



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:

- ELC GAS WATER
 PLC HEAT

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

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 9-E/8-G

Tier Designation: 2

Subject of AL: 3C-REN 2024-2027 Energy Efficiency Portfolio True-Up Advice Letter

Keywords (choose from CPUC listing):

AL Type: Monthly Quarterly Annual One-Time Other: Prior to start of a four-year portfolio

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: In compliance with D.18-05-041, D.21-05-031, D.21-09-037 and D.23-06-055

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL: N/A

Confidential treatment requested? Yes No

If yes, specification of confidential information:

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

Resolution required? Yes No

Requested effective date: 11/15/23

No. of tariff sheets: N/A

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 proposed¹: None

Pending advice letters that revise the same tariff sheets: None

¹Discuss in AL if more space is needed.

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

California Public Utilities Commission
Energy Division Tariff Unit Email:
EDTariffUnit@cpuc.ca.gov

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



October 16, 2023

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

3C-REN Advice Letter 9-E/8-G
(CPUC # 220)

Tier Designation

This Advice Letter has a Tier 2 designation pursuant to Decision 21-05-031, Ordering Paragraph 10.

Subject

3C-REN 2024-2027 Energy Efficiency Portfolio True-Up Advice Letter

Purpose

The purpose of this Tier 2 advice letter is to true-up the portfolio and savings forecast of the Tri-County Regional Energy Network (3C-REN) portfolio following the approval of its portfolio in Decision (D.) 23-06-005 This advice letter is filed in compliance with Ordering Paragraph (OP) 38 of D.23-06-055, which directs portfolio administrators (PAs)¹ to submit their true-up advice letter (TUAL) no later than 60 days after the Commission issues a decision updating the energy efficiency potential and goals in Rulemaking 13-11-005.

Background

The 3C-REN is a collaboration of three counties, Ventura, Santa Barbara, and San Luis Obispo, in the California Central Coast Region, with a diverse service area that is geographically isolated

¹ Per D.23-06-055 page 3, footnote 1, “In the past, the Commission has used the abbreviation “PAs” to refer to “program administrators.” However, as much of the portfolio has transitioned to being third-party designed and delivered, in this decision we are moving to the use of the term “portfolio administrator,” but using the same “PA” abbreviation.”

from utility hubs, has pockets of rural and disadvantaged communities, and large, underserved Spanish-speaking populations. After several years' experience and cooperative administration of energy and sustainability programs, the three counties formed the 3C-REN, led by the County of Ventura, to better leverage resources in the delivery of effective programs on a regional level. In D.16-08-019², the California Public Utilities Commission (CPUC or Commission) provided guidance for Energy Efficiency (EE) Rolling Portfolio Business Plan (BP) filings and included consideration of the formation of new Regional Energy Networks (RENs). Since filing 3C-REN's business plan to serve public agencies and their constituencies within Southern California Edison's (SCE's), Southern California Gas's (SoCalGas's), and Pacific Gas and Electric's (PG&E's) service territories, 3C-REN has continued participation in the California Energy Efficiency Coordinating Committee (CAEECC) process. 3C-REN remains intent on delivering programs that meet CPUC criteria as indicated by D.12-11-015 in the formation and implementation of programs including: filling gaps that the investor-owned utilities (IOUs) are not serving; developing programs targeting hard-to-reach markets; and piloting new approaches to programs that have the potential to scale and offer innovative avenues to energy savings.

In D.14-10-046 the Commission authorized funding for EE programs until 2025. In 2015 the Commission issued D.15-10-028 approving the mechanics for EE rolling portfolio and outlining the business plan application process. On January 23, 2017, 3C-REN filed a motion for approval of its rolling portfolio business plan and budget proposal. Decisions 15-10-028 and 18-05-041 provided the requirements of the Annual Budget Advice Letter (ABAL) and directed PAs to file ABALs. In D.19-05-019 the Commission directed the ABALs going forward to include the results of the Program Administrator Cost (PAC) and the Ratepayer Impact Measure (RIM) test and cost-effectiveness estimates.

In March 2022 3C-REN filed a business plan application to continue already approved and performing programs and approve three additional programs.

3C-REN's most recent submittal of this kind was the Biennial Budget Advice Letter (BBAL) in November 2021. In preparation for the TUAL, 3C-REN followed direction given by the Commission, as well as stakeholder guidance and best practices to inform updates made to its budget and forecasted savings. 3C-REN's budget updates include allocating funding for integrated demand side management (IDSM) and distinguishing between program implementation costs and portfolio administration PA costs. Savings forecasts have been updated in accordance with the results of its programs to better align with program trends and run with the 2024 Cost-Effectiveness Tool (CET) Avoided Cost Version (2022/E-5228). 3C-REN is not opening or closing any programs that were not already included in the application at this time. This TUAL also provides an update on 3C-REN's progress related to metrics for each segment of its portfolio.

² See D.16-08-019 page 10.

A. Regulatory Requirements

The TUAL requirement was adopted in D.21-05-031 with the requirement that each year on September 1, in the odd years when the energy efficiency (EE) potential and goals have been adopted by the Commission, each EE PA shall file either a portfolio true-up (prior to the start of a four-year portfolio) or a mid-cycle review (in year two of a four-year portfolio) Tier 2 advice letter adjusting technical inputs, forecasts, and portfolio to account for the changes in energy efficiency potential and goals.³

Because the potential and goals decision does not set goals for non-investor owned utilities (IOU) PAs, D.21-09-037 established that non-IOU PAs may propose to revise their goals and savings forecast in the true-up or mid-cycle advice letters.

D.23-06-055 approved PA Business Plans and required the following including updates based on the following:

- Guidance in D.21-05-031, such as adjustments to forecasts stemming from updated input, including TSB goals, avoided cost calculator updates, new database for energy efficiency (DEER) values, etc.
- Updated statewide allocations and resulting budgets (within the authorized cap) and savings forecasts; and
- Updates or corrections to program segmentation.
- Conclusions of Law (COL) 6: The IOUs should reflect the updated statewide funding contributions in their 2023 True-Up advice letters.
- OP 38: The TUAL identified in D.21-05-031 as due on September 1, 2023, shall be due instead no later than 60 days after the Commission issues a decision updating the energy efficiency potential and goals in Rulemaking 13-11-005.

The Decision updating potential and goals was issued on August 16, 2023, thereby making the True Up Advice Letter due on October 16, 2023. IOU PAs will incorporate goals within the Decision into the TUAL.

³ D.21-05-031 at Ordering Paragraph (OP) 10.

B. Filing Requirements

3C-REN's TUAL meets applicable CPUC requirements from decisions including but not limited to D.23-06-055, D.21-05-031, and D.21-09-037, as summarized below and detailed in the TUAL submittal.

D.21-05-031 requires that each PA's true-up advice letter must meet the criteria listed below. 3C-REN's TUAL meets the criteria relevant to REN PAs and provides a report on the progress against metrics relevant for each segment of the portfolio.

- The program administrator's portfolio must meet the TSB for the four years, adjusted by the updated TSB for the remaining period of the portfolio.
- The portfolio must meet or exceed a forecasted TRC ratio of 1.0 for the resource acquisition segment of the portfolio (with the exception of RENs).
- The equity and market support segments of the portfolio, combined, must not exceed 30% of the total budget (with the exception of RENs).
- For IOUs: the statewide and third-party contribution percentage requirements must be met.
- The advice letters also must include a report on the progress against metrics relevant for each segment of the portfolio.⁴

D.21-05-031 also directed PAs to distinguish between Program Implementation Costs and Portfolio Administration (i.e., Overhead) (p.32-35). 3C-REN has adjusted its budget to distinguish between the two types of costs as recommended by the CAEECC proposal and addressed in D.21-05-031, informed by the guidance documents prepared by the joint PAs.

