## **Appendix B**

Program list extract from CEDARS, September 16, 2024.

| Index | Program                     | Program Name                                     | Status | PA     |
|-------|-----------------------------|--|--------|--------|
| 1     | BAY_CS_PortfolioSupport     | PORTFOLIO ADMIN-CODES & STANDARDS                | New    | BayREN |
| 2     | BAY_Equity_PortfolioSupport | PORTFOLIO ADMIN-EQUITY                           | New    | BayREN |
| 3     | BAY_MS_PortfolioSupport     | PORTFOLIO ADMIN-MARKET SUPPORT                   | New    | BayREN |
| 4     | BAY_RA_PortfolioSupport     | PORTFOLIO ADMIN-RESOURCE ACQUISITION             | New    | BayREN |
| 5     | BAYREN02                    | Multi Family                                     | Active | BayREN |
| 6     | BAYREN02-A                  | BAMBE Electrification                            | Active | BayREN |
| 7     | BAYREN02_IDSM               | MULTIFAMILY IDSM                                 | New    | BayREN |
| 8     | BAYREN03                    | Codes and Standards Program                      | Active | BayREN |
| 9     | BAYREN04                    | Water Upgrades Save                              | Active | BayREN |
| 10    | BAYREN05-A                  | Evaluation Measurement and Verification - BAYREN | Active | BayREN |
| 11    | BAYREN06                    | Commercial                                       | Active | BayREN |
| 12    | BAYREN07                    | Green Labeling                                   | Active | BayREN |
| 13    | BAYREN08                    | Single Family                                    | Active | BayREN |
| 14    | BAYREN08_IDSM               | SINGLE FAMILY IDSM                               | New    | BayREN |
| 15    | BAYREN09                    | Climate Careers                                  | New    | BayREN |
| 16    | BAYREN10                    | Refrigerant Replacement                          | New    | BayREN |
| 17    | BAYREN11                    | Integrated Energy Services                       | New    | BayREN |
| 18    | BAYREN11_IDSM               | INTEGRATED ENERGY SERVICES IDSM                  | New    | BayREN |
| 19    | BAYREN12                    | Targeted Decarbonization Services                | New    | BayREN |
| 20    | BAYREN12_IDSM               | TARGETED DECARBONIZATION SERVICES IDSM           | New    | BayREN |
| 21    | BAY_SW_HESC                 | SW Home Energy Score California                  | New    | BayREN |
| 22    | BAY_SW_HESC_PA              | SW Home Energy Score California - PA Costs       | New    | BayREN |
| 23    | CPSF_FS                     | CPSF Food Service                                | New    | CPSF   |

| Index | Program                      | Program Name   | Status        | PA   |
|-------|------------------------------|--|---------------|------|
| 24    | EBCE01                       | Commercial Pay-for-Performance Energy Efficiency Program   | New           | EBCE |
| 25    | IREN-CS-001                  | C&S Training and Education Program                         | New           | IREN |
| 26    | IREN-CS-002                  | C&S Technical Support Program                              | New           | IREN |
| 27    | IREN-CS-PortfolioSupport     | PORTFOLIO ADMIN-CODES & STANDARDS                          | New           | IREN |
| 28    | IREN-EMV-001                 | IREN EM&V  | New           | IREN |
| 29    | IREN-Equity-PortfolioSupport | PORTFOLIO ADMIN-EQUITY                                     | New           | IREN |
| 30    | IREN-IDSM-Equity-001         | Equity IDSM  | New           | IREN |
| 31    | IREN-MS-PortfolioSupport     | PORTFOLIO ADMIN-MARKET SUPPORT                             | New           | IREN |
| 32    | IREN-PUBL-001                | Technical Assistance and Strategic Energy Planning Program | New           | IREN |
| 33    | IREN-PUBL-002                | Public Buildings NMEC Program                              | New           | IREN |
| 34    | IREN-WET-001                 | WE&T Training and Education Program                        | New           | IREN |
| 35    | IREN-WET-002                 | WE&T Workforce Development Program                         | New           | IREN |
| 36    | MCE01                        | Multifamily Energy Savings                                 | Active        | MCE  |
| 37    | MCE01c                       | Multifamily Strategic Energy Management                    | Active        | MCE  |
| 38    | MCE01d                       | Res Marketplace  | New           | MCE  |
| 39    | MCE02a                       | Commercial Deemed  | Active        | MCE  |
| 40    | MCE02b                       | Commercial Custom  | Active        | MCE  |
| 41    | MCE02c                       | Commercial Strategic Energy Management                     | Active        | MCE  |
| 42    | MCE02d                       | Commercial Marketplace                                     | Active        | MCE  |
| 43    | MCE02e                       | Commercial Equity  | Transitioning | MCE  |
| 44    | MCE08                        | Single Family Home Energy Savings                          | Active        | MCE  |
| 45    | MCE100                       | Integrated Demand Side Management (IDSM)                   | New           | MCE  |
| 46    | MCE101-Equity-PS             | Equity Portfolio Support                                   | New           | MCE  |
| 47    | MCE101-MS-PS                 | Market Support Portfolio Support                           | New           | MCE  |
| 48    | MCE101-RA-PS                 | Resource Acquisition Portfolio Support                     | New           | MCE  |
| 49    | MCE10a                       | Industrial Deemed  | Active        | MCE  |
| 50    | MCE10b                       | Industrial Custom  | Active        | MCE  |

| Index | Program   | Program Name                                   | Status | PA  |
|-------|-----------|--|--------|-----|
| 51    | MCE10c    | Industrial Strategic Energy Management         | Active | MCE |
| 52    | MCE11a    | Agricultural Deemed                            | Active | MCE |
| 53    | MCE11b    | Agricultural Custom                            | Active | MCE |
| 54    | MCE11c    | Agricultural Strategic Energy Management       | Active | MCE |
| 55    | MCE16     | Green Workforce Pathways                       | Active | MCE |
| 56    | MCE17     | Commercial Equity                              | New    | MCE |
| 57    | MCE97     | CPUC EM&V                                      | Active | MCE |
| 58    | MCE98     | MCE EM&V                                       | Active | MCE |
| 59    | PCE01     | PCE FLEXmarket                                 | New    | PCE |
| 60    | PGE21002  | Residential Energy Efficiency                  | Active | PGE |
| 61    | PGE21005  | Residential New Construction                   | Active | PGE |
| 62    | PGE21007  | California New Homes Multifamily               | Active | PGE |
| 63    | PGE21011  | Commercial Calculated Incentives               | Active | PGE |
| 64    | PGE21012  | Commercial Deemed Incentives                   | Active | PGE |
| 65    | PGE21014  | Commercial Energy Advisor                      | Active | PGE |
| 66    | PGE210143 | Hospitality Program                            | Active | PGE |
| 67    | PGE21015  | Commercial HVAC                                | Active | PGE |
| 68    | PGE21021  | Industrial Calculated Incentives               | Active | PGE |
| 69    | PGE210210 | Industrial Recommissioning Program             | Active | PGE |
| 70    | PGE210212 | Compressed Air and Vacuum Optimization Program | Active | PGE |
| 71    | PGE21022  | Industrial Deemed Incentives                   | Active | PGE |
| 72    | PGE21024  | Industrial Energy Advisor                      | Active | PGE |
| 73    | PGE21027  | Heavy Industry Energy Efficiency Program       | Active | PGE |
| 74    | PGE21031  | Agricultural Calculated Incentives             | Active | PGE |
| 75    | PGE21032  | Agricultural Deemed Incentives                 | Active | PGE |
| 76    | PGE21034  | Agricultural Energy Advisor                    | Active | PGE |
| 77    | PGE21051  | Building Codes Advocacy                        | Active | PGE |

| Index | Program      | Program Name   | Status | PA  |
|-------|--------------|--|--------|-----|
| 78    | PGE21053     | Compliance Improvement                               | Active | PGE |
| 79    | PGE21054     | Reach Codes  | Active | PGE |
| 80    | PGE21055     | Planning and Coordination                            | Active | PGE |
| 81    | PGE21056     | Code Readiness                                       | Active | PGE |
| 82    | PGE21061     | Technology Development Support                       | Active | PGE |
| 83    | PGE21062     | Technology Assessments                               | Active | PGE |
| 84    | PGE21063     | Technology Introduction Support                      | Active | PGE |
| 85    | PGE21071     | WE&T Integrated Energy Education and Training        | Active | PGE |
| 86    | PGE21072     | WE&T Connections                                     | Active | PGE |
| 87    | PGE21073     | WE&T Strategic Planning                              | Active | PGE |
| 88    | PGE21091     | On-Bill Financing (excludes Loan Pool)               | Active | PGE |
| 89    | PGE210911    | On-Bill Financing Alternative Pathway                | Active | PGE |
| 90    | PGE21092     | Third-Party Financing                                | Active | PGE |
| 91    | PGE21093     | New Financing Offerings                              | Active | PGE |
| 92    | PGE2110011   | California Community Colleges                        | Active | PGE |
| 93    | PGE2110012   | University of California/California State University | Active | PGE |
| 94    | PGE2110013   | State of California                                  | Active | PGE |
| 95    | PGE2110014   | Department of Corrections and Rehabilitation         | Active | PGE |
| 96    | PGE2110051   | Local Government Energy Action Resources (LGEAR)     | Active | PGE |
| 97    | PGE211025    | Savings by Design (SBD)                              | Active | PGE |
| 98    | PGE_Ag_001   | Agricultural Efficiency Program                      | Active | PGE |
| 99    | PGE_CEC_SEES | SEESP Funds Transfer to CEC                          | Active | PGE |
| 100   | PGE_Com_001  | Grocery Efficiency Program                           | Active | PGE |
| 101   | PGE_Com_002  | Laboratory Performance Efficiency Program            | Active | PGE |
| 102   | PGE_Com_003  | Commercial Efficiency Program                        | Active | PGE |
| 103   | PGE_Com_004  | High Tech and Bio Tech Efficiency Program            | Active | PGE |
| 104   | PGE_Com_005  | Healthcare Efficiency Program                        | Active | PGE |

| Index | Program                     | Program Name   | Status        | PA  |
|-------|-----------------------------|--|---------------|-----|
| 105   | PGE_Com_006                 | Summer Reliability Platform Administrator Placeholder    | New           | PGE |
| 106   | PGE_Com_007                 | Commercial Behavioral Program                            | New           | PGE |
| 107   | PGE_Com_008                 | Multi-DER Placeholder                                    | New           | PGE |
| 108   | PGE_Com_EM                  | Commercial Energy Management Placeholder                 | New           | PGE |
| 109   | PGE_Com_SmallBiz            | Micro and Small Business Program                         | Active        | PGE |
| 110   | PGE_Com_ZE                  | Zonal Electrification Placeholder (Commercial)           | New           | PGE |
| 111   | PGE_CS_Decarb               | C&S Decarbonization Support Placeholder                  | New           | PGE |
| 112   | PGE_CS_GRC_Overheads        | GRC Labor Loaders - Codes and Standards                  | Active        | PGE |
| 113   | PGE_CS_PortfolioSupport     | Codes & Standards Portfolio Support PA Costs             | Active        | PGE |
| 114   | PGE_EMV                     | Evaluation Measurement and Verification                  | Active        | PGE |
| 115   | PGE_EMV_001                 | PGE EM&V   | Transitioning | PGE |
| 116   | PGE_EMV_002                 | CPUC EM&V  | Transitioning | PGE |
| 117   | PGE_Equity_GRC_Overheads    | GRC Labor Loaders - Equity                               | Active        | PGE |
| 118   | PGE_Equity_PortfolioSupport | Equity Portfolio Support PA Costs                        | Active        | PGE |
| 119   | PGE_ESA                     | Energy Savings Assistance                                | Active        | PGE |
| 120   | PGE_Ind_001a                | Industrial Strategic Energy Management - Food Processing | Active        | PGE |
| 121   | PGE_Ind_001b                | Industrial Strategic Energy Management - Manufacturing   | Active        | PGE |
| 122   | PGE_Ind_002                 | Petroleum and Chemical Efficiency Program                | Active        | PGE |
| 123   | PGE_Ind_003                 | Manufacturing and Food Processing Efficiency Program     | Active        | PGE |
| 124   | PGE_LoanPool                | Financing Loan Pool Addition                             | Active        | PGE |
| 125   | PGE_MS_GRC_Overheads        | GRC Labor Loaders - Market Support                       | Active        | PGE |
| 126   | PGE_MS_PortfolioSupport     | Market Support Portfolio Support PA Costs                | Active        | PGE |
| 127   | PGE_OBFAP                   | On-Bill Financing Alternative Pathway                    | Transitioning | PGE |
| 128   | PGE_OtherPA_Admin           | IOU REN/CCA Admin Costs                                  | New           | PGE |
| 129   | PGE_Portfolio_Oversight     | ED Portfolio Oversight                                   | Active        | PGE |
| 130   | PGE_Pub_001                 | Central Coast Local Government Partnership               | Active        | PGE |
| 131   | PGE_Pub_002                 | Marin Local Government Partnership                       | Active        | PGE |

