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Exhibit No.: 1-A

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CENTRAL CALIFORNIA RURAL REGIONAL ENERGY NETWORK

ENERGY EFFICIENCY

2028-2031 PORTFOLIO PLAN AND 2032-2035 BUSINESS PLAN

REVISED TESTIMONY EXHIBIT 1-A

REDLINED VERSION



1 their team members represent, live, and work in the communities served. We
2 have seen first-hand the impacts of:

- 3 • Increasing energy costs,
- 4 • Extreme weather events,
- 5 • Depressed economic and educational opportunities, and
- 6 • Poor air quality.

7 CCR REN's lived experiences were reinforced through community
8 engagement with 264 unique participants across 30 stakeholder meetings, 4
9 listening sessions, 3 community workshops, 3 community surveys, and 1 focus
10 group. Across all three regions, community members expressed concern about:

- 11 • Rising utility bills,
- 12 • Opportunities for energy-related work locally, and
- 13 • Challenges in accessing and participating in energy-saving programs.

14 **IV. Impact**

15 CCR REN responded to lived experiences and community feedback by
16 updating the program portfolio to prioritize affordability, customer bill savings,
17 workforce development, and air quality. The 2028-2035 Business Plan positively
18 impacts geographically hard-to-reach, Underserved, and Disadvantaged
19 ratepayers and workers across non-residential and residential sectors. CCR REN's
20 2028-2031 portfolio is forecasted to:

- 21 • Deliver \$~~216m~~212m TSB and achieve a 4-year portfolio TRC ratio of
22 ~~1.08~~0.06,
- 23 • Generate \$20.808~~21.58~~ million in lifecycle customer bill savings,
- 24 • Achieve $\geq 75\%$ permanent job placement rates for WE&T participants,

- Reduce CO2e by ~~722k~~715k Metric Tons, NOx by ~~13.8~~5.7k lbs. and PM10 by 13.8 lbs.

V. Access to Programs and Information

CCR REN's proven place-based approach increases access to programs and information by delivering trusted in-community services. CCR REN's in-community approach builds trust by leveraging existing relationships, raises community awareness of key energy-efficiency issues by being present and approachable, and delivers energy and utility cost savings through installers who have a vested interest in the communities they live and work in. The Business Plan scales CCR REN's innovative solutions to solving the Rural Cost Penalty and is designed from the bottom up to equitably and affordably increase access to information and participation in energy efficiency programs.

For non-residential customers, CCR REN is focused on delivering programs that provide cost-effective resource acquisition, beneficial electrification, permanent load shifting, and bill savings. Increased access to programs and information will be supported by an in-community workforce trained through the WE&T program. This approach was proven in 2025 and will increase access to information and delivery of programs and will also build the workforce our region needs to reduce the Rural Cost Penalty, create climate-adaptive careers, and enable Central California to fully participate in and benefit from the clean energy transition.

For residential customers, CCR REN's community-driven approach will tailor program design to the needs of the communities being served. The program design will have a focus on increasing program participation among equity-targeted customers. This will be supported by a Codes & Standards program that seeks to expand access to information amongst building professionals, with a specific focus on refrigerant management practices.

Table 1. 4-year Portfolio Budget Forecast Summary (2028-2031)

	2028	2029	2030	2031	Total (4 years)
Market Support Segment Budget	\$5,650,713	\$6,421,903	\$6,382,192	\$6,434,438	\$24,889,246
Equity Segment Budget	\$4,299,247	\$7,380,067	\$8,507,590	\$8,562,105	\$28,749,009
Codes & Standards Budget	\$1,308,372	\$1,439,457	\$1,507,571	\$1,578,583	\$5,833,983
EM&V	\$1,259,835	\$1,606,238	\$1,874,019	\$2,070,014	\$6,810,106
ED Portfolio Oversight	\$-	\$-	\$-	\$-	\$-

Table 2. 4-year Portfolio Forecast Summary (2028-2031)