D.21-09-037 established that non-IOU PAs may propose to revise their goals and savings forecast in the true-up or mid-cycle advice letters, saying that any such proposal must specifically identify the factor(s) impacting the proposed revision. 3C-REN has revised a selection of its goals and savings forecast in this TUAL and has specifically identified the factors impacting the proposed revision as detailed in the following TUAL sections:

- Chapter III Section A. Portfolio Overview
- Chapter III Section A. Subsections TCR-Res-003: Single Family NMEC Program, and TCR-RES-002 Multifamily Program
- Chapter III Section B. Summary of Forecasted Portfolio Impacts
- Chapter IV Sections A and B

⁴ D.21-05-031 at 42 – 43.

D.23-06-055 directed that the True-Up advice letter should include updates based on the factors listed below.⁵ Accordingly, 3C-REN has included adjustments to forecasts. 3C-REN's program segmentation has not changed.

- Guidance in D.21-05-031, such as adjustments to forecasts stemming from updated input, including TSB goals, avoided cost calculator updates, new DEER values, etc.
- Updated statewide allocations and resulting budgets (within the authorized cap) and savings forecasts; and
- Updates or corrections to program segmentation.

Other guidance in D.23-06-55 is as follows. Note that statewide contributions and Market Access Programs (MAPs) guidance are not applicable to 3C-REN as a REN PA.

- The investor-owned utility portfolio administrators shall reflect the statewide contribution changes included in Tables 1, 2, and 3 of this decision in their True Up advice letters due in 2023 according to D.21-05-031. (OP 1)
- The True-Up advice letter identified in D.21-05-031 as due on September 1, 2023, shall be due instead no later than 60 days after the Commission issues a decision updating the energy efficiency potential and goals in Rulemaking 13-11-005. (OP 38)
- We will require all of the non-REN PAs (IOUs plus MCE) to make available MAP programs to address both residential and commercial downstream retrofit opportunities in their territories, with start dates no later than July 1, 2024. In the MCE territory, MCE (as the originator of this program approach) should administer the MAP and not PG&E. These PAs should use existing processes (the true-up advice letter, third-party program advice letters, fund-shifting notifications, implementation plan submissions, etc.), as needed, to incorporate MAP plans into their portfolios. (p.72)

⁵ D.23-06-055 at 97

Discussion

A. Portfolio Overview

3C-REN's portfolio is summarized in the sections below, followed by details regarding each of its programs.

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

Line	Budget Category	Program Segment				Total
		Resource Acquisition	Market Support	Equity	Codes & Standards	
1	Residential Sector	\$0	\$0	\$35,888,938	\$0	\$35,888,938
2	Commercial Sector	\$0	\$1,573,333	\$9,026,397	\$0	\$10,599,730
3	Industrial Sector	\$0	\$0	\$0	\$0	\$0
4	Agricultural Sector	\$0	\$1,928,204	\$0	\$0	\$1,928,204
5	Public Sector	\$0	\$1,573,333	\$0	\$0	\$1,573,333
6	Cross Cutting					
7	Emerging Tech	\$0	\$0	\$0	\$0	\$0
8	WE&T	\$0	\$8,944,105	\$0	\$0	\$8,944,105
9	Finance	\$0	\$0	\$0	\$0	\$0
10	Codes & Standards	\$0	\$0	\$0	\$7,312,237	\$7,312,237
11	Portfolio Support	\$0	\$471,367	\$1,536,161	\$258,715	\$2,266,242
12	OBF Loan Pool					\$0
13	Portfolio Subtotal⁶	\$0	\$14,490,343	\$46,451,496	\$7,570,951	\$68,512,790

Portfolio Summary

The following subsections describe 3C-REN's portfolio composition, impacts of recent Commission decisions, and other portfolio-wide changes and considerations.

Portfolio Composition

3C-REN's four-year portfolio will continue operating four existing, successful programs and launch three new programs to fill gaps in energy efficiency services, pilot innovative programs, and serve HTR customers. These seven programs span four customer market sectors: Agricultural, Commercial, Cross-Cutting, and Residential. Over the course of the four-year portfolio period, over two-thirds of 3C-REN's budget is dedicated to the Equity Segment (65%); the remainder of 3C-REN's proposed budget is dedicated to: Market Support (20%), Codes and Standards (11%).

⁶ Excludes EM&V and Portfolio Oversight

3C-REN's portfolio includes three resource programs designed to deliver energy savings: the Single Family Home Energy Savings Program, the Multifamily Home Energy Savings Program, and the Commercial Marketplace Program.

As of the time of this TUAL submittal, 3C-REN has not made any updates or corrections to its program segmentation. 3C-REN's residential and commercial marketplace programs are categorized within the equity segment, and its workforce education and training (WE&T), Energy Assurance Services, and agriculture programs are categorized as market support. The codes and standards (C&S) program remain separate as previously defined in D.12-05-015. 3C-REN's portfolio does not include resource acquisition segment programs and therefore is not subject to the recent guidance in D.23-06-055 that programs meeting certain criteria should transition to use normalized metered energy consumption (NMEC); however, 3C-REN offers one NMEC program currently (Single Family) and its new Commercial Marketplace program will also be NMEC.

Impacts of Recent CPUC Decisions

One significant portfolio change relates to guidance in D.23-06-055 that allows PAs to set aside up to 2.5 percent or \$4 million of their energy efficiency budgets to provide an operational complement for IDSM in 2024-2027. As a result of this decision, 3C-REN intends to allocate IDSM funds across all of its new and existing programs within the direct implementation non-incentive cost category.

While the potential and goals decision does not set goals for non-IOU PAs, D.23-08-005 included direction to all PAs regarding Inflation Reduction Act (IRA) tax credits.⁷ For 3C-REN programs that market and promote IRA tax credits, 3C-REN will adhere to CPUC direction to collect documentation regarding implementers' promotion of IRA tax credits to influence customer adoption, as applicable.

Other recent CPUC decisions include D.23-04-035, which eliminated ratepayer-funded incentives for non-exempt and non-cost-effective gas energy efficiency deemed measures in all energy efficiency portfolios for residential and commercial new construction with no existing gas line or with an existing gas line, if gas usage will materially increase. 3C-REN's portfolio does not include new construction programs, and therefore is not immediately affected by the phase-out of incentives ordered in the decision. However, 3C-REN will adhere to CPUC direction in D.23-04-035 for all PAs to develop a strategy for promoting and deploying exempt measures in equity segment programs, including "targeted outreach and engagement and pilots to identify and develop solutions for key barriers, needed education and training/workforce readiness and technical assistance, and other relevant elements."⁸

Other Portfolio-Wide Considerations

3C-REN has followed Commission direction in D.21-05-031 to differentiate between program implementation and portfolio administration costs. 3C-REN's methodology for distributing costs

⁷ D.23-08-005 OP 2.