| Index | Program                 | Program Name  | Status | PA  |
|-------|-------------------------|---|--------|-----|
| 132   | PGE_Pub_003             | Redwood Local Government Partnership                      | Active | PGE |
| 133   | PGE_Pub_004             | Central California Local Government Partnership           | Active | PGE |
| 134   | PGE_Pub_005             | San Mateo Local Government Partnership                    | Active | PGE |
| 135   | PGE_Pub_007             | Sierra Local Government Partnership                       | Active | PGE |
| 136   | PGE_Pub_008             | Sonoma Local Government Partnership                       | Active | PGE |
| 137   | PGE_Pub_009             | Government and K-12 Comprehensive Program                 | Active | PGE |
| 138   | PGE_Pub_010             | Wastewater Process Efficiency Program                     | Active | PGE |
| 139   | PGE_Pub_011             | California Analysis Tool for Locational Energy Assessment | New    | PGE |
| 140   | PGE_Pub_Resiliency      | Resiliency Support Placeholder (Public)                   | New    | PGE |
| 141   | PGE_RA_GRC_Overheads    | GRC Labor Loaders - Resource Acquisition                  | Active | PGE |
| 142   | PGE_RA_PortfolioSupport | Resource Acquisition Portfolio Support PA Costs           | Active | PGE |
| 143   | PGE_Res_001a            | Pay for Performance - Comfortable Home Rebates            | Active | PGE |
| 144   | PGE_Res_001b            | Virtual Energy Audit Program                              | Active | PGE |
| 145   | PGE_Res_001c            | Pay for Performance - Home Energy Rewards                 | Active | PGE |
| 146   | PGE_Res_001d            | Pay for Performance - Home Energy Optimization            | Active | PGE |
| 147   | PGE_Res_002a            | Universal Audit Tool Program                              | Active | PGE |
| 148   | PGE_Res_002d            | Residential Behavioral Program                            | Active | PGE |
| 149   | PGE_Res_002e            | Online Marketplace Program                                | New    | PGE |
| 150   | PGE_Res_Equity          | Residential Equity Placeholder                            | New    | PGE |
| 151   | PGE_Res_LoadMgt         | Residential Load Management Placeholder                   | New    | PGE |
| 152   | PGE_Res_Mkt_Spt         | Residential Market Support Placeholder                    | New    | PGE |
| 153   | PGE_Res_Resiliency      | Resiliency Support Placeholder (Residential)              | New    | PGE |
| 154   | PGE_Res_ZE              | Zonal Electrification Placeholder (Residential)           | New    | PGE |
| 155   | PGE_SW_CSA_Appl         | State Appliance Standards Advocacy                        | Active | PGE |
| 156   | PGE_SW_CSA_Appl_PA      | State Appliance Standards Advocacy - PGE Costs            | Active | PGE |
| 157   | PGE_SW_CSA_Bldg         | State Building Codes Advocacy                             | Active | PGE |
| 158   | PGE_SW_CSA_Bldg_PA      | State Building Codes Advocacy - PGE Costs                 | Active | PGE |

| Index | Program                          | Program Name  | Status | PA  |
|-------|----------------------------------|---|--------|-----|
| 159   | PGE_SW_CSA_Natl                  | National Codes & Standards Advocacy                       | Active | PGE |
| 160   | PGE_SW_CSA_Natl_PA               | National Codes & Standards Advocacy - PGE Costs           | Active | PGE |
| 161   | PGE_SW_ETP_Elec                  | Emerging Technologies Program, Electric                   | New    | PGE |
| 162   | PGE_SW_ETP_Elec_PA               | Emerging Technologies Program, Electric - PGE Costs       | New    | PGE |
| 163   | PGE_SW_ETP_Gas                   | Emerging Technologies Program, Gas                        | Active | PGE |
| 164   | PGE_SW_ETP_Gas_PA                | Emerging Technologies Program, Gas - PGE Costs            | Active | PGE |
| 165   | PGE_SW_FS                        | Food Service POS  | Active | PGE |
| 166   | PGE_SW_FS_PA                     | Food Service POS - PGE Costs                              | Active | PGE |
| 167   | PGE_SW_HVAC_QIQM                 | Statewide Residential QI/QM                               | New    | PGE |
| 168   | PGE_SW_HVAC_QIQM_PA              | Statewide Residential QI/QM - PGE Costs                   | New    | PGE |
| 169   | PGE_SW_HVAC_Up_Com               | SW HVAC Upstream Commercial                               | New    | PGE |
| 170   | PGE_SW_HVAC_Up_Com_PA            | SW HVAC Upstream Commercial - PGE Costs                   | New    | PGE |
| 171   | PGE_SW_HVAC_Up_Res               | SW HVAC Upstream Residential                              | New    | PGE |
| 172   | PGE_SW_HVAC_Up_Res_PA            | SW HVAC Upstream Residential - PGE Costs                  | New    | PGE |
| 173   | PGE_SW_IP_Colleges               | Institutional Partnerships, UC/CSU/CCC                    | Active | PGE |
| 174   | PGE_SW_IP_Colleges_PA            | Institutional Partnerships, UC/CSU/CCC - PGE Costs        | Active | PGE |
| 175   | PGE_SW_IP_Gov                    | Institutional Partnerships: DGS and DoC                   | Active | PGE |
| 176   | PGE_SW_IP_Gov_PA                 | Institutional Partnerships: DGS and DoC - PGE Costs       | Active | PGE |
| 177   | PGE_SW_MCWH                      | Midstream Comm Water Heating                              | Active | PGE |
| 178   | PGE_SW_MCWH_PA                   | Midstream Comm Water Heating - PGE Costs                  | Active | PGE |
| 179   | PGE_SWMEO                        | Statewide Marketing Education and Outreach                | Active | PGE |
| 180   | PGE_SW_NC_NonRes_Ag_electric     | SW New Construction NonRes Ag - All Electric              | Active | PGE |
| 181   | PGE_SW_NC_NonRes_Ag_electric_PA  | SW New Construction NonRes Ag - All Electric - PGE Costs  | Active | PGE |
| 182   | PGE_SW_NC_NonRes_Ag_mixed        | SW New Construction NonRes Ag - Mixed Fuel                | Active | PGE |
| 183   | PGE_SW_NC_NonRes_Ag_mixed_PA     | SW New Construction NonRes Ag - Mixed Fuel - PGE Costs    | Active | PGE |
| 184   | PGE_SW_NC_NonRes_Com_electric    | SW New Construction NonRes Com - All Electric             | Active | PGE |
| 185   | PGE_SW_NC_NonRes_Com_electric_PA | SW New Construction NonRes Com - All Electric - PGE Costs | Active | PGE |

| Index | Program                          | Program Name   | Status | PA   |
|-------|----------------------------------|--|--------|------|
| 186   | PGE_SW_NC_NonRes_Com_mixed       | SW New Construction NonRes Com - Mixed Fuel                  | Active | PGE  |
| 187   | PGE_SW_NC_NonRes_Com_mixed_PA    | SW New Construction NonRes Com - Mixed Fuel - PGE Costs      | Active | PGE  |
| 188   | PGE_SW_NC_NonRes_Ind_electric    | SW New Construction NonRes Ind - All Electric                | Active | PGE  |
| 189   | PGE_SW_NC_NonRes_Ind_electric_PA | SW New Construction NonRes Ind - All Electric - PGE Costs    | Active | PGE  |
| 190   | PGE_SW_NC_NonRes_Ind_mixed       | SW New Construction NonRes Ind - Mixed Fuel                  | Active | PGE  |
| 191   | PGE_SW_NC_NonRes_Ind_mixed_PA    | SW New Construction NonRes Ind - Mixed Fuel - PGE Costs      | Active | PGE  |
| 192   | PGE_SW_NC_NonRes_Pub_electric    | SW New Construction NonRes Public - All Electric             | Active | PGE  |
| 193   | PGE_SW_NC_NonRes_Pub_electric_PA | SW New Construction NonRes Public - All Electric - PGE Costs | Active | PGE  |
| 194   | PGE_SW_NC_NonRes_Pub_mixed       | SW New Construction NonRes Public - Mixed Fuel               | Active | PGE  |
| 195   | PGE_SW_NC_NonRes_Pub_mixed_PA    | SW New Construction NonRes Public - Mixed Fuel - PGE Costs   | Active | PGE  |
| 196   | PGE_SW_NC_NonRes_Res_electric    | SW New Construction NonRes Res - All Electric                | Active | PGE  |
| 197   | PGE_SW_NC_NonRes_Res_electric_PA | SW New Construction NonRes Res - All Electric - PGE Costs    | Active | PGE  |
| 198   | PGE_SW_NC_NonRes_Res_mixed       | SW New Construction NonRes Res - Mixed Fuel                  | Active | PGE  |
| 199   | PGE_SW_NC_NonRes_Res_mixed_PA    | SW New Construction NonRes Res - Mixed Fuel - PGE Costs      | Active | PGE  |
| 200   | PGE_SW_NC_Res_electric           | SW New Construction Res - All Electric                       | Active | PGE  |
| 201   | PGE_SW_NC_Res_electric_PA        | SW New Construction Res - All Electric - PGE Costs           | Active | PGE  |
| 202   | PGE_SW_PLA                       | Plug Load and Appliance                                      | Active | PGE  |
| 203   | PGE_SW_PLA_PA                    | Plug Load and Appliance - PGE Costs                          | Active | PGE  |
| 204   | PGE_SW_UL_PA                     | Lighting (Upstream) - PGE Costs                              | Active | PGE  |
| 205   | PGE_SW_WET_CC                    | WET Career Connections                                       | Active | PGE  |
| 206   | PGE_SW_WET_CC_PA                 | WET Career Connections - PGE Costs                           | Active | PGE  |
| 207   | PGE_SW_WET_Work                  | WET Career and Workforce Readiness                           | Active | PGE  |
| 208   | PGE_SW_WET_Work_PA               | WET Career and Workforce Readiness - PGE Costs               | Active | PGE  |
| 209   | PGE_SW_WP                        | Water/wastewater Pumping                                     | New    | PGE  |
| 210   | PGE_SW_WP_PA                     | Water/wastewater Pumping - PGE Costs                         | New    | PGE  |
| 211   | PGE_WATER                        | Water Energy Nexus   | Active | PGE  |
| 212   | RREN01                           | Residential Resource Acquisition                             | New    | RREN |

