	24,954,301
53	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	646,434	877,403	1,903,564	2,950,591
54	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	581,791	789,663	1,713,208	2,655,532
55	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	180	324	450
56	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.91	6.90	7.79	11.30
57	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9,728	9,718	10,381	11,042
58	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	935	933	1,055	1,175
59	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
60	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
61	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
62	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
63	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
64	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
66	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
67	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
68	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
69	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
70	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
71	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31	32	34	32

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
72	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
73	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	1	1	0
74	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	45	49	66	74
75	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
76	Residential (RSF)	2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	2	1	1
77	Residential (RSF)	2020	N/A - Indicator	Indicator	ndicator	N/A	N/A	N/A	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator
78	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	64	82	73	177
79	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	58	73	159	238
80	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	157,147	200,814	435,501	650,693
81	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	141,432	180,732	391,951	585,624
82	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7,841	10,016	21,717	32,434
83	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7,057	9,014	19,545	29,191
84	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	767	980	2,125	3,175
85	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	652	833	1,806	2,699
86	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,885,758	2,409,766	5,226,016	7,808,315
87	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,697,183	2,168,789	4,703,415	7,027,483
88	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94,093	120,188	260,604	389,212
89	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	84,683	108,170	234,543	350,291
90	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
91	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
92	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
93	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
94	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
95	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
96	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
97	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
98	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
99	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
100	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
101	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
102	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
103	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
104	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
105	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
106	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
107	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
108	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
109	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
110	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
111	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
112	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
113	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
114	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	51	98	138
115	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	2	2	2
116	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5,475	5,477	5,477	5,480
117	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	273	273	273	273
118	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	2	2	2
119	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5,475	5,477	5,477	5,480
120	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	273	273	273	273
121	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
122	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7	7	7	7
123	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
124	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
125	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
126	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
127	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
128	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
129	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
130	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-
131	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16	15	15	15
132	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
133	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	2	1	1
134	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16	15	15	15
135	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
136	Residential Sector – Multi-family (RMF)	2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
137	Residential Sector – Multi-family (RMF)	2021	N/A - Indicator	- Indicator	Indicator	N/A	N/A	N/A	N/A	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator
138	Residential Sector – Multi-family (RMF)	2021	N/A - Indicator	- Indicator	Indicator	N/A	N/A	N/A	N/A	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator
139	Commercial Sector (C)	2016											
140	Commercial Sector (C)	2016											
141	Commercial Sector (C)	2016											
142	Commercial Sector (C)	2016											
143	Commercial Sector (C)	2016											
144	Commercial Sector (C)	2016											
145	Commercial Sector (C)	2016											

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
146	Commercial Sector (C)	2016											
147	Commercial Sector (C)	2016											
148	Commercial Sector (C)	2016											
149	Commercial Sector (C)	2016											
150	Commercial Sector (C)	2016											
151	Commercial Sector (C)	2016											
152	Commercial Sector (C)	2016											
153	Commercial Sector (C)	2016											
154	Commercial Sector (C)	2016											
155	Commercial Sector (C)	2016											
156	Commercial Sector (C)	2016											
157	Commercial Sector (C)	2016											
158	Commercial Sector (C)	2016											
159	Commercial Sector (C)	2016											
160	Commercial Sector (C)	2016											
161	Commercial Sector (C)	2016											
162	Commercial Sector (C)	2016											
163	Commercial Sector (C)	2016											
164	Commercial Sector (C)	2016											
165	Commercial Sector (C)	2016											
166	Commercial Sector (C)	2016											
167	Commercial Sector (C)	2016											
168	Commercial Sector (C)	2016											
169	Commercial Sector (C)	2016											
170	Commercial Sector (C)	2016											
171	Commercial Sector (C)	2016											
172	Commercial Sector (C)	2016											
173	Commercial Sector (C)	2016											
174	Commercial Sector (C)	2016											
175	Commercial Sector (C)	2016											
176	Commercial Sector (C)	2016											
177	Commercial Sector (C)	2016											
178	Commercial Sector (C)	2016											
179	Commercial Sector (C)	2016											
180	Commercial Sector (C)	2016											
181	Commercial Sector (C)	2016											
182	Commercial Sector (C)	2016											

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
183	Commercial Sector (C)	/A - Indicator											
184	Commercial Sector (C)	/A - Indicator											
185	Commercial Sector (C)	/A - Indicator											
186	Commercial Sector (C)	/A - Indicator											
187	Commercial Sector (C)	/A - Indicator											
188	Public Sector (P)	2016											
189	Public Sector (P)	2016											
190	Public Sector (P)	2016											
191	Public Sector (P)	2016											
192	Public Sector (P)	2016											
193	Public Sector (P)	2016											
194	Public Sector (P)	2016											
195	Public Sector (P)	2016											
196	Public Sector (P)	2016											
197	Public Sector (P)	2016											
198	Public Sector (P)	2016											
199	Public Sector (P)	2016											
200	Public Sector (P)	2016											
201	Public Sector (P)	/A - Indicator											
202	Public Sector (P)	/A - Indicator											
203	Public Sector (P)	/A - Indicator											
204	Public Sector (P)	/A - Indicator											
205	Public Sector (P)	/A - Indicator											
206	Public Sector (P)	/A - Indicator											
207	Public Sector (P)	/A - Indicator											
208	Public Sector (P)	/A - Indicator											
209	Public Sector (P)	/A - Indicator											
210	Public Sector (P)	2016											
211	Public Sector (P)	/A - Indicator											
212	Public Sector (P)	/A - Indicator											
213	Public Sector (P)	2016											
214	Public Sector (P)	2016											
215	Public Sector (P)	2016											
216	Public Sector (P)	2016											
217	Public Sector (P)	2016											
218	Public Sector (P)	2016											
219	Public Sector (P)	/A - Indicator											