⁸ D.23-04-035 OP 6.

between portfolio administration and program implementation utilizes the terms as defined in D.21-05-031⁹

Based on the types of work performed or direct cost incurred, each cost is allocated to either Program Implementation or Portfolio Administration. 3C-REN forecasts its budget based on estimated staffing needs, direct expenditures, and present and future contracts. All costs are allocated to one of four categories as defined in the EE Policy Manual:¹⁰ administrative; marketing and outreach; direct implementation non-incentive; and evaluation, measurement and verification (EM&V). 3C-REN functions and activities associated with “Portfolio Administration” include: (1) regulatory activities not associated with a single program; (2) attorney costs associated with regulatory procedures, such as submittal of this testimony and filing comments on rulings and decisions with direct or indirect implications to 3C-REN; (3) labor associated with budgeting, invoice review and approval, managing solicitations, and contract negotiations. Programs administration is functions and activities that that can be directly associated to one program. Coding to differentiate between Portfolio and Program Administration is already in place.

The following sections describe 3C-REN programs in more detail, including any changes since 3C-REN’s business plan application was filed in March 2022.

TCR-Res-003: Single Family NMEC Program

Home Energy Savings is an existing single family residential equity program targeted towards HTR single-family households that delivers measurable energy savings. Savings are claimed using a population NMEC Measurement and Verification (M&V) platform. The program implementer, Recurve, delivers energy upgrades utilizing a network of energy efficiency installers (aggregators) who are paid incentives based on the metered savings achieved with their installations. Performance based incentives push aggregators to maximize both customer savings and grid benefits.

The program will continue to operate as in 2023 and will recruit and support more aggregators and identify and educate customers (with a focus on HTR customers) in order to reach energy savings goals. There have been no significant program changes since 3C-REN’s BP submittal, and no changes to the program related to D.23-04-035.

Energy savings forecasts are based on achieved project growth rates in 2023, forecast into the future. Energy savings forecasts assume that project growth rates will level off at a cap of 90 projects per month, recognizing the limited aggregator potential in the region.

⁹D.21-05-031 pp 32-33.

¹⁰ EE Policy Manual, version 6, Appendix C: Cost Categories and Related Cap and Targets April 2020

TCR-Res-002: Multifamily Program

Multifamily Home Energy Savings is an existing multifamily residential equity program that will continue to deliver energy savings targeting HTR multifamily properties. The program requires three or more upgrades in the project scope, a percentage of which must directly benefit tenants, that achieve a minimum greenhouse gas (GHG) savings per apartment. The program includes no-cost site assessments, technical assistance, and rebates paid directly to property owners/managers. The incentive structure also includes enhanced incentives for locally underserved properties and adders for high performance measures, such as heat pumps.

The multifamily program will continue its existing services as in 2023. The program will engage Housing Authorities, affordable housing providers, municipal housing departments, and multifamily portfolio owners. With the new IDSM funds available, the program's no-cost technical assistance will expand to provide education and information on distributed energy resources that may complement a 3C-REN energy efficiency and electrification project.

Multifamily program energy savings forecasts have been adjusted based on actual program growth rates in 2023 and extrapolated into the future. This included a decrease in kWh, kW, and therms forecasts based on currently observed annual savings within the program and consideration of increased electrification projects.

No significant program changes have occurred since BP submittal, and no program changes are required related to D.23-04-035.

TCR-WET-001: Workforce Education & Training

Building Performance Training is a continuation of an existing workforce education and training (WE&T) market support cross-cutting program that acts as the Tri-County Region's training and resource hub by providing the latest building science practices and energy efficiency trainings. By offering WE&T programs locally, 3C-REN is making clean energy jobs and training accessible to HTR workers and those in identified disadvantaged communities (DACs) by removing the locational barriers to these opportunities and building local connections within the residential and commercial design, construction, and related industries.

WE&T will continue to operate its core training services for existing professionals while encouraging new and younger professionals to join the building industry. Additional priorities will be engagement of HTR workers, contractor and union engagement, and evaluation of training and program effectiveness. WE&T will continue to broaden its network through targeted outreach, new partnership development, and new course offerings.

No significant changes have occurred to the program since the business plan or related to D.23-04-035 or D.23-08-005.

TCR-CS-001: Codes & Standards

Energy Code Connect is a continuation of an existing codes and standards cross-cutting program that provides technical assistance delivered by Energy Code Coaches, regional forum events, and locally focused training courses. The program has established the Tri-County Region as a leader in California Energy Code and Green Building Standards compliance, enforcement, and comprehension.

C&S will continue to offer four main services to both public and private building professionals in the form of the following: the Energy Code Coach, Education Courses and Events, Regional Forums, and Reach Code Technical/Outreach/Educational Support for Jurisdictions. As Title 24 Part 6 and 11 continue to become more enforced across the region, more in-depth support and education is needed.

No significant changes have occurred to the program since the business plan or related to D.23-04-035 or D. 23-08-005.

TCR-Ag-001: Agriculture Technical Assistance

One of 3C-REN's new programs for 2024-2027 is a market support program addressing unmet needs in the agricultural sector through partnership-building and regionally focused customized technical assistance. The program will provide specialized support for indoor agriculture and water-energy nexus measures, and focused outreach to smaller producers and socially disadvantaged agricultural customers. After the Joint Cooperation Memo process to address accurate gap filling a solicitation for technical assistance is expected Q1 2024.

The budget was re-allocated since business plan; forecasted staff time for this program will be lower as each partner county of 3C-REN already has staff in different departments that does outreach and compliance work in the agricultural sector. These partnerships will be leveraged to best deliver program services and utilize budget efficiently.

As such, 3C-REN has shifted funds from the Agriculture Technical Assistance Program into the EAS program because the EAS program is already up and running in the County of Santa Barbara (under different funding), and there will likely be underutilized budget within the Agriculture Technical Assistance Program in 2024 as the program ramps up to launch.

TCR-CC-001: Energy Assurance Services (EAS)

Energy Assurance Savings is a new commercial and public sector market support cross-cutting program will identify energy savings opportunities and offer technical support including audits and benchmarking to achieve comprehensive load management, energy savings and resilience objectives, modeled after the existing Energy Assurance Services program currently operated by Santa Barbara County. The program will further support public agencies and special districts in pursuing energy upgrades by offering educational and networking opportunities to agency staff and specialized services to support planning for, funding, and contracting the work.

The program will launch in 2024, with the same aggregator that was hired by the County of Santa Barbara to implement the Energy Assurances Program for the County.

There have been no program changes since the business plan, other than budget. 3C-REN has shifted funds from the Ag and Commercial Marketplace programs into the EAS program because the EAS program is already up and running in the County of Santa Barbara (under different funding). Since the submission of the business plan, the County of Santa Barbara's EAS program has benchmarked and audited 11 facilities that provide some critical community services. Audits have included guidance on upgrades related to energy efficiency, electrification, and solar paired with batteries, aligned with program goals to support load shifting and plan for backup of critical circuits during a potential three-day electricity outage. These audits have been instrumental for facility managers in planning for implementation; three facilities have submitted grant applications that would pay for some of the work identified in the audits. Another facility manager plans to use the audit results to pursue project implementation at two sites via internal funding. The project team continues to track funding opportunities and follow up with program participants to identify additional paths for project implementation.

Additional facility managers have expressed interest in the program and await the launch of the 3C-REN version of the program. In the implementation of their program the County of Santa Barbara has established processes with the implementer and learned valuable lessons in program design and launch. As such, the program is set up to serve additional facilities immediately in 2024 and will benefit from the additional funding that would likely be underutilized in the Agriculture Technical Assistance and Commercial Marketplace programs, which are yet to launch.