| Index | Program                        | Program Name  | Status        | PA   |
|-------|--------------------------------|---|---------------|------|
| 213   | RREN02                         | Commercial Resource Acquisition                             | New           | RREN |
| 214   | RREN03                         | Public Equity   | New           | RREN |
| 215   | RREN04                         | Residential Equity  | New           | RREN |
| 216   | RREN05                         | Rural Workforce Education and Training                      | New           | RREN |
| 217   | RREN06                         | Rural Codes and Standards Program                           | New           | RREN |
| 218   | RREN07                         | Rural Finance Equity  | New           | RREN |
| 219   | RREN08_RA_PortfolioSupport     | Resource Acquisition Portfolio Support PA Costs             | New           | RREN |
| 220   | RREN09_Equity_PortfolioSupport | Equity Portfolio Support PA Costs                           | New           | RREN |
| 221   | RREN10_CS_PortfolioSupport     | Codes & Standards Portfolio Support PA Costs                | New           | RREN |
| 222   | RREN11_EMV                     | Evaluation Measurement & Verification Costs                 | New           | RREN |
| 223   | RREN12_IDSM                    | RuralREN IDSM Budget  | New           | RREN |
| 224   | SCE-13-ESA                     | Energy Savings Assistance Program                           | Active        | SCE  |
| 225   | SCE-13-L-002Y                  | Grandfathered Street Lights                                 | Active        | SCE  |
| 226   | SCE-13-L-003A                  | California Community Colleges Energy Efficiency Partnership | Transitioning | SCE  |
| 227   | SCE-13-L-003G                  | UC/CSU Energy Efficiency Partnership                        | Transitioning | SCE  |
| 228   | SCE-13-RENAdmin                | IOU REN Administrative Costs                                | Active        | SCE  |
| 229   | SCE-13-SW-001A                 | Energy Advisor Program                                      | Active        | SCE  |
| 230   | SCE-13-SW-001B                 | Plug Load and Appliances Program                            | Transitioning | SCE  |
| 231   | SCE-13-SW-001F                 | Residential New Construction Program                        | Transitioning | SCE  |
| 232   | SCE-13-SW-001G                 | Residential Direct Install Program                          | Active        | SCE  |
| 233   | SCE-13-SW-002A                 | Commercial Energy Advisor Program                           | Active        | SCE  |
| 234   | SCE-13-SW-002F                 | Nonresidential HVAC Program                                 | Transitioning | SCE  |
| 235   | SCE-13-SW-003D                 | Strategic Energy Management Program                         | Active        | SCE  |
| 236   | SCE-13-SW-007A                 | On-Bill Financing   | Active        | SCE  |
| 237   | SCE-13-SW-007A1                | On-Bill Financing Loan Pool                                 | Active        | SCE  |
| 238   | SCE-13-SW-007C                 | New Finance Offerings                                       | Active        | SCE  |
| 239   | SCE-13-SW-007C1                | New Finance Offerings Credit Enhancements                   | New           | SCE  |

| Index | Program                     | Program Name  | Status        | PA  |
|-------|-----------------------------|---|---------------|-----|
| 240   | SCE-13-SW-008C              | Compliance Improvement                                  | Active        | SCE |
| 241   | SCE-13-SW-008D              | Reach Codes   | Active        | SCE |
| 242   | SCE-13-SW-008E              | Planning and Coordination                               | Active        | SCE |
| 243   | SCE-13-SW-009A              | Technology Development Support                          | Transitioning | SCE |
| 244   | SCE-13-SW-009B              | Technology Assessments                                  | Transitioning | SCE |
| 245   | SCE-13-SW-009C              | Technology Introduction Support                         | Transitioning | SCE |
| 246   | SCE-13-SW-010A              | WE&T Integrated Energy Education and Training           | Active        | SCE |
| 247   | SCE-13-SWMEO                | Statewide Marketing, Education & Outreach               | Active        | SCE |
| 248   | SCE-13-TP-001               | Comprehensive Manufactured Homes                        | Active        | SCE |
| 249   | SCE-13-TP-022               | Water Infrastructure Systems Energy Efficiency Program  | Transitioning | SCE |
| 250   | SCE-13-TP-025               | Facility Assessment Service Program                     | Active        | SCE |
| 251   | SCE-13-TP-026               | Residential 3P Solicitation                             | Active        | SCE |
| 252   | SCE-13-TP-027               | Commercial 3P Solicitation                              | Active        | SCE |
| 253   | SCE-13-TP-028               | Industrial 3P Solicitation                              | Active        | SCE |
| 254   | SCE-13-TP-029               | Local Public Sector 3P Solicitation                     | New           | SCE |
| 255   | SCE-13-TP-030               | Agricultural 3P Solicitation                            | New           | SCE |
| 256   | SCE-3OV0100                 | SCE EM&V  | Active        | SCE |
| 257   | SCE-3OV0200                 | CPUC EM&V   | Active        | SCE |
| 258   | SCE_3P_2020RCI_001          | Marketplace   | New           | SCE |
| 259   | SCE_3P_2020RCI_003          | Commercial Behavioral Program                           | Active        | SCE |
| 260   | SCE_3P_2020RCI_005          | Comprehensive Commercial Program                        | Active        | SCE |
| 261   | SCE_3P_2021AGPUB_001        | Agriculture Energy Efficiency Program                   | New           | SCE |
| 262   | SCE_3P_2021AGPUB_002        | Public Energy Performance Program                       | New           | SCE |
| 263   | SCE_3P_SEM_001              | Commercial Energy Manager Program                       | New           | SCE |
| 264   | SCE_3P_SEM_002              | Industrial and Agriculture Energy Manager Program (Ind) | New           | SCE |
| 265   | SCE_CS_PortfolioSupport     | Codes & Standards Portfolio Support Costs               | New           | SCE |
| 266   | SCE_Equity_PortfolioSupport | Equity Portfolio Support Costs                          | New           | SCE |

| Index | Program                 | Program Name   | Status | PA  |
|-------|-------------------------|--|--------|-----|
| 267   | SCE_MarketSupport_001   | EE New Program Design Pilots   | New    | SCE |
| 268   | SCE_MarketSupport_002   | EE Contractor Demand Building Program  | New    | SCE |
| 269   | SCE_MS_PortfolioSupport | Market Support Portfolio Support Costs                                       | New    | SCE |
| 270   | SCE_PB_CS               | Codes and Standards P&B  | New    | SCE |
| 271   | SCE_PB_EMV              | EM&V P&B   | New    | SCE |
| 272   | SCE_PB_Equity           | Equity P&B   | New    | SCE |
| 273   | SCE_PB_MS               | Market Support P&B   | New    | SCE |
| 274   | SCE_PB_RA               | Resource Acquisition P&B   | New    | SCE |
| 275   | SCE_Portfolio_Oversight | ED Portfolio Oversight   | New    | SCE |
| 276   | SCE_RA_PortfolioSupport | Resource Acquisition Portfolio Support Costs                                 | New    | SCE |
| 277   | SCE_Res_Equity_001      | Residential Energy Advisor (Resource)  | New    | SCE |
| 278   | SCE_Res_Equity_002      | Residential Energy Advisor (Non-Resource)                                    | New    | SCE |
| 279   | SCE_Res_Equity_003      | Disadvantaged Communities Marketing and Outreach                             | New    | SCE |
| 280   | SCE_SMB_Equity_001      | Simplified Savings   | New    | SCE |
| 281   | SCE_SW_CSA_Appl         | Codes & Standards Advocacy - State Appliance Standards Advocacy              | Active | SCE |
| 282   | SCE_SW_CSA_Appl_PA      | Codes & Standards Advocacy - State Appliance Standards Advocacy - SCE Costs  | Active | SCE |
| 283   | SCE_SW_CSA_Bldg         | Codes & Standards Advocacy - State Building Codes Advocacy                   | Active | SCE |
| 284   | SCE_SW_CSA_Bldg_PA      | Codes & Standards Advocacy - State Building Codes Advocacy - SCE Costs       | Active | SCE |
| 285   | SCE_SW_CSA_Natl         | Codes & Standards Advocacy - National Codes & Standards Advocacy             | Active | SCE |
| 286   | SCE_SW_CSA_Natl_PA      | Codes & Standards Advocacy - National Codes & Standards Advocacy - SCE Costs | Active | SCE |
| 287   | SCE_SW_ETP_Elec         | Emerging Technologies Program, Electric                                      | New    | SCE |
| 288   | SCE_SW_ETP_Elec_PA      | Emerging Technologies Program, Electric - SCE Costs                          | New    | SCE |
| 289   | SCE_SW_FS               | Food Service POS   | Active | SCE |
| 290   | SCE_SW_FS_PA            | Food Service POS - SCE Costs   | Active | SCE |
| 291   | SCE_SW_HVAC_QIQM        | SW HVAC QI/QM Program  | New    | SCE |

| Index | Program                          | Program Name   | Status | PA  |
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| 292   | SCE_SW_HVAC_QIQM_PA              | SW HVAC QI/QM Program - SCE Costs                            | Active | SCE |
| 293   | SCE_SW_HVAC_Up_Com               | SW HVAC Upstream Commercial                                  | New    | SCE |
| 294   | SCE_SW_HVAC_Up_Com_PA            | SW HVAC Upstream Commercial - SCE Costs                      | New    | SCE |
| 295   | SCE_SW_HVAC_Up_Res               | SW HVAC Upstream Residential                                 | New    | SCE |
| 296   | SCE_SW_HVAC_Up_Res_PA            | SW HVAC Upstream Residential - SCE Costs                     | New    | SCE |
| 297   | SCE_SW_IP_Colleges               | Institutional Partnerships, UC/CSU/CCC                       | New    | SCE |
| 298   | SCE_SW_IP_Colleges_PA            | Institutional Partnerships, UC/CSU/CCC - SCE Costs           | New    | SCE |
| 299   | SCE_SW_IP_Gov                    | Institutional Partnerships: DGS & DoC                        | Active | SCE |
| 300   | SCE_SW_IP_Gov_PA                 | Institutional Partnerships: DGS & DoC - SCE Costs            | Active | SCE |
| 301   | SCE_SW_MCWH                      | Midstream Comm Water Heating                                 | Active | SCE |
| 302   | SCE_SW_MCWH_PA                   | Midstream Comm Water Heating - SCE Costs                     | Active | SCE |
| 303   | SCE_SW_NC_NonRes_Ag_electric     | SW New Construction NonRes Ag - All Electric                 | Active | SCE |
| 304   | SCE_SW_NC_NonRes_Ag_electric_PA  | SW New Construction NonRes Ag - All Electric - SCE Costs     | Active | SCE |
| 305   | SCE_SW_NC_NonRes_Ag_mixed        | SW New Construction NonRes Ag - Mixed Fuel                   | Active | SCE |
| 306   | SCE_SW_NC_NonRes_Ag_mixed_PA     | SW New Construction NonRes Ag - Mixed Fuel - SCE Costs       | Active | SCE |
| 307   | SCE_SW_NC_NonRes_Com_electric    | SW New Construction NonRes Com - All Electric                | Active | SCE |
| 308   | SCE_SW_NC_NonRes_Com_electric_PA | SW New Construction NonRes Com - All Electric - SCE Costs    | Active | SCE |
| 309   | SCE_SW_NC_NonRes_Com_mixed       | SW New Construction NonRes Com - Mixed Fuel                  | Active | SCE |
| 310   | SCE_SW_NC_NonRes_Com_mixed_PA    | SW New Construction NonRes Com - Mixed Fuel - SCE Costs      | Active | SCE |
| 311   | SCE_SW_NC_NonRes_Ind_electric    | SW New Construction NonRes Ind - All Electric                | Active | SCE |
| 312   | SCE_SW_NC_NonRes_Ind_electric_PA | SW New Construction NonRes Ind - All Electric - SCE Costs    | Active | SCE |
| 313   | SCE_SW_NC_NonRes_Ind_mixed       | SW New Construction NonRes Ind - Mixed Fuel                  | Active | SCE |
| 314   | SCE_SW_NC_NonRes_Ind_mixed_PA    | SW New Construction NonRes Ind - Mixed Fuel - SCE Costs      | Active | SCE |
| 315   | SCE_SW_NC_NonRes_Pub_electric    | SW New Construction NonRes Public - All Electric             | Active | SCE |
| 316   | SCE_SW_NC_NonRes_Pub_electric_PA | SW New Construction NonRes Public - All Electric - SCE Costs | Active | SCE |
| 317   | SCE_SW_NC_NonRes_Pub_mixed       | SW New Construction NonRes Public - Mixed Fuel               | Active | SCE |
| 318   | SCE_SW_NC_NonRes_Pub_mixed_PA    | SW New Construction NonRes Public - Mixed Fuel - SCE Costs   | Active | SCE |