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
220	Public Sector (P)	2016											
221	Public Sector (P)	2016											
222	Public Sector (P)	/A - Indicator											
223	Industrial (I)	2016											
224	Industrial (I)	2016											
225	Industrial (I)	2016											
226	Industrial (I)	2016											
227	Industrial (I)	2016											
228	Industrial (I)	2016											
229	Industrial (I)	2016											
230	Industrial (I)	2016											
231	Industrial (I)	2016											
232	Industrial (I)	2016											
233	Industrial (I)	2016											
234	Industrial (I)	2016											
235	Industrial (I)	2016											
236	Industrial (I)	2016											
237	Industrial (I)	2016											
238	Industrial (I)	2016											
239	Industrial (I)	/A - Indicator											
240	Industrial (I)	/A - Indicator											
241	Industrial (I)	/A - Indicator											
242	Industrial (I)	2016											
243	Industrial (I)	2016											
244	Industrial (I)	2016											
245	Industrial (I)	2016											
246	Industrial (I)	2016											
247	Industrial (I)	2016											
248	Industrial (I)	2016											
249	Industrial (I)	2016											
250	Industrial (I)	2016											
251	Industrial (I)	2016											
252	Industrial (I)	2016											
253	Industrial (I)	2016											
254	Industrial (I)	2016											
255	Industrial (I)	2016											
256	Industrial (I)	2016											

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
257	Industrial (I)	2016											
258	Industrial (I)	2016											
259	Industrial (I)	2016											
260	Agricultural (A)	2016											
261	Agricultural (A)	2016											
262	Agricultural (A)	2016											
263	Agricultural (A)	2016											
264	Agricultural (A)	2016											
265	Agricultural (A)	2016											
266	Agricultural (A)	2016											
267	Agricultural (A)	2016											
268	Agricultural (A)	2016											
269	Agricultural (A)	2016											
270	Agricultural (A)	2016											
271	Agricultural (A)	2016											
272	Agricultural (A)	2016											
273	Agricultural (A)	2016											
274	Agricultural (A)	2016											
275	Agricultural (A)	2016											
276	Agricultural (A)	2016											
277	Agricultural (A)	2016											
278	Agricultural (A)	2016											
279	Agricultural (A)	2016											
280	Agricultural (A)	2016											
281	Agricultural (A)	2016											
282	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
283	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
284	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
285	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12 total	12 total	TBD	TBD
286	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12 total	12 total	TBD	TBD
287	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10 total	10 total	TBD	TBD
288	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10 total	10 total	TBD	TBD
289	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	1	TBD	TBD
290	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	1	TBD	TBD
291	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	25 total	25 total	TBD	TBD
292	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	138	138	TBD	TBD
293	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3,600	3,600	TBD	TBD

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
294	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	TBD	TBD
295	Codes & Standards (CS)	2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD	TBD
296	Codes & Standards (CS)	/A - Indicat	N/A - Indicator	Indicator	ndicator	N/A	N/A	6	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator
297	Codes & Standards (CS)	/A - Indicat	N/A - Indicator	Indicator	ndicator	N/A	N/A	21.40%	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator
298	Codes & Standards (CS)	/A - Indicat	N/A - Indicator	Indicator	ndicator	N/A	N/A	1	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator
299	Codes & Standards (CS)	/A - Indicat	N/A - Indicator	Indicator	ndicator	N/A	N/A	3.60%	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator
300	Codes & Standards (CS)	/A - Indicat	N/A - Indicator	Indicator	ndicator	N/A	N/A	8	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator	N/A - Indicator
301	Workforce Education and Training (WET)	2019	N/A	N/A	N/A	N/A	N/A	19	N/A	4	8	12	16
302	Workforce Education and Training (WET)	N/A	N/A	N/A	N/A	N/A	N/A	3	N/A	110	120	160	230
303	Workforce Education and Training (WET)	N/A	N/A	N/A	N/A	N/A	N/A	2.98%	N/A	0	0	0	0
304	Workforce Education and Training (WET)	N/A	N/A	N/A	N/A	N/A	N/A	0.26%	N/A	TBD	TBD	TBD	TBD
305	Workforce Education and Training (WET)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD	TBD
306	Workforce Education and Training (WET)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
307	Emerging Technologies (ET)	N/A											
308	Emerging Technologies (ET)	N/A											
309	Emerging Technologies (ET)	2016											
310	Emerging Technologies (ET)	2016											
311	Emerging Technologies (ET)	2016											
312	Emerging Technologies (ET)	N/A											
313	Emerging Technologies (ET)	N/A											
314	Emerging Technologies (ET)	N/A											
315	Emerging Technologies (ET)	N/A											

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
316	Emerging Technologies (ET)	N/A											
317	Emerging Technologies (ET)	N/A											
318	Emerging Technologies (ET)	N/A											
319	Emerging Technologies (ET)	N/A											
320	Emerging Technologies (ET)	N/A											
321	Emerging Technologies (ET)	N/A											
322	Emerging Technologies (ET)	N/A											
323	Emerging Technologies (ET)	N/A											
324	Emerging Technologies (ET)	N/A											
325	Emerging Technologies (ET)	N/A											
326	Emerging Technologies (ET)	N/A											
327	Emerging Technologies (ET)	N/A											
328	Emerging Technologies (ET)	N/A											
329	Emerging Technologies (ET)	N/A											
329													
330	Residential (RSF)	2020	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD
331	Codes & Standards (CS)	2021	TBD	ch (HTR)	tendees	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD

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Index	Sector	Baseline Year	Baseline Number	Baseline Num	Baseline Denom	2017 Achievements	2018 Achievements	2019 Achievements	2018 Target	2019 Target	2020 Target	Mid Term Annual Targets (2021-2023)	Long Term Annual Target (2024-2025)
332	Codes & Standards (CS)	2020	N/A - Indicator	Indicator	ndicator	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD
333	Workforce Education and Training (WET)	2021	N/A	ch (HTR)	tendees	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD
334	Workforce Education and Training (WET)	2020	N/A - Indicator	Indicator	ndicator	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD

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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
0	20			Per CEDARs	None	
1	1			Per CEDARs	None	
2	0			Per CEDARs	None	
3	20,535			Per CEDARs	None	
4	19,556			Per CEDARs	None	
5	2,521			Per CEDARs	None	
6	2,269			Per CEDARs	None	
7	3			Per CEDARs	None	
8	3			Per CEDARs	None	
9	60,123			Per CEDARs	None	
10	58,057			Per CEDARs	None	
11	13,939			Per CEDARs	None	
12	12,545			Per CEDARs	None	
13	-			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
14	-			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
15	8			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
16	7			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
17	49			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
18	44			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
19	-			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	Please note that during data quality review, this 2018 metric was found to
20	-			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	Please note that during data quality review, this 2018 metric was found to
21	29			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	Please note that during data quality review, this 2018 metric was found to
22	26			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	Please note that during data quality review, this 2018 metric was found to
23	260			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
24	234			Data pull from PA databases; DAC zipcodes per CalInviroScreen 3.0 Scores	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
25	1			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
26	0			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
27	20,535			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
28	19,556			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
29	2,521			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
30	2,269			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
31	3			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
32	3			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
33	60,123			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
34	58,057			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	

Table 1						
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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
35	13,939			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
36	12,545			Data pull from PA databases; HTR zipcodes from CALEPA and 2016 Census data	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	
37	2,172,867			Per CEDARs	None	
38	54.72			Per CEDARs	None	
39	742.23			Per CEDARs	None	
40	2,184,491			Per CEDARs	None	
41	55.01			Per CEDARs	None	
42	746.20			Per CEDARs	None	
43	1			Per CEDARs	None	
44	0			Per CEDARs	None	
45	20,535			Per CEDARs	None	
46	19,556			Per CEDARs	None	
47	2,521			Per CEDARs	None	
48	2,269			Per CEDARs	None	
49	3			Per CEDARs	None	
50	3			Per CEDARs	None	
51	60,123			Per CEDARs	None	
52	58,057			Per CEDARs	None	
53	13,939			Per CEDARs	None	
54	12,545			Per CEDARs	None	
55	20			Per CEDARs	Definition: Single family are defined as Service account on residential rates, with dwelling code of single family home or single family dwelling.	
56	0.01	3	284	D1D: Downstream methodology- ••Numerator: Total downstream savings claimed••Denominator: Total number of downstream participants	Per ED: "Energy savings" = lifecycle NET savings.	
57	204	58,057	284	D1D: Downstream methodology- ••Numerator: Total downstream savings claimed••Denominator: Total number of downstream participants	Per ED: "Energy savings" = lifecycle NET savings.	
58	44	12,545	284	D1D: Downstream methodology- ••Numerator: Total downstream savings claimed••Denominator: Total number of downstream participants	Per ED: "Energy savings" = lifecycle NET savings.	
59	N/A			D1M: Midstream methodology –NOT FEASIBLE••••Numerator: Total midstream savings claimed ••Denominator: (not available) number or sector of midstream	Per discussion with ED, metric not feasible; PAs instead will report total upstream and midstream savings. Per ED: "Energy savings" = lifecycle NET savings.	
60	N/A			D1M: Midstream methodology –NOT FEASIBLE••••Numerator: Total midstream savings claimed ••Denominator: (not available) number or sector of midstream	Per discussion with ED, metric not feasible; PAs instead will report total upstream and midstream savings. Per ED: "Energy savings" = lifecycle NET savings.	
61	N/A			D1M: Midstream methodology –NOT FEASIBLE••••Numerator: Total midstream savings claimed ••Denominator: (not available) number or sector of midstream	Per discussion with ED, metric not feasible; PAs instead will report total upstream and midstream savings. Per ED: "Energy savings" = lifecycle NET savings.	
62	N/A			D1O Methodology: Only ex post savings can be claimed. Per participant savings will be calculated in the EM&V study.	D1O Key Definitions: 1) The only opt-out program is the Home Energy Report using social norming through neighborhood comparisons 2) Per ED: "Energy savings" = lifecycle NET savings.	
63	N/A			D1O Methodology: Only ex post savings can be claimed. Per participant savings will be calculated in the EM&V study.	D1O Key Definitions: 1) The only opt-out program is the Home Energy Report using social norming through neighborhood comparisons 2) Per ED: "Energy savings" = lifecycle NET savings.	
64	N/A			D1O Methodology: Only ex post savings can be claimed. Per participant savings will be calculated in the EM&V study.	D1O Key Definitions: 1) The only opt-out program is the Home Energy Report using social norming through neighborhood comparisons 2) Per ED: "Energy savings" = lifecycle NET savings.	
65	N/A			D1U: Upstream methodology– NOT FEASIBLE••Numerator: Total upstream savings claimed••Denominator: (not available) number or sector of of upstream	Per discussion with ED, metric not feasible; PAs instead will report total upstream and midstream savings. Per ED: "Energy savings" = lifecycle NET savings.	
66	N/A			D1U: Upstream methodology– NOT FEASIBLE••Numerator: Total upstream savings claimed••Denominator: (not available) number or sector of of upstream	Per discussion with ED, metric not feasible; PAs instead will report total upstream and midstream savings. Per ED: "Energy savings" = lifecycle NET savings.	
67	N/A			D1U: Upstream methodology– NOT FEASIBLE••Numerator: Total upstream savings claimed••Denominator: (not available) number or sector of of upstream	Per discussion with ED, metric not feasible; PAs instead will report total upstream and midstream savings. Per ED: "Energy savings" = lifecycle NET savings.	
68	0.06%	284	470,826	P1 Methodology: ••Numerator: Number of downstream participants) ••Denominator: total number of service accounts in the sector	Definition: "Eligible population" refers to Total number of service accounts in sector/segment, excluding CARE. "Participation" is defined as the first instance of participation, should a customer participate more than once or	
69	0.06%	4	6,368	Numerator: Number of participants in disadvantaged communities.••••Denominator: Total number of customers in disadvantaged	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
70	0.26%	284	107,848	P4 Methodology:••Numerator: number of participants in HTR geographic area••Denominator: Total number of service accounts in HTR geographic area	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	Since PG&E does not yet report language data, this metric identifies
71	2,172,867			Per CEDARs	None	