TCR-Com-001: Commercial Marketplace

Another new offering in 3C-REN's 2024-2027 portfolio is an equity program targeting DACs and HTR customers by providing commercial sector energy efficiency services for small- and medium-sized businesses who are in a leased or rented facility. 3C-REN will collaborate with already-established business programs; use a multilingual approach to outreach and education; and work with 3C-REN's successful Building Performance Training program to utilize trained local contractors.

3C-REN has continued conversations and will leverage partnerships with local Green Business Programs (GBPs) to establish referral mechanisms and prompt commercial customers to participate in 3C-REN offerings. Additionally, staff are currently mapping out how to leverage 3C-REN's cross-cutting Energy Assurance Services program and the possibility of offering incentive payments for energy improvements through a population NMEC program targeting HTR business customers.

3C-REN has shifted funds from the Commercial Marketplace programs into the EAS program because the EAS program is already up and running in the County of Santa Barbara (under different funding), and there will likely be underutilized budget within the Commercial Marketplace Program in 2024 as the program ramps up to launch.

B. Summary of Forecasted Portfolio Impacts

CPUC Potential and Goals studies continue to be conducted at the level of IOU service territory and therefore the goals set by the Commission “apply to IOU program administrators and not to non-IOU program administrators” as established in D.21-09-037. D.21-09-037 established that non-IOU PAs may propose to revise their goals and savings forecast in the true-up or mid-cycle advice letters. 3C-REN proposes to update its portfolio goals in accordance with D.21-09-037.

Factors impacting the proposed revisions to 3C-REN goals and targets include revisions to program budgets, savings forecasts, as well as changes to avoided cost inputs. Updated savings forecasts have been run against 2024 Cost-Effectiveness Tool (CET) Avoided Cost Version (2022/E-5228). D.21-05-031 directed PAs to distinguish between Program Implementation Costs and Portfolio Administration (i.e., Overhead). 3C-REN budgets have been adjusted to incorporate this new designation. 3C-REN’s budget has also been adjusted to carve out funds for IDSM, as described in the Portfolio Summary section.

Table 2.2 - Annual and Cumulative Codes and Standards Savings Forecast

Line	Savings Unit	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	GWh Forecast	0.00	0.00	0.00	0.00	0.00
2	GWh CPUC Goal ¹¹	0.00	0.00	0.00	0.00	0.00
3	GWh Forecast/Goal	-	-	-	-	-
4	MW Forecast	0.00	0.00	0.00	0.00	0.00
5	MW CPUC Goal ¹²		0.00	0.00	0.00	0.00
6	MW Forecast/Goal	-	-	-	-	-
7	MMThm Forecast	0.00	0.00	0.00	0.00	0.00
8	MMThm CPUC Goal ¹³	0.00	0.00	0.00	0.00	0.00
9	MMThm Forecast/Goal	0%	0%	0%	0%	0%

¹¹ Savings Goals as adopted in CPUC Decision 23-08-005 for IOU PAs.

¹² Ibid.

¹³ Ibid.

Table 2.3 - Annual and Cumulative Budget

Line	Segment	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	Resource Acquisition	\$0	\$0	\$0	\$0	\$0
2	Market Support	\$3,196,701	\$3,356,719	\$3,674,294	\$4,026,448	\$14,254,162
3	Equity	\$10,853,775	\$11,398,636	\$11,774,522	\$12,412,075	\$46,439,008
4	Codes and Standards	\$1,861,967	\$1,905,918	\$2,005,263	\$2,046,473	\$7,819,621
5	EM&V (PA and ED)	\$663,018	\$694,220	\$727,253	\$770,208	\$2,854,699
6	Total Budget w/o OBF Loan Pool	\$16,575,461	\$17,355,493	\$18,181,332	\$19,255,204	\$71,367,490
7	Market Support and Equity, percent of Total Budget w/o OBF Loan Pool					85.0%
8	OBF Loan Pool Addition	\$0	\$0	\$0	\$0	\$0
9	Budget excluding Portfolio Oversight	\$16,575,461	\$17,355,493	\$18,181,332	\$19,255,204	\$71,367,490
10	ED Portfolio Oversight	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
11	Total Portfolio Budget w/ ED Portfolio Oversight	\$16,675,461	\$17,455,493	\$18,281,332	\$19,355,204	\$71,767,490
12	Approved Budget Cap¹⁴					\$68,500,000

¹⁴ Per Decision 23-06-055 OP 5.

Energy Efficiency Portfolio Details

A. Total System Benefit

Significant portfolio changes contributing to TSB:

3C-REN’s TSB forecasts have been updated since its business plan filing in 2022 and reflect changes to avoided cost inputs, as well as updated savings forecasts within the Equity segment. These savings forecast adjustments were made based on actual program data obtained since the launch of the Multifamily Program and resulted in a decrease in TSB from PY2024-2027. However, the overall portfolio TSB is in line with what was provided in 3C-REN’s business plan submittal in 2022.

Table 2.1 - Annual and Cumulative Total System Benefit Forecast

Line	Segment	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	Resource Acquisition	\$0	\$0	\$0	\$0	\$0
2	Market Support	\$0	\$0	\$0	\$0	\$0
3	Equity	\$7,073,894	\$7,992,426	\$8,441,906	\$8,889,663	\$32,397,889
4	Total TSB Forecast	\$7,073,894	\$7,992,426	\$8,441,906	\$8,889,663	\$32,397,889
5	CPUC TSB Goal	\$0	\$0	\$0	\$0	\$0
6	<i>TSB Forecast / TSB Goal</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

B. Total Resource Cost

D.16-08-019 encourages RENs to “manage their programs with an eye toward long-term cost-effectiveness, just as we encourage the other program administrators to do.”¹⁵ However, RENs are not required to meet a cost-effectiveness threshold, as affirmed in D.21-05-031:

Therefore, we will require that all program administrators with energy efficiency resource acquisition programs, excluding RENs whose portfolios have different rules, to show that the resource acquisition segment of their portfolio, with all resource acquisition programs’ costs and benefits combined together, is cost-effective on an ex ante basis, with a TRC ratio of at least 1.0 or greater. This requirement applies before (or excluding) consideration of Codes and Standards programs.¹⁶

¹⁵ D.16-08-019 at 12.

¹⁶ D.21-05-031 at 22.

OP 3. Beginning in program year 2022, energy efficiency program administrators who are investor-owned utilities or community choice aggregators shall ensure that the forecasted benefits exceed the costs of the resource acquisition segments of their portfolios, as measured by the Total Resource Cost test, without considering Codes and Standards programs. (p.81)

Significant portfolio changes contributing to TRC

D.21-09-037 established that non-IOU PAs may propose to revise their goals and savings forecast in the true-up or mid-cycle advice letters, because the potential and goals decision does not set goals for non-IOU PAs. As part of the TUAL process, 3C-REN has adjusted its savings forecast and budget as described in the sections on TCR-Res-002: Multifamily Program and TCR-Res-003: Single Family NMEC Program. Those adjustments resulted in decreases to 3C-REN’s TRC forecast.