| Index | Program                          | Program Name  | Status | PA  |
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| 319   | SCE_SW_NC_NonRes_Res_electric    | SW New Construction NonRes Res - All Electric             | Active | SCE |
| 320   | SCE_SW_NC_NonRes_Res_electric_PA | SW New Construction NonRes Res - All Electric - SCE Costs | Active | SCE |
| 321   | SCE_SW_NC_NonRes_Res_mixed       | SW New Construction NonRes Res - Mixed Fuel               | Active | SCE |
| 322   | SCE_SW_NC_NonRes_Res_mixed_PA    | SW New Construction NonRes Res - Mixed Fuel - SCE Costs   | Active | SCE |
| 323   | SCE_SW_NC_Res_electric           | SW New Construction Res - All Electric                    | Active | SCE |
| 324   | SCE_SW_NC_Res_electric_PA        | SW New Construction Res - All Electric - SCE Costs        | Active | SCE |
| 325   | SCE_SW_NC_Res_mixed_PA           | SW New Construction Res - Mixed Fuel - SCE Costs          | Active | SCE |
| 326   | SCE_SW_PLA                       | Plug Load and Appliance                                   | Active | SCE |
| 327   | SCE_SW_PLA_PA                    | Plug Load and Appliance - SCE Costs                       | New    | SCE |
| 328   | SCE_SW_UL_PA                     | Lighting (Upstream) - SCE Costs                           | Active | SCE |
| 329   | SCE_SW_WET_CC                    | WET Career Connections                                    | Active | SCE |
| 330   | SCE_SW_WET_CC_PA                 | WET Career Connections - SCE Costs                        | Active | SCE |
| 331   | SCE_SW_WET_Work                  | WE&T Career and Workforce Readiness                       | Active | SCE |
| 332   | SCE_SW_WET_Work_PA               | WE&T Career and Workforce Readiness - SCE Costs           | Active | SCE |
| 333   | SCE_SW_WP                        | Water/wastewater Pumping                                  | Active | SCE |
| 334   | SCE_SW_WP_PA                     | Water/wastewater Pumping - SCE Costs                      | New    | SCE |
| 335   | SCG3701                          | RES-Residential Energy Advisor                            | Active | SCG |
| 336   | SCG3702                          | RES-Residential Energy Efficiency Program                 | Active | SCG |
| 337   | SCG3705                          | RES-Multifamily Whole Building Program (Equity)           | Active | SCG |
| 338   | SCG3708                          | COM-Energy Advisor  | Active | SCG |
| 339   | SCG3711                          | COM-Deemed Incentives                                     | Active | SCG |
| 340   | SCG3714                          | IND-Strategic Energy Management                           | Active | SCG |
| 341   | SCG3721                          | ET-Technology Development Support                         | Active | SCG |
| 342   | SCG3722                          | ET-Technology Assessment Support                          | Active | SCG |
| 343   | SCG3723                          | ET-Technology Introduction Support                        | Active | SCG |
| 344   | SCG3729                          | WET&O-Integrated Energy Efficiency Training               | Active | SCG |
| 345   | SCG3733                          | SW-ME&O-ME&O  | Active | SCG |

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| 346   | SCG3735 | FIN-On-Bill Financing  | Active        | SCG |
| 347   | SCG3737 | FIN-SW-New Financing Offerings                                       | Active        | SCG |
| 348   | SCG3757 | IND-Small Industrial Facility Upgrades                               | Active        | SCG |
| 349   | SCG3760 | WET&O-HERS Rater Training Advancement                                | Active        | SCG |
| 350   | SCG3764 | WET&O-Educational Outreach Program                                   | Active        | SCG |
| 351   | SCG3771 | SOL-IDEEA365 Solicitations   | Active        | SCG |
| 352   | SCG3772 | EM&V-Evaluation Measurement & Verification                           | Active        | SCG |
| 353   | SCG3803 | FIN-SW-California Hub for EE Financing                               | Active        | SCG |
| 354   | SCG3823 | RES-HVAC QI/QM   | Transitioning | SCG |
| 355   | SCG3824 | RES-Residential Behavioral Program                                   | Active        | SCG |
| 356   | SCG3829 | RES-Marketplace  | Active        | SCG |
| 357   | SCG3830 | Retail Channel Support   | Active        | SCG |
| 358   | SCG3831 | RES-EE Kit Delivery Program  | Active        | SCG |
| 359   | SCG3832 | RES-Pasadena Water & Power Home Upgrade Program                      | Active        | SCG |
| 360   | SCG3833 | RES-Burbank Water & Power Home Upgrade Program                       | Active        | SCG |
| 361   | SCG3834 | COM-LADWP Direct Install   | Active        | SCG |
| 362   | SCG3837 | PUB-SW-Energy Atlas  | Active        | SCG |
| 363   | SCG3861 | RES-Community Language Efficiency Outreach Program                   | Active        | SCG |
| 364   | SCG3882 | COM-Small and Medium Commercial EE Program (Resource Acquisition)    | Active        | SCG |
| 365   | SCG3883 | RES-Residential Advanced Clean Energy Program (Resource Acquisition) | Active        | SCG |
| 366   | SCG3884 | RES-Comprehensive Mobile Home Program                                | Active        | SCG |
| 367   | SCG3885 | RES-Residential Mobile Home Program                                  | Active        | SCG |
| 368   | SCG3886 | PUB-Public Direct Install Program                                    | Active        | SCG |
| 369   | SCG3887 | COM-Commercial-BEST (Resource Acquistion)                            | Active        | SCG |
| 370   | SCG3888 | RES-Multifamily Space and Water Heating Controls                     | Active        | SCG |
| 371   | SCG3889 | RES-Multifamily Energy Alliance Program (Resource Acquisition)       | Active        | SCG |

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| 372   | SCG3890 | AG-Agriculture Energy Efficiency Program  | Active | SCG |
| 373   | SCG3891 | COM-Service RCx Large Commercial Program  | Active | SCG |
| 374   | SCG3892 | COM-Large Commercial Energy Efficiency Program                                      | Active | SCG |
| 375   | SCG3898 | COM-Nonresidential Behavioral Program   | New    | SCG |
| 376   | SCG3899 | PUB-Large Public EE Solicitation  | New    | SCG |
| 377   | SCG3901 | WET&O-Energy Program Outreach   | New    | SCG |
| 378   | SCG3909 | CC-Nonresidential Energy Advisor Program  | Active | SCG |
| 379   | SCG3910 | CC-Nonresidential Calculated Incentives   | Active | SCG |
| 380   | SCG3911 | CC-Nonresidential Deemed Incentives   | Active | SCG |
| 381   | SCG3912 | PUB-Regional Energy Pathways  | Active | SCG |
| 382   | SCG3913 | PUB-REN Fiscal Management & Coordination  | Active | SCG |
| 383   | SCG3935 | RES-Residential Advanced Clean Energy Program (Equity)                              | New    | SCG |
| 384   | SCG3936 | RES-Multifamily Energy Alliance Program (Equity)                                    | New    | SCG |
| 385   | SCG3937 | COM-Small and Medium Commercial EE Program (Equity)                                 | New    | SCG |
| 386   | SCG3938 | RES-Multifamily Whole Building Program (Resource Acquisition)                       | New    | SCG |
| 387   | SCG3939 | COM-Strategic Energy Management   | New    | SCG |
| 388   | SCG3940 | COM-Commercial-BEST (Equity)  | New    | SCG |
| 389   | SCG3941 | CC-Sustainability Studio  | New    | SCG |
| 390   | SCG3942 | IND-Industrial Savings, Training, Assistance, and Rebates (Industrial STAR) Program | Active | SCG |
| 391   | SCG3943 | IND-Industrial Energy Partners (IEP) Program  | New    | SCG |
| 392   | SCG3944 | IND-Refinery Gas Energy Efficiency (RGEEP) Program                                  | New    | SCG |
| 393   | SCG3945 | IND-Innovations to Industrials (i2i) SEM  | New    | SCG |
| 394   | SCG3948 | Summer Reliability Program  | New    | SCG |
| 395   | SCG3956 | K-12 Public Schools Program (K12PSP)  | New    | SCG |
| 396   | SCG3957 | COM-IDEEA365  | New    | SCG |
| 397   | SCG3958 | Res Energy Efficiency Program Equity  | New    | SCG |

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| 398   | SCG3960                     | Res-IDEEA365                                    | New    | SCG |
| 399   | SCG3961                     | COM-Pool Heating Energy Efficiency Program      | New    | SCG |
| 400   | SCG3962                     | IDSM  | New    | SCG |
| 401   | SCG_CS_PortfolioSupport     | Codes & Standards Portfolio Support PA Costs    | Active | SCG |
| 402   | SCG_Equity_PortfolioSupport | Equity Portfolio Support PA Costs               | Active | SCG |
| 403   | SCG-ESAP                    | Energy Savings Assistance Program               | Active | SCG |
| 404   | SCG-GRCL                    | GRC Labor Loaders                               | Active | SCG |
| 405   | SCG_MS_PortfolioSupport     | Market Support Portfolio Support PA Costs       | Active | SCG |
| 406   | SCG_Portfolio_Oversight     | ED Portfolio Oversight                          | Active | SCG |
| 407   | SCG_RA_PortfolioSupport     | Resource Acquisition Portfolio Support PA Costs | Active | SCG |
| 408   | SCG_SW_CSA_Appl             | C&S-SW-Appliance Standards Advocacy             | Active | SCG |
| 409   | SCG_SW_CSA_Appl_PA          | C&S-SW-Appliance Standards Advocacy-PA          | Active | SCG |
| 410   | SCG_SW_CSA_Bldg             | C&S-SW-Building Codes Advocacy                  | Active | SCG |
| 411   | SCG_SW_CSA_Bldg_PA          | C&S-SW-Building Codes Advocacy-PA               | Active | SCG |
| 412   | SCG_SW_CSA_Natl             | C&S-SW-Federal Codes Advocacy                   | Active | SCG |
| 413   | SCG_SW_CSA_Natl_PA          | C&S-SW-Federal Codes Advocacy-PA                | Active | SCG |
| 414   | SCG_SW_ETP_Gas              | ET-SW-Emerging Technologies, Gas                | Active | SCG |
| 415   | SCG_SW_ETP_Gas_PA           | ET-SW-Emerging Technologies, Gas-PA             | Active | SCG |
| 416   | SCG_SW_FS                   | COM-SW-Point of Sale Food Service               | Active | SCG |
| 417   | SCG_SW_FS_PA                | COM-SW-Point of Sale Food Service-PA            | Active | SCG |
| 418   | SCG_SW_HVAC_QIQM            | RES-SW-HVAC QI/QM Program                       | New    | SCG |
| 419   | SCG_SW_HVAC_QIQM_PA         | RES-SW-HVAC QI/QM Program-PA                    | New    | SCG |
| 420   | SCG_SW_HVAC_Up_Com          | COM-SW-HVAC Upstream Commercial                 | New    | SCG |
| 421   | SCG_SW_HVAC_Up_Com_PA       | COM-SW-HVAC Upstream Commercial-PA              | New    | SCG |
| 422   | SCG_SW_HVAC_Up_Res          | RES-SW-HVAC Upstream Residential                | New    | SCG |
| 423   | SCG_SW_HVAC_Up_Res_PA       | RES-SW-HVAC Upstream Residential-PA             | New    | SCG |
| 424   | SCG_SW_IP_Colleges          | PUB-SW-Institutional Partnership-Colleges       | New    | SCG |