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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
72	54.72			Per CEDARs	None	
73	742.23			Per CEDARs	None	
74	2,184,491			Per CEDARs	None	
75	55.01			Per CEDARs	None	
76	746.20			Per CEDARs	None	
77	N/A			Numerator: Total energy used in sector••Denominator: number of service accounts	Definition: Household refers to a service account	
78	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
79	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
80	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
81	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
82	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
83	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
84	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
85	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
86	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
87	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
88	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
89	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
90	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
91	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
92	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
93	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
94	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
95	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
96	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
97	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
98	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
99	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
100	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
101	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
102	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
103	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
104	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
105	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
106	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
107	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
108	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012

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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
109	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
110	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
111	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
112	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
113	-			Savings calculated using CET; MF designation depends on PA database	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	PG&E consulted the American Community Survey and the 2010-2012
114	-			Per CEDARS	Definition: Multi-family refers to any buliding or property with at least two residential housing units.	
115	-			••D3 Methodology:••Numerator: Total Savings claimed for MF building retrofits••Denominator: Number of buildings that have been retrofitted, per	D3 Key Definitions: Project applications are made at the property level (premise ID and service account number) not the building level; building information will be used as is available on project applications••"Energy savings" = Lifecycle	Since PG&E does not require building information to be collected and
116	-			••D3 Methodology:••Numerator: Total Savings claimed for MF building retrofits••Denominator: Number of buildings that have been retrofitted, per	D3 Key Definitions: Project applications are made at the property level (premise ID and service account number) not the building level; building information will be used as is available on project applications••"Energy savings" = Lifecycle	Since PG&E does not require building information to be collected and
117	-			••D3 Methodology:••Numerator: Total Savings claimed for MF building retrofits••Denominator: Number of buildings that have been retrofitted, per	D3 Key Definitions: Project applications are made at the property level (premise ID and service account number) not the building level; building information will be used as is available on project applications••"Energy savings" = Lifecycle	Since PG&E does not require building information to be collected and
118	-			••D4 Methodology:••Numerator - Total downstream savings ••••Denominator - number of participating properties (i.e., premise ID x service account}••	D4 Definition: "Project (property)" is defined by a unique project ID. "Energy savings" = Lifecycle NET savings	
119	-			••D4 Methodology:••Numerator - Total downstream savings ••••Denominator - number of participating properties (i.e., premise ID x service account}••	D4 Definition: "Project (property)" is defined by a unique project ID. "Energy savings" = Lifecycle NET savings	
120	-			••D4 Methodology:••Numerator - Total downstream savings ••••Denominator - number of participating properties (i.e., premise ID x service account}••	D4 Definition: "Project (property)" is defined by a unique project ID. "Energy savings" = Lifecycle NET savings	
121	-			D5 Methodology: ••[Numerator] Total downstream savings ••••[Denominator] Total MF square foot per Assessor data	Per ED: "Energy savings" = lifecycle NET savings.	PG&E does not currently collect square footage data from multi-family
122	-			D5 Methodology: ••[Numerator] Total downstream savings ••••[Denominator] Total MF square foot per Assessor data	Per ED: "Energy savings" = lifecycle NET savings.	PG&E does not currently collect square footage data from multi-family
123	-			D5 Methodology: ••[Numerator] Total downstream savings ••••[Denominator] Total MF square foot per Assessor data	Per ED: "Energy savings" = lifecycle NET savings.	PG&E does not currently collect square footage data from multi-family
124	0.00%			P1 Methodology: ••Numerator: Number of downstream participating properties (unique project ID) ••Denominator: total number of properties (unique service	Participation is defined as the first instance of participation, should a customer participate more than once or participate in multiple programs in the calendar year. PAs also need to have enough information about a customer to	PG&E has not historically tracked and reported the number of unique
125	0.00%			P1 Methodology: ••Numerator: Number of downstream participating MF units (unique service account = "unit") ••Denominator: total number of units (service	Participation is defined as the first instance of participation, should a customer participate more than once or participate in multiple programs in the calendar year. PAs also need to have enough information about a customer to	PG&E has not historically tracked and reported the number of unique units
126	0.00%			P2 Methodology: ••••Numerator: # service accounts participating x average sqft/service account)••••Denominator: Square footage of all eligible accounts (per		PG&E does not currently collect square footage data from multi-family
127	0.00%			Numerator: Number of participants (service accounts) in disadvantaged communities.••••Denominator: Total number of customers (service accounts) in	D.18-05-041: DAC = Service accounts in zip codes corresponding to census tracts in the top quartile of CalEnviroScreen 3.0 scores.	
128	0.00%			P4 Methodology:••Numerator: number of participants in HTR geographic area••Denominator: Total number of service accounts in HTR geographic area	D.18-05-041 p. 43 - HTR as defined in Resolution G-3497, modified to "include disadvantaged communities (as designated by CalEPA) in the geographic criteria for hard to reach customers."	Since PG&E does not collect language data, this metric identifies residential
129	0.00%			~~Total benchmarked units in RMF sector••Total number of service account in RMF sector••••Benchmarked via Portfolio Manager••••2019 MF with 17 or units MUST~~		PG&E attempted to identify the number of MF properties from the
130	0.00%			~~Benchmarking per Portfolio Manager. Service accounts in HTR market~~		Since PG&E does not collect language data, this metric identifies multifamily
131	-			Per CEDARs	None	
132	-			Per CEDARs	None	
133	-			Per CEDARs	None	
134	-			Per CEDARs	None	
135	-			Per CEDARs	None	
136	-			Per CEDARs	None	
137	-			Numerator: Total usage of Res MF sector••••Denominator: total units (service accounts) in Res MF sector		PG&E will use unique premise and account IDs as a proxy for total units in
138	-			Numerator: Total usage of Res MF sector••••Denominator: average number of units in MF buiilding times average square footage of MF units		PG&E will use unique premise and account ID as a proxy for total units in
139				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
140				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
141				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
142				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
143				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
144				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
145				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings

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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
146				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
147				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
148				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
149				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
150				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
151				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
152				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
153				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
154				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
155				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
156				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
157				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
158				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
159				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
160				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
161				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
162				Numerator = Metric C1 Denominator = Total commercial usage from PG&E database	None	
163				Calculated using CET, and reported by sector consistent with primary sector groupings in CEDARS PROGRAM specification.	Includes CO2 (in metric tons) but not NOX and PM10 as these are not GHG equivalents. For details regarding electric C02 emissions reduction values, refer to note in cell AA5	
164				Did not calculate as Attachment A states: "Energy savings (gross kWh, therms) as a fraction of total project consumption. Does not include gross kW.	None	
165				Numerator: Energy savings claimed for commercial projects, consistent with CEDARS PROGRAM classification	"Project" is defined as "per application"	
166				Numerator: Energy savings claimed for commercial projects, consistent with CEDARS PROGRAM classification	"Project" is defined as "per application"	
167				Numerator: Number of participating large customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Large customers are defined as those using greater than or equal to 500,000 kWh or 250,000 therms annually.	
168				Numerator: Number of participating medium customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Medium customers are defined as those who use between 40,000-500,000kWh or 10,000-250,000 therms annually.	
169				Numerator: Number of participating small customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Small customers are defined as those who use less than 40,000 kWh or 10,000 therms annually.	
170				Numerator: square footage of participating service commercial customers Denominator: square footage of the commercial sector	PG&E does not currently collect square footage data from participants. The numerator for this metric multiplies the number of commercial sector participants by the average square footage of commercial buildings in PG&E's service	PG&E also considered using data from the Commercial Saturation Survey to
171				Numerator: Number of commercial HTR participants (unique account and premise ID)	HTR customers defined in accordance with D.18-05-041.	PG&E does not currently collect whether a commercial customer rents
172				Numerator: Total square footage of benchmarked commercial buildings in Portfolio Manager using PG&E portal	This metric includes buildings benchmarked within the calendar year	PG&E estimated the total square footage of the commercial sector using
173				Numerator: Number of large commercial customers that benchmarked on Portfolio Manager using PG&E portal	Large customers are defined consistent with criteria approved in PG&E's Business Plan. Specifically, large customers use more than 500,000 kWh or 250,000 therms per year.	PG&E considered using data on covered commercial buildings from the
174				Numerator: Number of medium commercial customers that benchmarked on Portfolio Manager using PG&E portal	Medium customers are defined consistent with criteria approved in PG&E's Business Plan. Specifically, medium customers use between 40,000-500,000 kWh or 10,000-250,000 therms per year.	PG&E considered using data on covered commercial buildings from the
175				Numerator: Number of small commercial customers that benchmarked on Portfolio Manager using PG&E portal	Small customers are defined consistent with criteria approved in PG&E's Business Plan. Specifically, small customers use less than 40,000 kWh or 10,000 therms per year.	PG&E considered using data on covered commercial buildings from the
176				Numerator: number of commercial HTR customers that benchmarked on Portfolio Manager using PG&E portal	HTR customers defined based on D.18-05-041.	PG&E does not currently collect whether a commercial customer rents
177				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
178				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
179				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
180				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
181				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
182				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	

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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
183				Per CAEECC meeting : " Fraction of total custom projects utilizing NMEC to estimate savings".••••Data from CMPA (Custom Measure and Project Archive)		
184				Per CAEECC Meeting: " Fraction of total custom savings derived from NMEC analysis".••••Data from CMPA.		
185				Per CAEECC Meeting: M&E will develop and field a consistent survey instrument annually.		
186				Per CAEECC Meeting: M&E will develop and field a consistent survey instrument annually.	Numerator = Current Year Percentage - Baseline Year Percentage. Denominator = Baseline Year Percentage.	Informal Survey of Trade Pros found for each of the previous target years.
187				Per CAEECC meeting: and ED : Numerator: Total incentive amounts		
188				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
189				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
190				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
191				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
192				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
193				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
194				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
195				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
196				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
197				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
198				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
199				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	Since the Potential Study does not distinguish public sector energy savings
200				Calculated using CET, and reported by sector consistent with primary sector groupings in CEDARS PROGRAM specification.	Includes CO2 but not NOX and PM10 as these are not GHGs. For details regarding electric C02 emissions reduction values, refer to note in cell AA5	
201				Numerator - Total savings claimed for MF retrofit projects Denominator - Number of participating properties		
202				Numerator - Total savings claimed for MF retrofit projects Denominator - Number of participating properties		
203				Numerator - Total savings claimed for MF retrofit projects Denominator - Number of participating properties		
204				Numerator: Total downstream savings Denominator Total number of service accounts participating. x average square		
205				Numerator: Total downstream savings Denominator: Total number of service accounts participating. x average square		
206				Numeartor: Total downstream savings Denominator: Total number of service accounts participating. x average square		
207				Numerator: claimed savings from water/wastewater customers Denominator: Baseline energy usage as reported on project applications		
208				Numerator: claimed savings from water/wastewater customers Denominator: Baseline energy usage as reported on project applications		
209				Numerator: claimed savings from water/wastewater customers Denominator: Baseline energy usage as reported on project applications		
210				Numerator: Number of public sector unique account and premise IDs that participated in an EE program	Participation is defined as the first instance of participation. Public sector customers are defined by NAICS codes.	
211				Numerator: square footage of participating unique account and premise IDs Denominator: Square footage of all unique public sector premise and account IDs		
212				As reported by water/wastewater treatment facilities' pumping stations that respond to survey		
213				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
214				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
215				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
216				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
217				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
218				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
219				Total amount loaned through PA programs	"Total program backed financing...requiring repayment" = total loan amount	