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

Line		TRC ratio	PAC ratio	RIM ratio	
1	Segment	Resource Acquisition	0.00	0.00	0.00
2		Market Support	0.00	0.00	0.00
3		Equity	0.41	0.66	0.45
4		Codes and Standards (C&S)	0.00	0.00	0.00
5	Portfolio	<i>Including C&S</i>	0.30	0.43	0.33
6		<i>Excluding C&S</i>	0.33	0.48	0.36

C. Market Support & Equity

Per D.21-05-031, RENs are exempted from the requirement to limit market support and equity programs to 30% of a PA’s portfolio.

RENs, by their nature and primary purposes, are more likely to have a greater share of their portfolio devoted to market support and/or equity programs. Therefore, those portions of their budgets will not be subjected to an up-front limitation.¹⁷

Significant portfolio changes contributing to Market Support & Equity

At the time of this TUAL, 3C-REN had not made any changes to its program segmentation.

¹⁷ D.21-05-031 at 23.

D. Statewide / Third Party Compliance

Significant portfolio changes contributing to SW/Third Party Compliance:

Not applicable to 3C-REN. 3C-REN does not offer statewide programs; moreover, statewide allocations established in D.16-08-019 and updated in D.23-06-055 apply to IOUs only. D.16-08-019 OP 10 establishes the definition of third-party programs as follows: To be designated as “third party,” the program must be proposed, designed, implemented, and delivered by non-utility personnel under contract to a utility PA. By this definition, third-party program compliance requirements do not apply to non-IOU PAs.

Solicitations

Not applicable. At this time, 3C-REN is not launching new programs that were not included in its Business Plan.

E. Progress on segment metrics – Introduction to metrics

D.21-05-031 directed PAs to include in their true-up advice letters “a report on the progress against metrics relevant for each segment of the portfolio.”¹⁸ While 3C-REN’s portfolio does not include resource acquisition segment programs, it has provided a report on progress against metrics relevant for equity and market support segment programs below.

D.23-06-055 adopted objectives and indicators for the market support and equity segments and designated how often indicators should be reported (quarterly or annually) and at what level (segment or whole portfolio). However, it deferred reporting and metrics/goal development to a later time.

3C-REN has reviewed the indicators and other guidance adopted in D.23-06-055 and has identified a preliminary set of indicators with relevance to its portfolio. Please see Table 4 - *3C-REN Market Support Segment Indicators Adopted in D.23-06-055* and Table 5 - *3C-REN Equity Segment Indicators Adopted in D.23-06-055* on the following pages for lists of indicators by segment. 3C-REN has begun developing methodologies for gathering data associated with each indicator, and these methodologies will be refined as 3C-REN launches its additional equity and market support programs in 2024. Note: indicator wording reflects original CAEECC working group recommendations, and may be adjusted as part of the refinement of indicator methodologies based on implications of D.23-06-055.

3C-REN will participate in the various stakeholder processes prescribed in D.23-06-055 in the coming months and years, which may include but are not necessarily limited to the following:

- May 1, 2024, advice letter to clarify indicators adopted in D.23-06-055 and identify information that can be used as baselines for future targets or methodologies for how to use indicator information as baselines (D.23-06-055 OP 11).

¹⁸D.21-05-031 at 42 – 43.

- August 1, 2024, advice letter regarding plans for awareness, knowledge, attitude, and behavior (AKAB), surveys to inform baselines, PA progress, and setting of targets and goals for the market support segment (D.23-06-055 OP 25).
- September 1, 2025, report regarding preferred approaches to demographic participation data to be proposed in next portfolio proposals due in 2026 (D.23-06-055 OP 23).
- Development of community engagement indicators for equity segment, to include in 2025 Mid Cycle Advice Letter (MCAL) and be reported on in Annual Reports thereafter (D.23-06-055 OP 24).
- March 1, 2025, advice letter regarding study to set goals for the market support and equity segment indicators to begin in 2028 (D.23-06-055 OP 24).
- Continue work on proposed Total Community Benefit metric, as applicable (D.23-06-055 p.71).

Table 4 - 3C-REN Market Support Segment Indicators Adopted in D.23-06-055

Metric/Indicator Description	Units of Measure	Participants
Number of collaborations by Business Plan sector to jointly develop or share training materials or resources.	Count	Workforce Education and Training (WET)
Percent of participation relative to eligible target population for curriculum	Percentage	Workforce Education and Training (WET)
Percent of total WE&T training program participants that meet the definition of disadvantaged worker.	Percentage	Workforce Education and Training (WET)
Number Career & Workforce Readiness (CWR) participants who have been employed for 12 months after receiving the training	Count	Workforce Education and Training (WET)
Number of Contractors (that serve in PA service territory) with knowledge and trained by relevant MS programs to provide quality installations that optimize EE	Count	Cross-Cutting: - WET - C&S
Assessed value of the partnership by partners	Unknown	Agriculture Commercial Public Residential Cross-Cutting
% of partners that have taken action supporting energy efficiency	Percent	Agriculture Commercial Public Residential Cross-Cutting

Metric/Indicator Description	Units of Measure	Participants
Number of partners by type and purpose	Count	Agriculture Commercial Public Residential Cross-Cutting
Dollar value of non-ratepayer in kind funds/contributions utilized via partnerships	Dollars	Agriculture Commercial Public Residential Cross-Cutting

Table 5 - 3C-REN Equity Segment Indicators Adopted in D.23-06-055

Metric/Indicator Description	Units of Measure	Participants
Total # residential (SF or MF unit) equity-targeted households (HHs) served by the Equity programs	Households (HH)	Equity-All Target Participants
Total # MF equity-targeted buildings served by the Equity programs	Buildings	Equity-All Target Participants
Total # Ag or Ind. equity-targeted customers served by the Equity programs	Customers	Equity-All Target Participants
Total # equity-targeted public facilities and equipment or community projects served by the Equity programs	Projects	Equity-All Target Participants
Total # small and medium business (SMB) equity-targeted participants served by the Equity programs	Businesses	Equity-All Target Participants
Total # of companies/non-profits served by the Equity Segment programs	Businesses	Equity-All Target Participants
Total # of contractors/workers served by Equity Segment Programs	Contractors/Workers	Equity-All Target Participants
Expected first-year bill savings in total \$ for equity-targeted program participants (metric)	Dollars	Equity-All Target Participants
GHG reductions (tons)_EquityAll	Lifecycle GHG reductions (tons) - Net	Equity-All Target Participants
GHG reductions (tons)_EquityDAC	Lifecycle GHG reductions (tons) - Net	Equity-DAC Participants

Metric/Indicator Description	Units of Measure	Participants
GHG reductions (tons)_EquityHTR	Lifecycle GHG reductions (tons) - Net	Equity-HTR Participants
GHG reductions (tons)_EquityUnderserved	Lifecycle GHG reductions (tons) - Net	Equity-Underserved Participants
Total kWh savings_EquityAll	Lifecycle ex-ante kWh net	Equity-All Target Participants
Total kWh savings_EquityDAC	Lifecycle ex-ante kWh net	Equity-DAC Participants
Total kWh savings_EquityHTR	Lifecycle ex-ante kWh net	Equity-HTR Participants
Total kWh savings_EquityUnderserved	Lifecycle ex-ante kWh net	Equity-Underserved Participants
Total kW savings_EquityAll	Lifecycle ex-ante kW net	Equity-All Target Participants
Total kW savings_EquityDAC	Lifecycle ex-ante kW net	Equity-DAC Participants
Total kW savings_EquityHTR	Lifecycle ex-ante kW net	Equity-HTR Participants
Total kW savings_EquityUnderserved	Lifecycle ex-ante kW net	Equity-Underserved Participants
Total Therm savings_EquityAll	Lifecycle ex-ante Therm net	Equity-All Target Participants
Total Therm savings_EquityDAC	Lifecycle ex-ante Therm net	Equity-DAC Participants
Total Therm savings_EquityHTR	Lifecycle ex-ante Therm net	Equity-HTR Participants
Total Therm savings_EquityUnderserved	Lifecycle ex-ante Therm net	Equity-Underserved Participants
Energy and climate benefits (monetized within TSB)	Dollars	Equity-All Target Participants

F. Request to Open / Significantly Change Programs (OPTIONAL)

Not applicable. 3C-REN is not significantly changing programs or opening programs that were not included in its business plan application.