	2028	2029	2030	2031	Resource Acquisition Segment Only (Total 4-year)	Entire Portfolio (Total 4-year)
Total System Benefit (TSB)	~~32,432,602~~ <u>31,776,404</u>	~~46,661,030~~ <u>45,767,519</u>	~~61,892,736~~ <u>60,746,144</u>	~~75,100,727~~ <u>73,769,503</u>	~~202,999,636~~ <u>198,944,315</u>	~~216,087,095~~ <u>212,059,570</u>
Total Resource Cost (TRC) Ratio	0.9 ~~1~~ <u>2</u>	1.0 ~~0~~ <u>1</u>	1.0 ~~9~~ <u>1</u>	1.1 ~~7~~ <u>9</u>	1.3 ~~6~~ <u>9</u>	1.0 ~~6~~ <u>8</u>
Program Administrator Cost (PAC) Ratio	1.0 ~~2~~ <u>3</u>	1.1 ~~2~~ <u>4</u>	1.2 ~~3~~ <u>5</u>	1.3 ~~2~~ <u>4</u>	1.5 ~~9~~ <u>6</u>	1.1 ~~9~~ <u>2</u>

Table 2. 4-year Portfolio Forecast Summary (2028-2031)

	2028	2029	2030	2031	Resource Acquisition Segment Only (Total 4-year)	Entire Portfolio (Total 4-year)
Societal Cost Test (SCT) - Base	1. ~~26~~ <u>25</u>	1. ~~37~~ <u>36</u>	1. ~~50~~ <u>48</u>	1.5 <u>97</u>	1. ~~85~~ <u>81</u>	1. ~~46~~ <u>44</u>
Societal Cost Test (SCT) - High	1.2 <u>75</u>	1.3 <u>76</u>	1. ~~50~~ <u>48</u>	1.5 <u>97</u>	1. ~~85~~ <u>81</u>	1. ~~46~~ <u>44</u>
Ratepayer Impact Measure Test Ratio (RIM)	0.80	0.8 <u>23</u>	0.8 <u>67</u>	0.8 <u>89</u>	0.97	0.85
Lifecycle MWh	(49,511)	(62,573)	(80,644)	(91,769)	(304,341)	(284,498)
First Year MW	~~1.63~~ <u>2</u>	~~22.31~~	~~32.89~~	~~33.30~~	~~98.56~~	~~1010.13~~
Lifecycle MM THERMS	19. <u>41</u>	~~26~~ <u>25.97</u>	~~33~~ <u>32.83</u>	~~38~~ <u>37.79</u>	~~113~~ <u>112.78</u>	~~116~~ <u>116.00</u>
Lifecycle Net Electric CO2 Metric Tons	~~17,621~~ <u>16,424</u>	~~23,398~~ <u>21,886</u>	~~28,965~~ <u>27,153</u>	~~36,346~~ <u>34,367</u>	~~103,329~~ <u>96,911</u>	~~106,329~~ <u>99,830</u>
Lifecycle Net Gas CO2 Metric Tons	103,074	137,889	174,303	200,6 <u>40</u> ~~39~~	598,85 <u>2</u> ~~12~~	615,907

CCR REN's 2028-2031 energy efficiency portfolio is anchored in Resource Acquisition programming integrated with key Market Support and Equity services. Chapter 7 presents how each segment, sector, and program interacts and coordinates to optimize in-community place-based approaches. Figure 03-03 below presents CCR REN's portfolio budgets, TSB forecasts, cost per TSB, and TRC ratio forecasts. Key CCR REN strategies developed to optimize TSB and TRC while advancing key Equity outcomes include:

- Aligning program services and energy efficiency measures with building types and climate zones that deliver strong performance.
- Offering energy efficiency measures and services through program designs that deliver cost-effective TSB while advancing Equity outcomes.
- Integrating Market Support workforce activities with Resource Acquisition activities to build demand for energy efficiency while maintaining a focus on Equity.
- Issuing competitive program provider solicitations that produce innovative program designs that follow the County of San Luis Obispo's procurement policies while aligning to CCR REN's portfolio goals.
- Launching a Non-Residential SEM offering in 2027 to begin building momentum prior to 2028.