Table 1						
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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
220				Numerator: Number of public sector buildings benchmarked on Portfolio Manager using PG&E portal	This metric includes buildings benchmarked within the calendar year	PG&E used the number of unique account and premise IDs as a proxy for
221				Numerator: Total sector-level energy use from PG&E database (gas + electric) Denominator: Number of unique public sector account and premise IDs		
222				Numerator: Total square footage of public buildings benchmarked within calendar year, in Portfolio Manager	This metric includes buildings benchmarked within the calendar year	
223				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
224				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
225				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
226				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
227				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
228				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
229				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
230				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
231				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
232				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
233				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
234				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
235				Calculated using CET, and reported by sector consistent with primary sector groupings in CEDARS PROGRAM specification.	Includes CO2 but not NOX and PM10 as these are not GHG equivalents. For details regarding electric C02 emissions reduction values, refer to note in cell AA5	
236				Numerator: Number of participating large customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Large customers are defined as those using greater than or equal to 500,000 kWh or 250,000 therms annually.	
237				Numerator: Number of participating medium customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Medium customers are defined as those who use between 40,000-500,000kWh or 10,000-250,000 therms annually.	
238				Numerator: Number of participating small customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Small customers are defined as those who use less than 40,000 kWh or 10,000 therms annually.	
239				Numerator: Annual number of large industrial participants (by service account) that have not received an incentive for the past 3 years	Large customers are defined as those using greater than or equal to 500,000 kWh or 250,000 therms annually.	
240				Numerator: Annual number of medium industrial participants (by service account) that have not received an incentive for the past 3 years	Medium customers are defined as those who use between 40,000-500,000kWh or 10,000-250,000 therms annually.	
241				Numerator: Annual number of small industrial participants (by service account) that have not received an incentive for the past 3 years	Small customers are defined as those who use less than 40,000 kWh or 10,000 therms annually.	
242				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
243				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
244				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
245				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
246				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
247				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
248				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
249				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
250				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
251				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
252				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
253				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
254				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
255				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
256				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	

Table 1						
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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
257				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
258				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
259				Numerator = Metric IN 1 Denominator = Total sectoral usage from PG&E database	Defined as savings as a percentage of sectoral usage, based on conversations between PAs and ED.	
260				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
261				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
262				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
263				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
264				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
265				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
266				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
267				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
268				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
269				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
270				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
271				Baseline data is reported consistent with primary sector groups in CEDARS PROGRAM specification and aligns with achievements reported in 2016 Annual	None	
272				Calculated using CET, and reported by sector consistent with primary sector groupings in CEDARS PROGRAM specification.	Includes CO2 (in metric tons) but not NOX and PM10 as these are not GHG equivalents. For details regarding electric C02 emissions reduction values, refer to note in cell AA5	
273				Numerator: Number of participating large customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Large customers are defined as those using greater than or equal to 500,000 kWh or 250,000 therms annually.	
274				Numerator: Number of participating medium customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Medium customers are defined as those who use between 40,000-500,000kWh or 10,000-250,000 therms annually.	
275				Numerator: Number of participating small customers (defined by unique combination of account and premise ID)	Participation is defined as the first instance of participation. Small customers are defined as those who use less than 40,000 kWh or 10,000 therms annually.	
276				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
277				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
278				PAC cost per kWh or per therm or per kW is (PAC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (PAC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
279				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
280				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
281				TRC cost per kWh or per therm or per kW is (TRC Cost x Electric Benefits/Total Benefits)/Lifecycle Net kWh or (TRC Cost x Gas Benefits/Total Benefits)/Lifecycle Net	Levelized costs are reported by sector consistent with primary sector groupings in CEDARS PROGRAM specifications.	
282	N/A	N/A	N/A	EM&V study	2018-2025 consistent with adopted goals from D.17-09-025, Tables 1, 2, and 3, p. 37-39, 2016 from CEDARS (spillover not included). Values summed across all four IOUs. "Savings" is defined as Net First year savings.	
283	N/A	N/A	N/A	EM&V study	2018-2025 consistent with adopted goals from D.17-09-025, Tables 1, 2, and 3, p. 37-39, 2016 from CEDARS (spillover not included). Values summed across all four IOUs. "Savings" is defined as Net First year savings.	
284	N/A	N/A	N/A	EM&V study	2018-2025 consistent with adopted goals from D.17-09-025, Tables 1, 2, and 3, p. 37-39, 2016 from CEDARS (spillover not included). Values summed across all four IOUs. "Savings" is defined as Net First year savings.	
285	N/A	N/A	N/A	Measures supported by CASE	Baseline and targets for measures supported are for 3 year cycle rather than annual.	IOUs report
286	N/A	N/A	N/A	Measures adopted by CEC	Baseline and targets for measures supported are for 3 year cycle rather than annual.	IOUs report
287	N/A	N/A	N/A	T-20 measures supported by CASE	Baseline is annual. Targets for measures supported are for 3 year cycle rather than annual. 2017 chosen as baseline since 2016 was zero.	IOUs report
288	N/A	N/A	N/A	Measures adopted by CEC	Baseline is annual. Targets for measures adopted are for 3 year cycle rather than annual.	IOUs report
289	N/A	N/A	N/A	Standards adopted	Baselines and targets are annual. Any federal standards based upon Title 20 that were adopted will still be included in the federal count.	IOUs report
290	N/A	N/A	N/A	# IOUs supported ÷ # DOE adopted	Baselines and targets are annual.	IOUs report
291	N/A	N/A	N/A	Reach Code ordinances implemented	Targets are total for a three-year Title 24 code cycle. Jurisdictions having multiple reach codes will be counted by reach code rather than by jurisdiction. Accomplishments will be reported from the CEC Reach	IOUs report
292	N/A	N/A	N/A	Number of training activities	118 live training sessions and 20 webinars in 2017; short, mid, and long-term targets are annual	
293	N/A	N/A	N/A	Not applicable to 3C-REN. Number of participants	3000 attendees for live training and 600 attendees for webinars in 2017; short, mid, and long-term targets are annual. Attendees will be shown by major segment (i.e., building officials, builders, architects, HERS	