G. Request for Program Closures (OPTIONAL)

Not applicable. 3C-REN does not request to close any programs.

H. EM&V

3C-REN has not made any changes to its EM&V plans since the submittal of its business plan application.

I. Cost Recovery

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

Line	Program Administrator	(a) PA Programs	(b) ED Portfolio Oversight	(c) EMV PA	(d) EMV ED	(e) Unspent & Uncommitted Funds for 2024-2027 Offset	(f) Total
1	3C-REN	\$68,512,790	\$0	\$785,042	\$2,069,657	\$0	\$71,367,490
7	Total	\$68,512,790	\$0	\$785,042	\$2,069,657	\$0	\$71,367,490

IDSMS Budget

D.23-06-055 allows PAs to set aside up to 2.5 percent or \$4 million of their energy efficiency budgets to provide an operational complement for integrated demand side management (IDSMS) in 2024-2027.

3C-REN has estimated its IDSMS budget based on the goal of providing support to agencies within 3C-REN territory in applying for funding to implement upgrades related to IDSMS technologies via its Energy Assurance Services Program. In addition, 3C-REN intends to allocate additional IDSMS funds to its Multifamily Program to expand upon the program’s no-cost technical assistance to provide education and information on distributed energy resources that may complement a 3C-REN energy efficiency and electrification project. From continued discussions with staff and stakeholders, changes were made to the budget since 3C-REN’s business plan submittal to best allocate funds to align with the IDSMS needs of the Energy Assurance Services Program. These changes were made within the Commercial Marketplace and Agriculture Technical Assistance programs primarily.

J. Misc. / Corrections

Not applicable.

List of Attachments

- Attached hereto are the following:
- Attachment A: TUAL Attachment A
- Attachment B: CEDARS Confirmation Sheet

Protest

Anyone may protest this Advice Letter. The Protest must state the grounds upon which it is based. The Protest must be made in writing and received by the Commission within 20 days of the date this Advice Letter was filed with the Commission, or November 5, 2023. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

California Public Utilities Commission
CPUC Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102

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 addresses shown below on the same date it is mailed or delivered to the Commission.

Mike Pettit
Assistant County Executive Officer
Ventura County
800 S. Victoria Avenue
Ventura, CA 93009
Telephone: 805-654-2864
Facsimile: 805-654-5106
Email: Mike.Pettit@ventura.org

Alejandra Téllez
Deputy Executive Officer,
Ventura County
800 S. Victoria Avenue
Ventura, CA 93009
Telephone: 805-654-3835
Facsimile: 805-654-5106
E-mail: Alejandra.Tellez@ventura.org

Effective Date

3C-REN requests that this Tier 2 advice filing become effective on regular notice November 15, 2023, which is 30 calendar days from the date of this filing.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically to service lists for R.13-11-005 and A.22-02-005 and uploaded to the CPUC

Energy Division Advice Letter database (cpucadviceletters.org). 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 Téllez _____

ALEJANDRA TELLEZ,
Deputy Executive Officer,
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 9-E/8-G
2024-2027 Portfolio True-Up Advice Letter
Attachment A – TUAL Attachment A

Appendix 1 - 2024 - 2027 Program Portfolio Budget and Targets

(a) Program ID	(b) Program Name	(c) Target Exempt	(d) Program Type	(e) Business Sector
TCR-Ag-001	Agriculture Technical Assistance	Yes	Core PA	Agricultural
TCR-CC-001	Energy Assurance Services	Yes	Core PA	Cross-Cutting
TCR-Com-001	Commercial Marketplace	No	Core PA	Commercial
TCR-CS-001	Codes & Standards	Yes	Core PA	Cross-Cutting
TCR-Res-002	Multifamily	No	Core PA	Residential
TCR-Res-003	Single Family NMEC	No	Core PA	Residential
TCR-WET-001	Workfoce Education & Training	Yes	Core PA	Cross-Cutting
TCR-EMV-002	EM&V: CPUC	Yes	Core PA	Cross-Cutting
TCR-EMV-001	EM&V: 3C-REN	Yes	Core PA	Cross-Cutting
TCR-IDSM-Equity-001	IDSM - Equity	Yes	Core PA	Cross-Cutting
TCR-IDSM-MarketSupport-002	IDSM - Market Support	Yes	Core PA	Cross-Cutting
TCR-IDSM-CS-003	IDSM - Codes & Standards	Yes	Core PA	Cross-Cutting
TCR-CS-PortfolioSupport	Portfolio Admin - CS	Yes	Core PA	Cross-Cutting
TCR-Equity-PortfolioSupport	Portfolio Admin - Equity	Yes	Core PA	Cross-Cutting
TCR-MS-PortfolioSupport	Portfolio Admin - Market Support	Yes	Core PA	Cross-Cutting
Total				

TSB and Budget values that have changed more than 25% are flagged in red (decrease) or green (increase). See Change Notes for details.

Appendix 1 - 2024 - 2027 Program

(a) Program ID	(f) Portfolio Segment	(g) Budget	(h) TSB	(i) kWh
TCR-Ag-001	Market Support	\$ 1,721,537	\$ -	-
TCR-CC-001	Market Support	\$ 2,940,000	\$ -	-
TCR-Com-001	Equity	\$ 8,276,397	\$ 21,261,254	20,451,800
TCR-CS-001	Codes and Standards	\$ 7,152,237	\$ -	-
TCR-Res-002	Equity	\$ 15,983,929	\$ 3,024,984	(351,900)
TCR-Res-003	Equity	\$ 19,155,009	\$ 8,111,651	1,436,800
TCR-WET-001	Market Support	\$ 8,737,439	\$ -	-
TCR-EMV-002	Evaluation, Measurement, and Verification	\$ 2,069,658	\$ -	-
TCR-EMV-001	Evaluation, Measurement, and Verification	\$ 785,041	\$ -	-
TCR-IDSM-Equity-001	Equity	\$ 1,500,000		
TCR-IDSM-MarketSupport-002	Market Support	\$ 620,000		
TCR-IDSM-CS-003	Codes and Standards	\$ 160,000		
TCR-CS-PortfolioSupport	Codes and Standards	\$ 258,715		
TCR-Equity-PortfolioSupport	Equity	\$ 1,536,161		
TCR-MS-PortfolioSupport	Market Support	\$ 471,367		
Total		\$ 71,367,489	\$ 32,397,889	\$ 21,536,700

TSB and Budget values that have character details.