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| 425   | SCG_SW_IP_Colleges_PA         | PUB-SW-Institutional Partnership-Colleges-PA         | New    | SCG |
| 426   | SCG_SW_IP_Gov                 | PUB-SW-Institutional Partnership-Government          | Active | SCG |
| 427   | SCG_SW_IP_Gov_PA              | PUB-SW-Institutional Partnership-Government-PA       | Active | SCG |
| 428   | SCG_SW_MCWH                   | COM-SW-Midstream Commercial Water Heating            | Active | SCG |
| 429   | SCG_SW_MCWH_PA                | COM-SW-Midstream Commercial Water Heating-PA         | Active | SCG |
| 430   | SCG_SW_NC_NonRes_Ag_mixed     | AG-SW-New Construction-Nonresidential-Mixed Fuel     | Active | SCG |
| 431   | SCG_SW_NC_NonRes_Ag_mixed_PA  | AG-SW-New Construction-Nonresidential-Mixed Fuel-PA  | Active | SCG |
| 432   | SCG_SW_NC_NonRes_Com_mixed    | COM-SW-New Construction-Nonresidential-Mixed Fuel    | Active | SCG |
| 433   | SCG_SW_NC_NonRes_Com_mixed_PA | COM-SW-New Construction-Nonresidential-Mixed Fuel-PA | Active | SCG |
| 434   | SCG_SW_NC_NonRes_Ind_mixed    | IND-SW-New Construction-Nonresidential-Mixed Fuel    | Active | SCG |
| 435   | SCG_SW_NC_NonRes_Ind_mixed_PA | IND-SW-New Construction-Nonresidential-Mixed Fuel-PA | Active | SCG |
| 436   | SCG_SW_NC_NonRes_Pub_mixed    | PUB-SW-New Construction-Nonresidential-Mixed Fuel    | Active | SCG |
| 437   | SCG_SW_NC_NonRes_Pub_mixed_PA | PUB-SW-New Construction-Nonresidential-Mixed Fuel-PA | Active | SCG |
| 438   | SCG_SW_NC_NonRes_Res_mixed    | RES-SW-New Construction-Nonresidential-Mixed Fuel    | Active | SCG |
| 439   | SCG_SW_NC_NonRes_Res_mixed_PA | RES-SW-New Construction-Nonresidential-Mixed Fuel-PA | Active | SCG |
| 440   | SCG_SW_PLA                    | RES-SW-Plug Load and Appliances                      | New    | SCG |
| 441   | SCG_SW_PLA_PA                 | RES-SW-Plug Load and Appliances-PA                   | New    | SCG |
| 442   | SCG_SW_WET_CC                 | WET&O-SW-WE&T Career Connections                     | Active | SCG |
| 443   | SCG_SW_WET_CC_PA              | WET&O-SW-WE&T Career Connections-PA                  | Active | SCG |
| 444   | SCG_SW_WET_Work               | WET&O-SW-WE&T Career and Workforce Readiness         | Active | SCG |
| 445   | SCG_SW_WET_Work_PA            | WET&O-SW-WE&T Career and Workforce Readiness-PA      | Active | SCG |
| 446   | SCG_SW_WP                     | PUB-SW-Water/Wastewater Pumping                      | New    | SCG |
| 447   | SCG_SW_WP_PA                  | PUB-SW-Water/Wastewater Pumping-PA                   | New    | SCG |
| 448   | SCP01                         | SCP FLEXmarket                                       | New    | SCP |
| 449   | SCR-AGR-G1                    | Agriculture Project Delivery Program                 | New    | SCR |
| 450   | SCR-AGR-G2                    | Rural-HTR Agricultural DI                            | New    | SCR |
| 451   | SCR-AGR-G3                    | Agriculture Retrofit                                 | New    | SCR |

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| 452   | SCR-CBDC-01             | SoCalREN Community Based Design Collaborative                 | New    | SCR |
| 453   | SCR-COM-E2              | California Green Business Network                             | New    | SCR |
| 454   | SCR-COM-E3              | Food Desert Energy Efficiency Equity Program                  | New    | SCR |
| 455   | SCR-COM-E4              | Small & Medium Business Energy Advisory (SMBEA)               | New    | SCR |
| 456   | SCR-COM-E5              | Small Commercial Direct Install Program                       | New    | SCR |
| 457   | SCR_CS_PortfolioSupport | Codes & Standards Portfolio Support PA Costs                  | New    | SCR |
| 458   | SCR-CST-F1              | Codes and Standards Compliance Enhancement Program            | New    | SCR |
| 459   | SCR-EMV-01              | SoCalREN EM&V   | Active | SCR |
| 460   | SCR_EQ_PortfolioSupport | Equity Portfolio Support PA Costs                             | New    | SCR |
| 461   | SCR-FIN-C1              | Public Agency Revolving Loan Fund                             | Active | SCR |
| 462   | SCR-FIN-C3              | Rural-HTR Agriculture Finance Assistance Program              | New    | SCR |
| 463   | SCR_MS_PortfolioSupport | Market Support Portfolio Support PA Costs                     | New    | SCR |
| 464   | SCR-PUBL-B1             | Energy Efficiency Project Delivery Program                    | Active | SCR |
| 465   | SCR-PUBL-B10            | Water Infrastructure Program                                  | New    | SCR |
| 466   | SCR-PUBL-B2             | Distributed Energy Resource Disadvantaged Communities Program | Active | SCR |
| 467   | SCR-PUBL-B3             | Public Agency NMEC Program                                    | Active | SCR |
| 468   | SCR-PUBL-B4             | Streamlined Savings Program                                   | Active | SCR |
| 469   | SCR-PUBL-B5             | Rural-HTR Public Agency Direct Install                        | New    | SCR |
| 470   | SCR-PUBL-B6             | Energy Resiliency Action Plan                                 | New    | SCR |
| 471   | SCR-PUBL-B7             | Regional Partner Initiatives                                  | New    | SCR |
| 472   | SCR-PUBL-B8             | Water & Wastewater Strategic Energy Management                | New    | SCR |
| 473   | SCR-PUBL-B9             | Underserved Schools Strategic Energy Management               | New    | SCR |
| 474   | SCR_RA_PortfolioSupport | Resource Acquisition Portfolio Support PA Costs               | New    | SCR |
| 475   | SCR-RES-A1              | Multifamily Program   | Active | SCR |
| 476   | SCR-RES-A4              | Residential Kits4Kids   | Active | SCR |
| 477   | SCR-RES-A5              | Small HTR Multifamily Direct Install                          | New    | SCR |
| 478   | SCR-WET-D1              | Workforce Education & Training Program                        | Active | SCR |

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| 479   | SCR-WET-D2 | ACES Pathway                                       | New    | SCR  |
| 480   | SCR-WET-D3 | Green Path Careers                                 | New    | SCR  |
| 481   | SCR-WET-D4 | WE&T Opportunity HUB                               | New    | SCR  |
| 482   | SCR-WET-D5 | Agriculture WE&T                                   | New    | SCR  |
| 483   | SCR-WET-D6 | E-Contractor Academy                               | New    | SCR  |
| 484   | SDGE3226   | SW-COM Direct Install                              | Active | SDGE |
| 485   | SDGE3251   | SW C&S - Compliance Enhancement                    | Active | SDGE |
| 486   | SDGE3252   | SW C&S - Reach Codes                               | Active | SDGE |
| 487   | SDGE3253   | SW C&S - Planning Coordination                     | Active | SDGE |
| 488   | SDGE3262   | SW-FIN-On-Bill Finance                             | Active | SDGE |
| 489   | SDGE3264   | SW-FIN-New Finance Offerings                       | Active | SDGE |
| 490   | SDGE3280   | 3P-IDEEA   | Active | SDGE |
| 491   | SDGE3281   | EM&V-Evaluation Measurement & Verification         | Active | SDGE |
| 492   | SDGE3308   | Finance Pilot ME&O OBR                             | Active | SDGE |
| 493   | SDGE3312   | Finance IT OBR                                     | Active | SDGE |
| 494   | SDGE3325   | SW-FIN-Finance Pilots Credit Enhancement           | Active | SDGE |
| 495   | SDGE4001   | Single Family Program                              | Active | SDGE |
| 496   | SDGE4002   | Multi Family Program                               | Active | SDGE |
| 497   | SDGE4004   | Commercial Large Customer Services (>20KW) Program | Active | SDGE |
| 498   | SDGE4006   | Industrial Sector Program                          | Active | SDGE |
| 499   | SDGE4009   | Agricultural Growers Services Program              | Active | SDGE |
| 500   | SDGE4010   | Local Government Customers Program                 | Active | SDGE |
| 501   | SDGE4011   | K-12 Customer Services Program                     | Active | SDGE |
| 502   | SDGE4012   | Federal Customer Services Program                  | Active | SDGE |
| 503   | SDGE4040   | IDSM Local Residential Behavioral Program (EE)     | Active | SDGE |
| 504   | SDGE4052   | IDSM Commercial ME&O - DR                          | Active | SDGE |
| 505   | SDGE4056   | IDSM Commercial - DR                               | Active | SDGE |

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| 506   | SDGE4057                     | IDSM Behavioral - DR  | Active | SDGE |
| 507   | SDGE4058                     | IDSM Non Res Audits - DR  | Active | SDGE |
| 508   | SDGE4168                     | Lodging (Hotels/Motels)   | New    | SDGE |
| 509   | SDGE4169                     | Groceries, Restaurants and Food Storage                             | New    | SDGE |
| 510   | SDGE4170                     | Wholesale/Retail/Office, including Entertainment Services           | New    | SDGE |
| 511   | SDGE4171                     | Private Institutions/Healthcare                                     | New    | SDGE |
| 512   | SDGE4173                     | Small Business Outreach   | Active | SDGE |
| 513   | SDGE4174                     | Workforce, Education & Training Programs                            | Active | SDGE |
| 514   | SDGE4175                     | Local Residential Fuel-Substitution                                 | New    | SDGE |
| 515   | SDGE4176                     | Residential Equity Program  | New    | SDGE |
| 516   | SDGE4184                     | Non-Residential Behavioral Program                                  | New    | SDGE |
| 517   | SDGE4197                     | Market Access Program - Residential                                 | New    | SDGE |
| 518   | SDGE4198                     | Market Access Program - Commercial                                  | New    | SDGE |
| 519   | SDGE_CS_PortfolioSupport     | Codes & Standards Portfolio Support PA Costs                        | Active | SDGE |
| 520   | SDGE_Equity_PortfolioSupport | Equity Portfolio Support PA Costs                                   | Active | SDGE |
| 521   | SDGE-ESAP                    | Energy Savings Assistance Program (ESA)                             | Active | SDGE |
| 522   | SDGE-ESPI                    | ESPI  | Active | SDGE |
| 523   | SDGE-GRCL                    | GRC Labor Loaders   | Active | SDGE |
| 524   | SDGE_MS_PortfolioSupport     | Market Support Portfolio Support PA Costs                           | Active | SDGE |
| 525   | SDGE_Portfolio_Oversight     | ED Portfolio Oversight  | Active | SDGE |
| 526   | SDGE_RA_PortfolioSupport     | Resource Acquisition Portfolio Support PA Costs                     | Active | SDGE |
| 527   | SDGE_SW_CSA_Appl             | SW Codes & Standards Advocacy - State Appliance Standards           | Active | SDGE |
| 528   | SDGE_SW_CSA_Appl_PA          | SW Codes & Standards Advocacy - State Appliance Standards (Utility) | Active | SDGE |
| 529   | SDGE_SW_CSA_Bldg             | SW Codes & Standards Advocacy - State Building Codes                | Active | SDGE |
| 530   | SDGE_SW_CSA_Bldg_PA          | SW Codes & Standards Advocacy - State Building Codes (Utility)      | Active | SDGE |
| 531   | SDGE_SW_CSA_Natl             | SW Codes & Standards Advocacy - National Codes & Standards Advocacy | Active | SDGE |