Table 1						
2022-2(						
Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
294	N/A	N/A	N/A	Knowledge score	Code compliance knowledge increase will be tested via pre and post training questionnaires. Surveys will be conducted for training that lasts longer than three hours (in order to preserve time for instruction in	
295	N/A	N/A	N/A	Percentage increase in closed permits. 3C-REN in collaboration with BayREN explored potential options to		
296	11	N/A	N/A	Number of jurisdictions participating		
297	39.29%	11	28	Numerator: Number of City or County local government jurisdictions participating in a Forum; Denominator: Number of City of County local government jurisdictions in	An Energy Policy Forum is a 3C-REN Codes and Standards Program hosted regional event for public/private building professionals and addressing energy use, energy efficiency, and or Title 24 compliance	
298	6	N/A	N/A	Number of jurisdictions receiving assistance		
299	21.40%	6	28	Percent of jurisdictions receiving assistance		
300	51	N/A	N/A	Number of buildings receiving support		
301	22	N/A	N/A	Collaboration agreements are not required.	Collaborations mean sharing mutually-beneficial resources such as training materials, expertise, and marketing/outreach tactics that help achieve WE&T goals and outcomes and that support the collaborating	
302	416	N/A	N/A	Report from class registration database.	"Sector" refers to: a. Residential versus non-residential b. Energy efficiency training topic area (e.g., Lighting, HVAC, Agriculture) "Participants" means aggregate class attendance, meaning that one person attending two classes throughout the year would qualify as two participants. This is an accurate measurement of audience interest per topic / sector. Please note that the IOUs will begin using a standard categorization of training topic areas in 2018.	
303	2.33%	296	12,711	Numerator: Report from class registration database. Denominator: Advanced Energy Economy Institute (AEEI) report finding:	"Participation" means unique participants, meaning that one person attending two classes throughout the year would be counted as one participant.	
304	3.72%	11	296	Report of provided zip codes from class registration database cross-referenced with the list of "disadvantaged worker" zip codes. Please note that	"Disadvantaged Worker" means a worker that (1) has a referral from a collaborating community-based organization (CBO), state agency, or workforce investment board; or (2) lives in a ZIP code that is in the top	
305	N/A	N/A	N/A	Disadvantaged worker tracking is currently not required by PA contract terms and conditions.	"Applies only to programs that install, modify, repair, or maintain EE equipment where the incentive is paid to an entity other than a manufacturer, distributor, or retailer of equipment. This applicability standard is adopted	
306	N/A	N/A	N/A	CWR program does not yet exist.	Number Career & Workforce Readiness (CWR) participants who have been employed for 12 months after receiving the training	
307				Data for this metric will be gathered from 3P TPM Implementers annually.	1) Technology priority maps (TPMs) are defined in the Business Plan 2) Technology-focused pilot: See ETP-M7	
308				Data for this metric will be gathered from 3P TPM Implementers annually.	1) Technology priority maps (TPMs) are defined in the Business Plan	
309				Data for this metric will be gathered from 3P TPM Implementers annually.	1) Technology priority maps (TPMs) are defined in the Business Plan 2) Projects are considered "initiated" when project budget has been approved and funding allocated.	
310				Each ETP event will provide data for ETP-M4 and ETP-M5 simultaneously.** Data for this metric will be gathered from TPM Implementers annually based on	1) "Technology developers" – Any organization or company that develops energy efficiency and demand response technology suitable for inclusion in PA incentive programs 2) "Events" – ET Summit, webinars, and in-person meetings,	
311				Each ETP event will provide data for ETP-M4 and ETP-M5 simultaneously.** Data for this metric will be gathered from 3P TPM Implementers annually based on	1) "Technology developers" – Any organization or company that develops energy efficiency and demand response technology suitable for inclusion in PA incentive programs. 2) "Events" – ET Summit, webinars, and in-person meetings,	
312				ETP-M6 metric is a subset of ETP-M7 and counted towards ETP-M7 targets. All targets will be determined by 3P TPM implementers.	1) "Cooperation" is defined as a process by which all parties work towards a mutual objective.	
313				Data for this metric will be gathered from 3P TPM Implementers annually.	1) A technology-focused pilot (TFP) will identify market barriers for a diverse range of high-impact technologies through studies, and subsequently breaking down identified barriers in collaboration with other relevant programs . 2)	
314				Per ED: Baseline, methodology, and targets need to be determined by ED evaluation contractors. ED evaluators can make recommendations on what suitable targets would be. ETP Tracking Metrics 1 – 5 need to be determined at the same time as part of calculating savings (ETP-T5), and because ETP impact and savings are involved, ED evaluators need to make these determinations. Baselines will not be available until then.	ETP-T1 through ETP -T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041. PAs had proposed that tracking metrics have no targets in the July 14, 2017 metrics filing, however the commission ruled that these tracking metrics must have targets.	
315				Per ED: Baseline, methodology, and targets need to be determined by ED evaluation contractor. ETP Tracking Metrics 1 – 5 need to be determined at the same time as part of calculating savings (ETP-T5), and because ETP impact and savings are involved, ED evaluators need to make these determinations. Baselines will not be available until then.	ETP-T1 through ETP -T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041. PAs had proposed that tracking metrics have no targets in the July 14, 2017 metrics filing, however the commission ruled that these tracking metrics must have targets.	