Appendix 1 - 2024 - 2027 Program

(a) Program ID	(j) kW	(k) Thm	(l) Change Notes
TCR-Ag-001	-	-	
TCR-CC-001	-	-	
TCR-Com-001	2,607	100,648	
TCR-CS-001	-	-	
TCR-Res-002	30	166,175	kWh and kW savings have been decreased to reflect actual program performance, resulting in a decrease of greater than 25% in Total System Benefit for this program.
TCR-Res-003	657	292,198	
TCR-WET-001	-	-	
TCR-EMV-002	-	-	
TCR-EMV-001	-	-	
TCR-IDSM-Equity-001			
TCR-IDSM-MarketSupport-002			
TCR-IDSM-CS-003			
TCR-CS-PortfolioSupport			
TCR-Equity-PortfolioSupport			
TCR-MS-PortfolioSupport			
Total	\$ 3,294	\$ 559,021	

TSB and Budget values that have changed are shown in details.

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

Line	Budget Category	Program Segment				Total
		Resource Acquisition	Market Support	Equity	Codes & Standards	
1	Residential Sector	\$0	\$0	\$35,888,938	\$0	\$ 35,888,938
2	Commercial Sector	\$0	\$1,573,333	\$9,026,397	\$0	\$ 10,599,730
3	Industrial Sector	\$0	\$0	\$0	\$0	\$ -
4	Agricultural Sector	\$0	\$1,928,204	\$0	\$0	\$ 1,928,204
5	Public Sector	\$0	\$1,573,333	\$0	\$0	\$ 1,573,333
6	Cross Cutting					
7	Emerging Tech	\$0	\$0	\$0	\$0	\$ -
8	WE&T	\$0	\$8,944,105	\$0	\$0	\$ 8,944,105
9	Finance	\$0	\$0	\$0	\$0	\$ -
10	Codes & Standards	\$0	\$0	\$0	\$7,312,237	\$ 7,312,237
11	Portfolio Support	\$0	\$471,367	\$1,536,161	\$258,715	\$ 2,266,242
12	OBF Loan Pool					\$ -
13	Portfolio Subtotal [1]	\$0	\$14,490,343	\$46,451,496	\$7,570,951	\$ 68,512,790

[1] excludes EM&V and Portfolio Oversight

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

Line	Program Administrator	a) PA Program	(b) ED Portfolio Oversight	(c) EMV PA	(d) EMV ED	(e) Unspent & Uncommitted Funds for 2024-2027 Offset	(f) Total
1	3C-REN	\$68,512,790	\$0	\$785,042	\$2,069,657	\$0	\$71,367,490
2	REN/CCA 1 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
3	REN/CCA 2 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
4	REN/CCA 3 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
5	REN/CCA 4 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
6	REN/CCA 5 (as applicable)	\$0	\$0	\$0	\$0	\$0	\$0
7	Total	\$68,512,790	\$0	\$785,042	\$2,069,657	\$0	\$71,367,490

Table 2.1 - Annual and Cumulative Total System Benefit Forecast

Line	Segment	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	Resource Acquisition	\$0	\$0	\$0	\$0	\$ -
2	Market Support	\$0	\$0	\$0	\$0	\$ -
3	Equity	\$7,073,894	\$7,992,426	\$8,441,906	\$8,889,663	\$ 32,397,889
4	Total TSB Forecast	\$7,073,894	\$7,992,426	\$8,441,906	\$8,889,663	\$ 32,397,889
5	CPUC TSB Goal	\$0	\$0	\$0	\$0	\$ -
6	<i>TSB Forecast / TSB Goal</i>	<i>#DIV/0!</i>	<i>#DIV/0!</i>	<i>#DIV/0!</i>	<i>#DIV/0!</i>	<i>#DIV/0!</i>

Table 2.2 - Annual and Cumulative Codes and Standards Savings Forecast

Line	Savings Unit	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	GWh Forecast	0.00	0.00	0.00	0.00	0.00
2	GWh CPUC Goal [1]	0.00	0.00	0.00	0.00	0.00
3	<i>GWh Forecast/Goal</i>	-	-	-	-	-
4	MW Forecast	0.00	0.00	0.00	0.00	0.00
5	MW CPUC Goal [1]		0.00	0.00	0.00	0.00
6	<i>MW Forecast/Goal</i>	-	-	-	-	-
7	MWh Forecast	0.00	0.00	0.00	0.00	0.00
8	MWh CPUC Goal [1]	0.00	0.00	0.00	0.00	0.00
9	<i>MWh Forecast/Goal</i>	-	-	-	-	-

1. Savings Goals as adopted in CPUC Decision 23-08-xxx

Table 2.3 - Annual and Cumulative Budget

Line	Segment	PY 2024	PY 2025	PY 2026	PY 2027	Cumulative
1	Resource Acquisition	\$0	\$0	\$0	\$0	\$0
2	Market Support	\$3,196,701	\$3,356,719	\$3,674,294	\$4,026,448	\$14,254,162
3	Equity	\$10,853,775	\$11,398,636	\$11,774,522	\$12,412,075	\$46,439,008
4	Codes and Standards	\$1,861,967	\$1,905,918	\$2,005,263	\$2,046,473	\$7,819,621
5	EM&V (PA and ED)	\$663,018	\$694,220	\$727,253	\$770,208	\$2,854,699
6	Total Budget w/o OBF Loan Pool	\$16,575,461	\$17,355,493	\$18,181,332	\$19,255,204	\$71,367,490
7	Market Support and Equity, percent of Total Budget w/o OBF Loan Pool					85.0%
8	OBF Loan Pool Addition	\$0	\$0	\$0	\$0	\$0
9	Budget excluding Portfolio Oversight	\$16,575,461	\$17,355,493	\$18,181,332	\$19,255,204	\$71,367,490
10	ED Portfolio Oversight	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
11	Total Portfolio Budget w/ ED Portfolio Oversight	\$16,675,461	\$17,455,493	\$18,281,332	\$19,355,204	\$71,767,490
12	Approved Budget Cap [1]					\$68,500,000

1. Decision 23-06-055 OP5

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

Line		TRC ratio	PAC ratio	RIM ratio	
1	Segment	Resource Acquisition	0.00	0.00	0.00
2		Market Support	0.00	0.00	0.00
3		Equity	0.41	0.66	0.45
4		Codes and Standards (C&S)	0.00	0.00	0.00
5	Portfolio	<i>Including C&S</i>	0.30	0.43	0.33
6		<i>Excluding C&S</i>	0.33	0.48	0.36

Appendix 2 - Energy Efficiency Cap And Target Expenditure Projections (Cumulative for PY 2024-2027)