| Index | Program                          | Program Name  | Status | PA   |
|-------|----------------------------------|---|--------|------|
| 532   | SDGE_SW_CSA_Natl_PA              | SW Codes & Standards Advocacy - National Codes & Standards Advocacy (Utility) | Active | SDGE |
| 533   | SDGE_SW_ETP_Elec                 | SW Emerging Technologies - Electric   | New    | SDGE |
| 534   | SDGE_SW_ETP_Elec_PA              | SW Emerging Technologies - Electric (Utility)                                 | New    | SDGE |
| 535   | SDGE_SW_ETP_Gas                  | SW Emerging Technologies - Gas  | Active | SDGE |
| 536   | SDGE_SW_ETP_Gas_PA               | SW Emerging Technologies - Gas (Utility)                                      | Active | SDGE |
| 537   | SDGE_SW_FS                       | SW Foodservice Point of Sale Program  | Active | SDGE |
| 538   | SDGE_SW_FS_PA                    | SW Foodservice Point of Sale Program (Utility)                                | Active | SDGE |
| 539   | SDGE_SW_HESC_PA                  | SW Home Energy Score California (Utility)                                     | New    | SDGE |
| 540   | SDGE_SW_HVAC_QIQM                | SW HVAC QI/QM Program   | Active | SDGE |
| 541   | SDGE_SW_HVAC_QIQM_PA             | SW HVAC QI/QM Program (Utility)   | Active | SDGE |
| 542   | SDGE_SW_HVAC_Up_Com              | SW HVAC Upstream Commercial   | Active | SDGE |
| 543   | SDGE_SW_HVAC_Up_Com_PA           | SW HVAC Upstream Commercial (Utility)   | Active | SDGE |
| 544   | SDGE_SW_HVAC_Up_PA               | SW HVAC Upstream Program (Utility)  | Active | SDGE |
| 545   | SDGE_SW_HVAC_Up_Res              | SW HVAC Upstream Residential  | Active | SDGE |
| 546   | SDGE_SW_HVAC_Up_Res_PA           | SW HVAC Upstream Residential (Utility)  | Active | SDGE |
| 547   | SDGE_SW_IP_Colleges              | SW Higher Education   | New    | SDGE |
| 548   | SDGE_SW_IP_Colleges_PA           | SW Higher Education (Utility)   | New    | SDGE |
| 549   | SDGE_SW_IP_Gov                   | SW Institutional Partnerships: DGS & DoC                                      | Active | SDGE |
| 550   | SDGE_SW_IP_Gov_PA                | SW Institutional Partnerships: DGS & DoC (Utility)                            | Active | SDGE |
| 551   | SDGE_SW_MCWH                     | SW Midstream Commercial Water Heating   | Active | SDGE |
| 552   | SDGE_SW_MCWH_PA                  | SW Midstream Commercial Water Heating (Utility)                               | Active | SDGE |
| 553   | SDGE_SW_NC_NonRes_Ag_electric    | SW New Construction Non Residential - Agricultural - All Electric             | Active | SDGE |
| 554   | SDGE_SW_NC_NonRes_Ag_electric_PA | SW New Construction Non Residential - Agricultural - All Electric (Utility)   | Active | SDGE |
| 555   | SDGE_SW_NC_NonRes_Ag_mixed       | SW New Construction Non Residential - Agricultural - Mixed Fuel               | Active | SDGE |
| 556   | SDGE_SW_NC_NonRes_Ag_mixed_PA    | SW New Construction Non Residential - Agricultural - Mixed Fuel (Utility)     | Active | SDGE |

| Index | Program                           | Program Name  | Status | PA   |
|-------|-----------------------------------|---|--------|------|
| 557   | SDGE_SW_NC_NonRes_Com_electric    | SW New Construction Non Residential - Commercial - All Electric           | Active | SDGE |
| 558   | SDGE_SW_NC_NonRes_Com_electric_PA | SW New Construction Non Residential - Commercial - All Electric (Utility) | Active | SDGE |
| 559   | SDGE_SW_NC_NonRes_Com_mixed       | SW New Construction Non Residential - Commercial - Mixed Fuel             | Active | SDGE |
| 560   | SDGE_SW_NC_NonRes_Com_mixed_PA    | SW New Construction Non Residential - Commercial - Mixed Fuel (Utility)   | Active | SDGE |
| 561   | SDGE_SW_NC_NonRes_Ind_electric    | SW New Construction Non Residential - Industrial - All Electric           | Active | SDGE |
| 562   | SDGE_SW_NC_NonRes_Ind_electric_PA | SW New Construction Non Residential - Industrial - All Electric (Utility) | Active | SDGE |
| 563   | SDGE_SW_NC_NonRes_Ind_mixed       | SW New Construction Non Residential - Industrial - Mixed Fuel             | Active | SDGE |
| 564   | SDGE_SW_NC_NonRes_Ind_mixed_PA    | SW New Construction Non Residential - Industrial - Mixed Fuel (Utility)   | Active | SDGE |
| 565   | SDGE_SW_NC_NonRes_Pub_electric    | SW New Construction Non Residential - Public - All Electric               | Active | SDGE |
| 566   | SDGE_SW_NC_NonRes_Pub_electric_PA | SW New Construction Non Residential - Public - All Electric (Utility)     | Active | SDGE |
| 567   | SDGE_SW_NC_NonRes_Pub_mixed       | SW New Construction Non Residential - Public - Mixed Fuel                 | Active | SDGE |
| 568   | SDGE_SW_NC_NonRes_Pub_mixed_PA    | SW New Construction Non Residential - Public - Mixed Fuel (Utility)       | Active | SDGE |
| 569   | SDGE_SW_NC_NonRes_Res_electric    | SW New Construction NonResidential - Residential - All Electric           | Active | SDGE |
| 570   | SDGE_SW_NC_NonRes_Res_electric_PA | SW New Construction NonResidential - Residential - All Electric (Utility) | Active | SDGE |
| 571   | SDGE_SW_NC_NonRes_Res_mixed       | SW New Construction NonResidential - Residential - Mixed Fuel             | Active | SDGE |
| 572   | SDGE_SW_NC_NonRes_Res_mixed_PA    | SW New Construction NonResidential - Residential - Mixed Fuel (Utility)   | Active | SDGE |
| 573   | SDGE_SW_NC_Res_electric           | SW New Construction Residential - All Electric                            | Active | SDGE |
| 574   | SDGE_SW_NC_Res_electric_PA        | SW New Construction Residential - All Electric (Utility)                  | Active | SDGE |
| 575   | SDGE_SW_PLA                       | SW Plug Load and Appliances   | New    | SDGE |
| 576   | SDGE_SW_PLA_PA                    | SW Plug Load and Appliances (Utility)                                     | New    | SDGE |
| 577   | SDGE_SW_UL_PA                     | SW Lighting Program (Utility)   | Active | SDGE |
| 578   | SDGE_SW_WET_CC                    | SW WET Career Connections   | Active | SDGE |
| 579   | SDGE_SW_WET_CC_PA                 | SW WET Career Connections (Utility)                                       | Active | SDGE |
| 580   | SDGE_SW_WET_Work                  | SW WE&T Career & Workforce Readiness (CWR)                                | Active | SDGE |

| Index | Program                     | Program Name   | Status | PA   |
|-------|-----------------------------|--|--------|------|
| 581   | SDGE_SW_WET_Work_PA         | SW WE&T Career & Workforce Readiness (CWR) (Utility)     | Active | SDGE |
| 582   | SDGE_SW_WP                  | SW Downstream Water/Wastewater Pumping Program           | Active | SDGE |
| 583   | SDGE_SW_WP_PA               | SW Downstream Water/Wastewater Pumping Program (Utility) | Active | SDGE |
| 584   | SJCE01                      | Non-Residential  | New    | SJCE |
| 585   | SJCE02                      | Residential  | New    | SJCE |
| 586   | TCR-Ag-001                  | Agriculture Technical Assistance                         | New    | TCR  |
| 587   | TCR-CC-001                  | Energy Assurance Services (EAS)                          | New    | TCR  |
| 588   | TCR-Com-001                 | Commercial Marketplace                                   | New    | TCR  |
| 589   | TCR-CS-001                  | Codes & Standards  | Active | TCR  |
| 590   | TCR-CS-PortfolioSupport     | Portfolio Admin - CS                                     | New    | TCR  |
| 591   | TCR-EMV-001                 | TCR EM&V   | Active | TCR  |
| 592   | TCR-Equity-PortfolioSupport | Portfolio Admin - Equity                                 | New    | TCR  |
| 593   | TCR-IDSM-CS-003             | IDSM - Codes & Standards                                 | New    | TCR  |
| 594   | TCR-IDSM-Equity-001         | IDSM - Equity  | New    | TCR  |
| 595   | TCR-IDSM-MarketSupport-002  | IDSM - Market Support                                    | New    | TCR  |
| 596   | TCR-MS-PortfolioSupport     | Portfolio Admin - Market Support                         | New    | TCR  |
| 597   | TCR-Res-002                 | Multifamily  | New    | TCR  |
| 598   | TCR-Res-003                 | Single Family NMEC                                       | New    | TCR  |
| 599   | TCR-WET-001                 | Workforce Education & Training                           | Active | TCR  |

# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of Pacific Gas and Electric Company for Compliance Review of Utility Owned Generation Operations, Portfolio Allocation Balancing Account Entries, Energy Resource Recovery Account Entries, Contract Administration, Economic Dispatch of Electric Resources, Utility Owned Generation Fuel Procurement, and Other Activities for the Record Period January 1 through December 31, 2022

Application 23-02-018

U 39 E

## CALIFORNIA COMMUNITY CHOICE ASSOCIATION'S OPENING BRIEF

#### **PUBLIC VERSION**

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Dated: October 4, 2024

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#### SUMMARY OF RECOMMENDATIONS

- The California Public Utilities Commission (Commission) should scrutinize Pacific Gas & Electric Company's (PG&E) assumptions about resource availability and the adjustments PG&E made to its System Resource Adequacy (RA) position in future ERRA Compliance proceedings to ensure any reductions to the excess RA capacity PG&E made available to the market are justified.
- The Commission should find PG&E did not make reasonable attempts to sell its excess RA capacity to other load-serving entities (LSE) before counting that capacity towards its own system reliability incremental procurement targets.
- The Commission should not find that PG&E prudently managed its utility-owned generation (UOG) facilities.
- The Commission should not find PG&E's entries recorded to the Portfolio Allocation Balancing Account (PABA) are reasonable.
- The Commission should revisit PG&E's Bundled Procurement Plan (BPP) in the Integrated Resource Plan (IRP) proceeding to ensure that PG&E is making its excess RA available to the market in a timely and comprehensive manner, including through scheduled solicitations and market offers outside the scheduled solicitation process.

# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of Pacific Gas and Electric Company for Compliance Review of Utility Owned Generation Operations, Portfolio Allocation Balancing Account Entries, Energy Resource Recovery Account Entries, Contract Administration, Economic Dispatch of Electric Resources, Utility Owned Generation Fuel Procurement, and Other Activities for the Record Period January 1 through December 31, 2022

Application 23-02-018

U 39 E

## CALIFORNIA COMMUNITY CHOICE ASSOCIATION'S OPENING BRIEF

The California Community Choice Association<sup>1</sup> (CalCCA) submits this Opening Brief regarding the *Application of Pacific Gas and Electric Company (U 39 E) for Compliance Review of Utility Owned Generation Operations, Portfolio Allocation Balancing Account Entries, Energy Resource Recovery Account Entries, Contract Administration, Economic Dispatch of Electric Resources, Utility Owned Generation Fuel Procurement, and Other Activities for the Record Period January 1 Through December 31, 2022* (Application) pursuant to Rule 13.12 of the Rules of Practice and Procedure of the California Public Utilities Commission and the Administrative Law Judge's (ALJ) September 3, 2024 Ruling Setting the Proceeding Schedule.<sup>2</sup>

ERRA Compliance proceedings involve a backward-looking review of the investor-owned

California Community Choice Association represents the interests of 24 community choice electricity providers in California: Apple Valley Choice Energy, Ava Community Energy, Central Coast Community Energy, Clean Energy Alliance, Clean Power Alliance of Southern California, CleanPowerSF, Desert Community Energy, Energy For Palmdale's Independent Choice, Lancaster Energy, Marin Clean Energy, Orange County Power Authority, Peninsula Clean Energy, Pico Rivera Innovative Municipal Energy, Pioneer Community Energy, Pomona Choice Energy, Rancho Mirage Energy Authority, Redwood Coast Energy Authority, San Diego Community Power, San Jacinto Power, San José Clean Energy, Santa Barbara Clean Energy, Silicon Valley Clean Energy, Sonoma Clean Power, and Valley Clean Energy.