Figure 03-03. CCR REN 2028-2031 Portfolio

Program Name	Budget	TSB	\$/TSB	TRC
Commercial Energy Improvement Program	\$50,540,244	~~\$121,350,078~~ <u>\$117,294,757</u>	~~\$0.42~~ <u>\$0.43</u>	1.51 ~~7~~
Non-Residential SEM	\$41,866,424	\$81,649,558 ~~9~~	\$0.51	1.31

Figure 03-03. CCR REN 2028-2031 Portfolio

Program Name	Budget	TSB	\$/TSB	TRC
Residential Equity Program	\$23,146,483	~~\$13,087,459~~ <u>\$13,115,255</u>	\$1.7 <u>67</u>	0.59
WE&T	\$15,212,573	\$-	\$-	-
IDSM	\$6,854,233	\$-	\$-	-
Codes & Standards	\$5,174,062	\$-	\$-	-
Finance	\$2,424,151	\$-	\$-	-
EM&V	\$6,810,106	\$-	\$-	-
Portfolio Support	\$18,224,367	\$-	\$-	-
2028-2031 Totals	\$170,252,643	~~\$216,087,094~~ <u>\$12,059,570</u>	\$0. <u>8078</u>	1.0 <u>68</u>

1 Advance Building Decarbonization Activities in Your Energy Efficiency 2 Portfolio

3 Each program is designed to advance building decarbonization by
4 reducing combustion-related emissions, supporting the transition away from
5 Climate Pollutant fuels (regulated and non-regulated) by promoting energy
6 efficiency measures that lower overall consumption. These activities also address
7 Criteria Air Pollutants and refrigerants, reinforcing CCR REN's commitment to
8 Equity outcomes and improving air quality.

9 Figure 03-04 outlines CCR REN's specific strategies and objectives for
10 advancing air-quality improvements across its portfolio.

Chapter 5: Portfolio Management

Overview for 4-year plan and 8-year plan: Key metrics and outcomes

Alignment with 4- and 8-year goals

CCR REN's proposed Energy Efficiency Business Plan has outcomes that directly align with and support our 4- and 8-year goals. Figure 05-01 summarizes CCR REN's portfolio goals and the forecasted measurable outcomes associated with this plan, with the information available today.

Figure 05-01. 2028-2031 Portfolio Goals and Business Plan Outcomes¹⁰⁵

Goals	Business Plan Outcomes
Increase Access to Energy Efficiency Programs	- Investments flagged as hard-to-reach activities in CCR REN Climate Zones increase - Deliver more than 1,600 completed Commercial and Non-Residential energy saving projects - Deliver more than 3,750 ~~completed~~ Residential ~~energy-saving projects~~ engagements
Deliver Customer Bill Savings	\$21.580 million delivered in customer bill savings through energy-saving projects¹⁰⁶
Train a local and regional workforce	- Train 3 or more Cohorts per year - Place more than 75% of CEA participants in permanent clean Energy jobs

¹⁰⁵ The values in Figure 05-01 are forecasts based on currently available information and expectations. Forecasts are expected to be updated after program providers are selected and implementation plans are updated.

¹⁰⁶ CPUC Workbook Final, Tab 1. Participant Bill Impacts

Figure 05-01. 2028-2031 Portfolio Goals and Business Plan Outcomes¹⁰⁵

Goals	Business Plan Outcomes
	CEA participants and placements deliver more than 65% of leads to the CEIP program.
Increase air quality through the reduction of combustion fuels, GHGs, and Criteria pollutants	13,83~~8~~⁹ lbs. Lifecycle Net PM10 ~~15,773~~^{13,839} lbs. of <u>Net Lifecycle</u> NOx reduced ~~722,235~~^{715,737} Metric Tons <u>Net Lifecycle</u> CO2e reduced
Increase Community Resilience through IDSM	> 500 customers engaged > 250 participants 35+ projects completed or in progress \$1,500,000 or more in non-energy efficiency funding
Support Grid-Level Affordability	- Deliver a 2028-2031 Portfolio with a TRC ratio > 1.0 - Meet or exceed forecasted TSB - Fuel substitution measures increase off-peak energy use and do not increase peak use - Battery and/or thermal storage are used to permanently reduce peak demand

CCR REN's strategies, discussed in Chapter 3, align with achieving the goals and outcomes listed above. Additionally, CCR REN's Unique Value Metrics (UVMs) directly complement and measure progress towards those goals. Each UVM is intentionally aligned with a core element of the logic model, ensuring that CCR REN's activities, outputs, and outcomes translate into measurable value for customers and the state. As shown in Figure 05-02 below, the portfolio logic model provides a clear, structured depiction of the inputs, strategies, outputs,

1 and expected outcomes that collectively define CCR REN's portfolio strategy. It is
2 designed to show how CCR REN's programs translate resources into measurable
3 results and how those results advance the Commission's policy objectives.

4 **4- and 8-Year Portfolio Logic Model**

Figure 05-02: CCR REN Portfolio Logic Model