Line	Budget Category	Expenditures			Cap & Target Performance		
		(a) Non-Third Party Qualifying Costs	(b) Third Party Qualifying Costs	(c) Total Portfolio	(d) Percent of Budget ^[6]	(e) Cap Percentage	(f) Target %
1	Administrative Costs						
2	PA ^[1]	\$ 3,584,267		\$ 3,584,267	5.0%	\$ 0	
3	Non-PA Third Party & Partnership ^[2]	\$ -	\$ -	\$ -	0.0%		10.0%
4	PA & Non-PA Target Exempt Programs ^[3]	\$ -	\$ -	\$ -			
5	Marketing and Outreach Costs						
6	Marketing & Outreach	\$ 1,525,733	\$ -	\$ 1,525,733	2.1%		6.0%
7	Direct Implementation Costs						
8	Incentives and Rebates	\$ 27,568,782	\$ -	\$ 27,568,782			
9	Non Incentives and Non Rebates	\$ 35,834,009	\$ -	\$ 35,834,009	50.2%		20.0%
10	Target Exempt (Non Incentives and Non Rebate)	\$ -	\$ -	\$ -			
11	EM&V Costs (PA and ED) ^[4]	\$ 2,854,699	\$ -	\$ 2,854,699	4.0%	\$ 0	
11a	EM&V - PA	\$ 785,041		\$ 785,041			
11b	EM&V - ED	\$ 2,069,658		\$ 2,069,658			
12	PA Spending Budget Request (excluding OBF Loan Pool Additions and excluding ED Portfolio Oversight)	\$ 71,367,490	\$ -	\$ 71,367,490			
13	Total Third-Party Qualifying Costs ^[5]		\$ -		0.0%		60.0%
14	OBF Loan Pool Addition	\$ -		\$ -			
15	PA Spending Budget Request (excluding ED Portfolio Oversight)			\$ 71,367,490			
16	ED Portfolio Oversight	\$ -		\$ -			
17	EE-Funded IDSM^[7]	\$ 2,280,000				2.5%	
18	PA Spending Budget Request			\$ 71,367,490			

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

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

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

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

[5] IOU's Third-Party Implementer Contracts (as defined per D.16-08-019, OP 10) includes third-party contract and incentive budgets and statewide qualifying contract and incentive budgets. Calculation of (d) Percent of Budget for Third-Party Implementer Contracts uses \$71,367,490 as its denominator.

[6] With the exception of Third Party Implementer Contracts as noted in footnote [5], calculation of (d) Percent of Budget uses \$71,367,490 as the denominator; equal to line 15 PA Budget Spending Request.

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

Tri-County Regional Energy Network (3C-REN)
Advice Letter 9-E/8-G
2024-2027 Portfolio True-Up Advice Letter
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: 2024

Submitted: 20:16:48 on 16 Oct 2023

By: Casey Connorton

Advice Letter Number: TBD

* Portfolio Budget Filing Summary *

- TRC: 0.28
- PAC: 0.44
- TRC (no admin): 0.51
- PAC (no admin): 1.45
- RIM: 0.34
- Budget: \$16,575,461.53
- TotalSystemBenefit: \$7,073,894.16
- ElecBen: \$5,329,138.58
- GasBen: \$2,167,525.02
- OtherBen: \$7,800.00
- TRCCost: \$26,415,638.50
- PACCost: \$16,980,287.22

* Programs Included in the Budget Filing *

- TCR-Ag-001: Agriculture Technical Assistance
- TCR-CC-001: Energy Assurance Services (EAS)
- TCR-Com-001: Commercial Marketplace
- TCR-CS-001: Codes & Standards
- TCR-CS-PortfolioSupport: Portfolio Admin - CS
- TCR-EMV-001: TCR EM&V;
- TCR-Equity-PortfolioSupport: Portfolio Admin - Equity
- TCR-IDSM-CS-003: IDSM - Codes & Standards
- TCR-IDSM-Equity-001: IDSM - Equity
- TCR-IDSM-MarketSupport-002: IDSM - Market Support

- TCR-MS-PortfolioSupport: Portfolio Admin - Market Support
- 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: 2025

Submitted: 20:22:22 on 16 Oct 2023

By: Casey Connorton

Advice Letter Number: TBD

* Portfolio Budget Filing Summary *

- TRC: 0.31
- PAC: 0.47
- TRC (no admin): 0.57
- PAC (no admin): 1.6
- RIM: 0.37
- Budget: \$17,355,491.93
- TotalSystemBenefit: \$7,992,426.33
- ElecBen: \$5,526,297.26
- GasBen: \$2,921,095.43
- OtherBen: \$0.00
- TRCCost: \$27,220,065.97
- PACCost: \$17,784,714.69

* Programs Included in the Budget Filing *

- TCR-Ag-001: Agriculture Technical Assistance
- TCR-CC-001: Energy Assurance Services (EAS)
- TCR-Com-001: Commercial Marketplace
- TCR-CS-001: Codes & Standards
- TCR-CS-PortfolioSupport: Portfolio Admin - CS
- TCR-EMV-001: TCR EM&V;
- TCR-Equity-PortfolioSupport: Portfolio Admin - Equity
- TCR-IDSM-CS-003: IDSM - Codes & Standards
- TCR-IDSM-Equity-001: IDSM - Equity
- TCR-IDSM-MarketSupport-002: IDSM - Market Support

- TCR-MS-PortfolioSupport: Portfolio Admin - Market Support
- 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: 2026

Submitted: 20:23:51 on 16 Oct 2023

By: Casey Connorton

Advice Letter Number: TBD

* Portfolio Budget Filing Summary *

- TRC: 0.32
- PAC: 0.48
- TRC (no admin): 0.59
- PAC (no admin): 1.61
- RIM: 0.37
- Budget: \$18,181,332.40
- TotalSystemBenefit: \$8,441,906.06
- ElecBen: \$5,610,748.07
- GasBen: \$3,304,789.34
- OtherBen: \$0.00
- TRCCost: \$28,142,553.26
- PACCost: \$18,626,359.78

* Programs Included in the Budget Filing *

- TCR-Ag-001: Agriculture Technical Assistance
- TCR-CC-001: Energy Assurance Services (EAS)
- TCR-Com-001: Commercial Marketplace
- TCR-CS-001: Codes & Standards
- TCR-CS-PortfolioSupport: Portfolio Admin - CS
- TCR-EMV-001: TCR EM&V;
- TCR-Equity-PortfolioSupport: Portfolio Admin - Equity
- TCR-IDSM-CS-003: IDSM - Codes & Standards
- TCR-IDSM-Equity-001: IDSM - Equity
- TCR-IDSM-MarketSupport-002: IDSM - Market Support

- TCR-MS-PortfolioSupport: Portfolio Admin - Market Support
- 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: 2027

Submitted: 20:26:27 on 16 Oct 2023

By: Casey Connorton

Advice Letter Number: TBD

* Portfolio Budget Filing Summary *

- TRC: 0.4
- PAC: 0.48
- TRC (no admin): 1.0
- PAC (no admin): 1.64
- RIM: 0.37
- Budget: \$19,255,203.46
- TotalSystemBenefit: \$8,889,663.32
- ElecBen: \$5,796,246.86
- GasBen: \$3,585,083.69
- OtherBen: \$0.00
- TRCCost: \$23,434,036.57
- PACCost: \$19,713,263.23

* Programs Included in the Budget Filing *

- TCR-Ag-001: Agriculture Technical Assistance
- TCR-CC-001: Energy Assurance Services (EAS)
- TCR-Com-001: Commercial Marketplace
- TCR-CS-001: Codes & Standards
- TCR-CS-PortfolioSupport: Portfolio Admin - CS
- TCR-EMV-001: TCR EM&V;
- TCR-Equity-PortfolioSupport: Portfolio Admin - Equity
- TCR-IDSM-CS-003: IDSM - Codes & Standards
- TCR-IDSM-Equity-001: IDSM - Equity
- TCR-IDSM-MarketSupport-002: IDSM - Market Support

- TCR-MS-PortfolioSupport: Portfolio Admin - Market Support
- TCR-Res-002: Multifamily
- TCR-Res-003: Single Family NMEC
- TCR-WET-001: Workforce Education & Training