Administrative Law Judge's Ruling Setting the Proceeding Schedule (Sept. 3, 2024), available at: https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M539/K203/539203270.PDF.

utility's (IOU) activities and accounting entries. In particular, these proceedings require the Commission to scrutinize the IOU's activities and entries during the record year and determine whether the IOU met its burden and complied with applicable Commission decisions. The instant proceeding involves an examination of PG&E's 2022 activities and entries. Those activities include PG&E's System Resource Adequacy (RA) sales, its attempts to sell RA, and its failure to timely sell excess RA to other LSEs during the summer of 2022—resulting in PG&E counting nearly a gigawatt of excess RA towards its own incremental system reliability procurement targets during the summer of 2022. The Commission has not examined, and will not examine, those specific activities or their associated impacts on PG&E's accounting entries in any other proceeding.

CalCCA scrutinized PG&E's efforts to sell excess RA during 2022 because PG&E's efforts bear directly on the Power Charge Indifference Adjustment (PCIA) rates that both community choice aggregator (CCA) customers and bundled customers pay. RA sales proceeds are credited to all PCIA ratepayers. If PG&E makes inadequate efforts to sell RA, both CCA customers (customers of CalCCA's members) and bundled customers pay higher PCIA rates than they should pay, because PG&E would credit the PCIA with a lower quantity of sold RA. Moreover, PG&E's RA sales activities impact all LSEs (including CCAs), who must procure RA to meet their own RA program obligations. That is why examining PG&E's efforts to sell RA is a key part of the ERRA review of PG&E's portfolio management.

<sup>3</sup> Consistent with Appendix S,

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<sup>&</sup>lt;sup>3</sup> CalCCA-03C at 12-13.

Yet, PG&E ultimately identified—and counted towards its incremental system reliability procurement targets—nearly a gigawatt (923 MW) of excess RA capacity during the summer of 2022.<sup>7</sup> While Decisions 21-03-056 and 21-12-015 (Summer Reliability decisions) permit PG&E to count excess RA capacity towards system reliability incremental procurement targets by transferring that capacity from the Portfolio Allocation Balancing Account (PABA) to the Cost Allocation Mechanism (CAM), PG&E may only do so after making "reasonable attempts" to sell that capacity to other LSEs.

PG&E's RA sales activities during the 2022 record period raise two distinct but related concerns. First, PG&E has not adequately explained the glaring disconnect between and the hundreds of megawatts of RA capacity it identified mere months later. Second, the record demonstrates PG&E did not make reasonable attempts to sell its excess RA capacity to other LSEs using after identifying that capacity and before transferring that capacity to CAM.

In light of those failures, the Commission should not find that PG&E prudently managed its utility-owned generation (UOG) facilities (PG&E's requested finding 1). Further, because

<sup>&</sup>lt;sup>4</sup> PG&E Prepared Testimony at 8-7.

<sup>&</sup>lt;sup>5</sup> CalCCA-04C, PG&E confidential response to CalCCA Data Request 3.31a.

<sup>6</sup> *Id.*, PG&E confidential response to CalCCA Data Request 3.31b, c.

PG&E Prepared Testimony at 12-15.

PG&E's transfer of capacity from PABA to CAM impacts PG&E's entries recorded to the PABA, the Commission should not find that PG&E's entries recorded to the PABA are reasonable, appropriate, accurate and in compliance with Commission decisions (PG&E's requested finding 3). In addition, the Commission should scrutinize PG&E's assumptions about resource availability and the adjustments PG&E makes to its RA position in future proceedings to ensure any reductions to the excess RA capacity PG&E makes available to the market are justified. Finally, the Commission should revisit PG&E's BPP in the Integrated Resource Plan (IRP) proceeding to ensure PG&E is making its excess RA available to the market in a timely and comprehensive manner, including through solicitations and market offers outside the scheduled solicitation process.

#### I. BACKGROUND

#### A. PG&E's Efforts to Sell Excess RA Directly Impact PCIA Rates

CCA customers receive generation services from their local CCA and receive transmission, distribution, billing, and other services from PG&E. That means CCA customers in PG&E's service territory pay the same electric distribution, transmission and non-bypassable rates as PG&E's bundled customers. However, CCA customers pay CCA-specific generation rates, which vary and are partially influenced by local mandates to increase electric vehicle use, procure and maintain clean electricity portfolios that in many cases exceed state requirements for renewable generation, and achieve other local goals.<sup>8</sup>

CCA and other unbundled customers are also subject to several non-bypassable charges (NBC), including the PCIA and the CAM. The Commission adopted the PCIA to ensure that when IOU customers depart from bundled service and receive their electricity from a non-IOU provider,

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<sup>8</sup> CalCCA Protest at 4.

such as a CCA, "those customers remain responsible for costs previously incurred on their behalf by the IOUs—but only those costs." 9

The structure of the PCIA has evolved over the years. Prior to 2018, the PCIA rate was set only based on forecasts and not trued-up for unbundled customers—only bundled customers' generation rates were subject to a true-up (via the ERRA). Decision 18-10-019 transformed that ratemaking framework.<sup>10</sup> That decision requires that PG&E true-up its forecasted costs (net of forecasted market revenues or imputed revenues) approved in its ERRA Forecast case with the actual recorded costs (net of actual market revenues or imputed revenues) for PCIA-eligible resources during the same year. 11 It also requires PG&E to true up the revenues it forecasted it would receive from both bundled and departing load customers over the course of the record year with the actual revenues it received.<sup>12</sup> This true-up occurs by comparing the forecasted costs and revenues to the recorded costs and revenues within the PABA on a rolling basis (whereas the trueup of costs to meet bundled customers' energy and ancillary service requirements occurs in the ERRA).<sup>13</sup> The ultimate result of the "rolling true-up"—in both ERRA and PABA—is PG&E recording either an under- or over-collection based on many factors tied to actual market costs, actual market revenues, and actual customer revenues from retail sales. 14 That resulting under- or over-collection is then included in the revenue requirement for the following year's ERRA and PCIA rates (for example, customers in 2023 paid the under- and over-collections that PG&E

<sup>&</sup>lt;sup>9</sup> Decision (D.) 18-10-019 at 3.

PGE-01 at 12-1:15-18.

D.18-10-019, Ordering Paragraphs 7 and 8.

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

<sup>13</sup> *Id.* at Ordering Paragraphs 6, 7 and 8.

See, e.g. PGE-01 at 12-25, Table 12-7 (comparing 2022 actual recorded PABA portfolio costs compared to approved forecast)

recorded over the course of 2022).

Following D.18-10-019, therefore, PG&E's PCIA rates set in the ERRA Forecast proceeding are based not only on the Indifference Amount (the difference in the forecast year between the cost of the IOU's supply portfolio and the market value of the IOU's supply portfolio), 15 but also the year-end balance in the PABA (the rolling true-up component of PCIA rates). 16 The Indifference Amount and the year-end PABA over- or under-collection are added together to form the PABA revenue requirement underlying PCIA rates. The Commission initially determined the level of the 2022 PCIA for PG&E customers in D.22-02-002 based on a forecast of the above-market costs stemming from PG&E's generation portfolio over the course of 2022 and the 2021 year-end balance in the PABA. Similarly, the Commission initially determined the level of the 2023 PCIA in D.22-12-044 based on a forecast of the above-market costs over the course of 2023 and the 2022 year-end balance in the PABA. PG&E's entries to the PABA during 2022—which are a focus of this proceeding—therefore directly impact the PCIA rates CCA customers (and bundled customers) pay. 17

Among the several important factors that impact PG&E's rolling true-up in the PABA is PG&E's sales of excess RA capacity. PG&E sells its excess RA to other LSEs that must also meet RA compliance obligations, just as other IOUs do. The amount of RA capacity PG&E sold to other LSEs during the record period, compared to the amount of RA PG&E forecasted it would sell, drives either an over- or under-collection in the PABA. That is because revenues from PG&E's sales of excess RA are an important offset to the costs recorded to the PABA during the record

15

D.19-10-001 at 10.

*Id.* at Conclusion of Law 21.

<sup>17</sup> CalCCA-01C at 1:11-12.

year, which are recovered from bundled and unbundled customers. Excess RA that is not sold to third parties is classified as Unsold RA and valued at \$0 in the PABA, thereby providing no financial benefit to customers. PG&E's treatment of its excess RA capacity, therefore, directly impacts the PCIA rates CCA customers (and bundled customers) pay. To put a finer point on that dynamic: if PG&E makes inadequate efforts to sell its excess RA, that failure can result in bundled and unbundled customers paying higher PCIA rates than they should be paying. That is why examining PG&E's efforts to sell RA is a key part of the ERRA review of PG&E's portfolio management.

# B. PG&E Counted Nearly a Gigawatt of Excess RA Capacity Towards its Incremental Procurement Targets During the Summer of 2022

During the summer of 2022, PG&E counted nearly a gigawatt of excess RA capacity—capacity in excess of its bundled customers' needs—towards its own incremental procurement requirement, after

.19 Because
PG&E recovers the costs of system reliability incremental procurement through the CAM, PG&E must transfer the value of excess RA capacity provided by existing RA resources from the applicable balancing account to the CAM balancing account (for PG&E, the New System Generation Balancing Account or NSGBA).20 PG&E counted 923 MW of excess RA capacity from PCIA-eligible resources towards its incremental procurement targets during the months of June through October of 2022, and accordingly credited PABA and charged NSGBA for the value of that RA.21 PG&E valued that transfer at the Forecasted 2022 System RA Adder for June through

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D.19-10-001 at Ordering Paragraph 3.e.

<sup>&</sup>lt;sup>19</sup> PGE-01 at 12-15.

<sup>&</sup>lt;sup>20</sup> CalCCA-01C at 3:23-4:1.

<sup>21</sup> *Id.* at 4:2-4.

September, and subsequently trued-up those entries through October and made an adjustment to account for the publishing of the Final System RA Adder.<sup>22</sup> All told, PG&E transferred from PABA to NSGBA over the five months. The table below details that transfer by month:

Table 1: System RA Transfer from PABA to NSGBA<sup>23</sup>

|                                | June   | July   | August | September | October | Total  |
|--------------------------------|--------|--------|--------|-----------|---------|--------|
| RA Transferred to NSGBA (MW)   | 103.70 | 183.14 | 148.97 | 156.70    | 330.00  | 922.51 |
| System RA Transferred to NSGBA |        |        |        |           |         |        |
| \$/kW                          |        |        |        |           |         |        |

The central question in this case, therefore, is whether PG&E made <u>reasonable attempts</u> to sell nearly a gigawatt of excess RA capacity to other LSEs during the summer of 2022 before counting that capacity towards its own incremental procurement targets. CalCCA does not dispute the Commission's Summer Reliability decisions authorize PG&E to use its excess RA capacity towards its incremental procurement obligations. Nor does CalCCA dispute the accuracy of PG&E's accounting entries to PABA or NSGBA for the RA resources it counted. The Commission's Summer Reliability decisions, however, allow PG&E to count its existing RA resources towards its system reliability incremental procurement targets <u>only</u> after PG&E makes reasonable attempts to sell its excess RA capacity to other LSEs.<sup>24</sup> As this brief discusses below,

<sup>22</sup> *Id.* at 4:5-8.