Table 1

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Index	2020 Achievements	2020 Numerator	2020 Denominator	Methodology	Key Definitions	Proxy Explanation
316				Per ED: Baseline, methodology, and targets need to be determined by ED evaluation contractor.	ETP-T1 through ETP -T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041. PAs had proposed that tracking metrics have no targets in the July 14, 2017 metrics filing, however the commission ruled that these tracking metrics must have targets.	
317				Per ED: Baseline, methodology, and targets need to be determined by ED evaluation contractor. ETP Tracking Metrics 1 – 5 need to be determined at the same time as part of calculating savings (ETP-T5), and because ETP impact and savings are involved, ED evaluators need to make these determinations. Baselines will not be available until then. PAs will work with ED to support matching ETP content to portfolio content.	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041. PAs had proposed that tracking metrics have no targets in the July 14, 2017 metrics filing, however the commission ruled that these tracking metrics must have targets.	
318				Per ED: Baseline, methodology, and targets need to be determined by ED evaluation contractor. ETP Tracking Metrics 1 – 5 need to be determined at the same time as part of calculating savings (ETP-T5), and because ETP impact and savings are involved, ED evaluators need to make these determinations. Baselines will not be available until then.	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041. PAs had proposed that tracking metrics have no targets in the July 14, 2017 metrics filing, however the commission ruled that these tracking metrics must have targets. ETP is a non-resource program and does not make savings claims.	
319				Per ED: Baseline, methodology, and targets need to be determined by ED evaluation contractor. ETP Tracking Metrics 1 – 5 need to be determined at the same time as part of calculating savings (ETP-T5), and because ETP impact and savings are involved, ED evaluators need to make these determinations. Baselines will not be available until then.	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041. PAs had proposed that tracking metrics have no targets in the July 14, 2017 metrics filing, however the commission ruled that these tracking metrics must have targets. ETP is a non-resource program and does not make savings claims.	
320				Per ED: Baseline, methodology, and targets need to be determined by ED evaluation contractor. ETP Tracking Metrics 1 – 5 need to be determined at the same time as part of calculating savings (ETP-T5), and because ETP impact and savings are involved, ED evaluators need to make these determinations. Baselines will not be available until then.	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041. PAs had proposed that tracking metrics have no targets in the July 14, 2017 metrics filing, however the commission ruled that these tracking metrics must have targets. ETP is a non-resource program and does not make savings claims.	
321				Data for this metric will be gathered from 3P TPM implementers annually. If ideas are submitted both outside and as part of the TPM-aligned research planning	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
322				Data for this metric will be gathered from 3P TPM implementers annually. If ideas are submitted both outside and as part of the TPM-aligned research planning	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
323				Data for this metric will be gathered from 3P TPM implementers annually. If ideas are submitted both outside and as part of the TPM-aligned research planning	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
324				Data for this metric will be gathered from 3P TPM implementers annually. If ideas are submitted both outside and as part of the TPM-aligned research planning	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
325				Data for this metric will be gathered from 3P TPM implementers. If ideas are submitted both outside and as part of the TPM-aligned research planning process, it	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
326				Data for this metric will be gathered from 3P TPM implementers. If ideas are submitted both outside and as part of the TPM-aligned research planning process, it	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
327				Data for this metric will be gathered from 3P TPM implementers. If ideas are submitted both outside and as part of the TPM-aligned research planning process, it	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
328				Data for this metric will be gathered from 3P TPM implementers. If ideas are submitted both outside and as part of the TPM-aligned research planning process, it	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
329				Data for this metric will be gathered from 3P TPM implementers. An ETP project may align with multiple statewide goals and will be listed under each goal. **	ETP-T1 through ETP-T8 are in a table titled "Emerging Technologies Tracking (Reporting)" and are separate from the metrics ETP-M1 through ETP-M7 in the table titled "Emerging Technologies Metrics" in Attachment A of D.18-05-041.	
329						
330	TBD	TBD	TBD	Share a report that provides jurisdiction-specific estimated GHG emission reductions from 3C-REN programs. Provide to jurisdictions with GHG emission reduction goals to inform Climate Action and Adaptation Plans (CAAP).		
331	N/A	N/A	N/A	From 3C-REN events, collect HTR criteria qualifiers from all attendees. Calculate the number of attendees considered HTR over the total number of attendees.		

Table 1						
2022-2(						
Index	**2020 Achievements**	**2020 Numerator**	**2020 Denominator**	**Methodology**	**Key Definitions**	**Proxy Explanation**
332	N/A	N/A	N/A	Administer a survey after trainings and then six months and one year out. The questions asked will align with indicator.		
333	N/A	N/A	N/A	From 3C-REN events, collect HTR criteria qualifiers from all attendees. Calculate the number of attendees considered HTR over the total number of attendees.		
334	TBD	N/A	N/A	Administer a survey after trainings and then six months and one year out. The questions asked will align with indicator.		

Tri-County Regional Energy Network (3C-REN)

Advice Letter 8-E-A/7-G-A

2022-2023 BBAL

Attachment B: CEDARS Confirmation Sheet

CEDARS FILING SUBMISSION RECEIPT

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

PA: Tri-county Regional Energy Network (TCR)

Budget Filing Year: 2022

Submitted: 20:55:02 on 20 Dec 2021

By: Casey Connorton

Advice Letter Number: 8-E-A/ 7-G-A

* Portfolio Budget Filing Summary *

- TRC: 0.33
- PAC: 0.39
- TRC (no admin): 0.8
- PAC (no admin): 1.38
- RIM: 0.39
- Budget: $9,674,348.69
- TotalSystemBenefit: $3,697,287.74
- ElecBen: $2,378,361.06
- GasBen: $1,476,917.69
- OtherBen: $0.00
- TRCCost: $11,803,623.51
- PACCost: $9,769,052.92

* Programs Included in the Budget Filing *

- TCR-CS-001: Codes & Standards
- TCR-EMV-001: TCR EM&V;
- TCR-Res-002: Multifamily
- TCR-Res-003: Single Family NMEC
- TCR-WET-001: Workforce Education & Training

CEDARS FILING SUBMISSION RECEIPT

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

PA: Tri-county Regional Energy Network (TCR)

Budget Filing Year: 2023

Submitted: 20:56:04 on 20 Dec 2021

By: Casey Connorton

Advice Letter Number: 8-E-A/ 7-G-A

* Portfolio Budget Filing Summary *

- TRC: 0.4
- PAC: 0.47
- TRC (no admin): 0.86
- PAC (no admin): 1.23
- RIM: 0.47
- Budget: $12,681,304.44
- TotalSystemBenefit: $5,849,798.87
- ElecBen: $4,063,456.43
- GasBen: $1,966,896.05
- OtherBen: $0.00
- TRCCost: $14,949,099.73
- PACCost: $12,794,848.51

* Programs Included in the Budget Filing *

- TCR-CS-001: Codes & Standards
- TCR-EMV-001: TCR EM&V;
- TCR-Res-002: Multifamily
- TCR-Res-003: Single Family NMEC
- TCR-WET-001: Workforce Education & Training