<sup>23</sup> *Id.* at 4:10-11.

R.20-11-003, Order Instituting Rulemaking to Establish Policies, Processes and Rules to Ensure Reliable Electric Service in California in the Event of an Extreme Weather Event in 2021, Phase 2 Decision Directing Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas and Electric Company to take Actions to Prepare for Potential Extreme Weather in the Summers of 2022 and 2023, D.21-12-015 at 183-184 (permitting PG&E to count excess resources in its existing portfolios toward its incremental system reliability procurement targets "provided it has made reasonable attempts to sell this excess capacity to other LSEs"). According to the Summer Reliability decisions, if PG&E has not met its procurement target for June and October, it may "use excess resources in its existing portfolio to meet the minimum contingency targets . . . provided it has made reasonable attempts to sell this excess capacity to other LSEs." D.21-12-015, Phase 2 Decision Directing Pacific Gas and Electric Company,

PG&E did not make reasonable attempts to sell its excess RA capacity during the record period.

#### II. BURDEN OF PROOF AND LEGAL STANDARD

Public Utilities Code Section 451 establishes the foundational standard of review with respect to utility ratesetting:

All charges demanded or received by any public utility, or by any two or more public utilities, for any product or commodity furnished or to be furnished or any service rendered or to be rendered shall be just and reasonable. Every unjust or unreasonable charge demanded or received for such product or commodity or service is unlawful.<sup>25</sup>

The Commission has also adopted specific standards of review for various aspects of the ERRA Compliance application. PG&E incorporates those standards into the findings it requests in its Application, which include:<sup>26</sup>

That PG&E prudently administered and managed its utility-owned generation (UOG)
facilities in compliance with all applicable rules, regulations and Commission decisions,
and;

[...]

3. That the entries PG&E recorded in the Energy Resource Recovery Account (ERRA) and

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Southern California Edison Company and San Diego Gas & Electric Company To Take Actions To Prepare For Potential Extreme Weather In The Summers of 2022 and 2023, Ordering Paragraph 72 (Dec. 6, 2021) (emphasis added); see also D.21-03-056, Decision Directing Pacific Gas and Electric Company, Southern California Edison Company and San Diego Gas & Electric Company To Take Actions to Prepare for Potential Extreme Weather In the Summers of 2021 and 2022, at Ordering Paragraph 79 (Mar. 26, 2021). Additionally, for the months of July, August, and September, PG&E may use its excess resources "to meet or supplement these procurement targets up to the upper end of its contingency procurement target . . . provided it has made reasonable attempts to sell this excess capacity to other LSEs." D.21-12-015, Phase 2 Decision Directing Pacific Gas and Electric Company, Southern California Edison Company and San Diego Gas & Electric Company To Take Actions To Prepare For Potential Extreme Weather In The Summers of 2022 and 2023, Ordering Paragraph 73 (Dec. 6, 2021) (emphasis added); see also D.21-03-056, Decision Directing Pacific Gas and Electric Company, Southern California Edison Company and San Diego Gas & Electric Company To Take Actions to Prepare for Potential Extreme Weather In the Summers of 2021 and 2022, at Ordering Paragraph 80 (Mar. 26, 2021).

Cal. Pub. Util. Code § 451.

Application at 20.

the Portfolio Allocation Balancing Account (PABA) are reasonable, appropriate, accurate and in compliance with Commission decisions.

PG&E bears the burden of proof in ERRA Compliance proceedings as the applicant.<sup>27</sup> That burden of proof includes a burden of production, which in ERRA Compliance proceedings is a "preponderance of the evidence."<sup>28</sup> In this case, PG&E has not met its burden of proof with respect to requested findings 1 and 3. In particular, PG&E has not adequately explained why its RA position shifted by several hundred megawatts between the time it prepared that position in advance of its scheduled solicitations and the time it applied excess RA towards its incremental procurement targets. Nor has PG&E demonstrated it made reasonable attempts to sell its excess RA to other LSEs prior to counting excess RA towards its incremental procurement targets. As a result, PG&E has not shown by a preponderance of the evidence that it prudently administered and managed its RA portfolio, nor that its entries recorded in the PABA—which reflect PG&E's RA sales—are reasonable.

#### III. ARGUMENT

A. PG&E

yet counted nearly a gigawatt of excess RA towards its procurement targets.

Per the requirements of Appendix S to PG&E's BPP, PG&E runs scheduled solicitations to sell RA products from its UOG portfolio. PG&E issued six solicitations offering to sell System RA for delivery during 2022.<sup>29</sup> PG&E held two year-ahead solicitations in August 2021 and October 2021, in which PG&E projected out the available RA for the full twelve months of 2022.<sup>30</sup>

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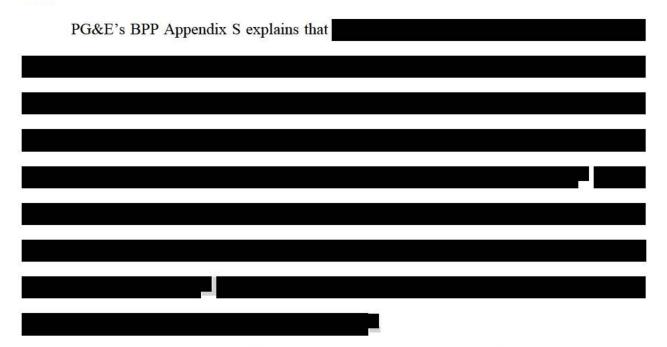
D.16-04-006 at 11.

D.12-11-051 at 9; D.09-03-025 at 8.

<sup>29</sup> CalCCA-01 at 7:15-16.

<sup>30</sup> *Id.* at 7:16-18.

PG&E also held four quarterly solicitations in November 2021, January 2022, April 2022, and July 2022, projecting the available RA for the remaining months of 2022 updated on a quarterly basis.<sup>31</sup>



PG&E creates a projected RA position (a calculation of its available system RA capacity) at the time it holds each solicitation in order to determine the quantity of RA available for sale at that point in time.<sup>35</sup> Table 2 below summarizes PG&E's System RA position for the months of June through October 2022 as calculated at the time of each applicable solicitation.

<sup>31</sup> *Id.* at 7:18-20.

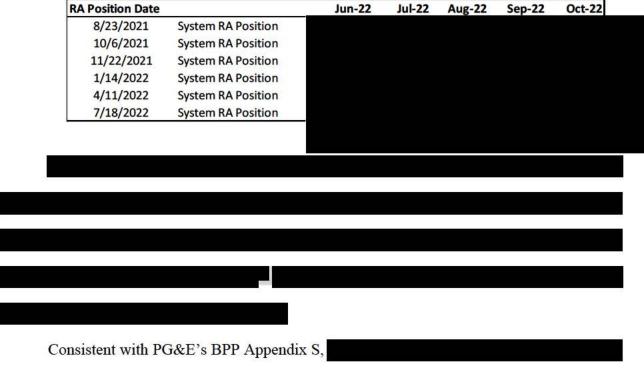
See CalCCA-03C at 5 (Section B.1.b.(1).(a) of Appendix S to PG&E's BPP, describing

<sup>33</sup> CalCCA-01C at 5:9-11.

<sup>&</sup>lt;sup>34</sup> *Id.* at 5:11-13.

<sup>35</sup> Id. at 5:14-15 (citing PG&E's response to Joint CCA Master Data Request 1.08).

Table 2: Summer System RA Position (MW)<sup>36</sup>



<sup>39</sup> Table 3, below, summarizes the System

RA PG&E offered for sale in each solicitation with delivery periods from June through October 2022 based on PG&E's projected System RA positions prepared at the time of each solicitation.<sup>40</sup>

<sup>36</sup> *Id.* at 6:1-2.

<sup>37</sup> *Id.* at 6:3-5.

<sup>38</sup> Id. at 6:5-6.

<sup>39</sup> *Id.* at 8:9-11.

<sup>40</sup> Id. at 8:7-9 (citing PG&E's response to Joint CCA Master Data Request 1.08 Attachment 2 and CalCCA data request 2.57).

Table 3: Summer System RA Volumes Offered for Sale by Solicitation (MW)<sup>41</sup>

| <b>RA Position Date</b> | System RA Volume Offered for Sale | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 |
|-------------------------|-----------------------------------|--------|--------|--------|--------|--------|
| 8/23/2021               | Phase 1 2022 YA Solicitation      |        |        |        |        |        |
| 10/6/2021               | Phase 2 2022 YA Solicitation      |        |        |        |        |        |
| 11/22/2021              | Q1 Balance-of-Year Solicitation   |        |        |        |        |        |
| 1/14/2022               | Q2 Balance-of-Year Solicitation   |        |        |        |        |        |
| 4/11/2022               | Q3 Balance-of-Year Solicitation   |        |        |        |        |        |
| 7/18/2022               | Q4 Balance-of-Year Solicitation   |        |        |        |        |        |

PG&E's offers to sell excess RA between July and October of 2022 stand in stark contrast with the near gigawatt of excess RA it counted towards its incremental procurement targets during the same time period. When asked to provide documentation demonstrating whether it received any offers from other LSEs to purchase any portion of the 923 MW of excess RA, PG&E responded that it "did not receive any bids from other LSEs to purchase any portion of the excess capacity *after it was known to be available.*" "42

Reviewing data from PG&E's RA solicitations tells a more complete story, however. Table

4 below details for each RA solicitation the bids submitted by third parties seeking to purchase

System RA, but which PG&E rejected

Table 4 summarizes the number of bids rejected

As Table 4 demonstrates,

<sup>41</sup> *Id.* at 8:12-13.

See id., Attachment B (PG&E's response to CalCCA data request 2.55 (emphasis added)).

See id., Attachment B (PG&E's response to CalCCA data requests 2.21, 2.23, and 2.54 Supplemental).

Table 4: Bids Rejected

|                          |           | Solicitation Terms / Number of Bids / MWs Rejected |           |     |           |      |           |         |              |     |  |
|--------------------------|-----------|--|-----------|-----|-----------|------|-----------|---------|--------------|-----|--|
|                          | June 2    | 022  | July 2    | 022 | August    | 2022 | Septemb   | er 2022 | October 2022 |     |  |
| Solicitation             | # of Bids | MWs  | # of Bids | MWs | # of Bids | MWs  | # of Bids | MWs     | # of Bids    | MWs |  |
| Phase 1 2022 YA          |           |  |           |     |           |      |           |         |              |     |  |
| Phase 2 2022 YA          |           |  |           |     |           |      |           |         |              |     |  |
| Q1 2022 BOY Solicitation |           |  |           |     |           |      |           |         |              |     |  |
| Q2 2022 BOY Solicitation |           |  |           |     |           |      |           |         |              |     |  |
| Q3 2022 BOY Solicitation |           |  |           |     |           |      |           |         |              |     |  |
| Q4 2022 BOY Solicitation |           |  |           |     |           |      |           |         |              |     |  |
|                          |           |  |           |     |           |      |           |         |              |     |  |

Collectively, Tables 3 and 4 demonstrate

Yet, as Table 1 above illustrates, only a short time later, PG&E counted 923 MW of excess RA capacity from PCIA-eligible resources towards its incremental procurement targets.<sup>44</sup> This raises two concerns. First, PG&E has not explained why its RA position changed so dramatically in a matter of months. Second, given that PGE&'s RA solicitations *came before* PG&E identified excess RA during the summer of 2022, PG&E has not demonstrated that it made reasonable, timely attempts to sell its excess RA capacity to other LSEs *after* that excess RA was known to be available.

B. The Commission Should Scrutinize the Adjustments PG&E Makes to its RA Position to Ensure Any Reductions to the Capacity PG&E Makes Available to the Market are Justified

As described earlier, PG&E determines its System RA position ahead of each solicitation

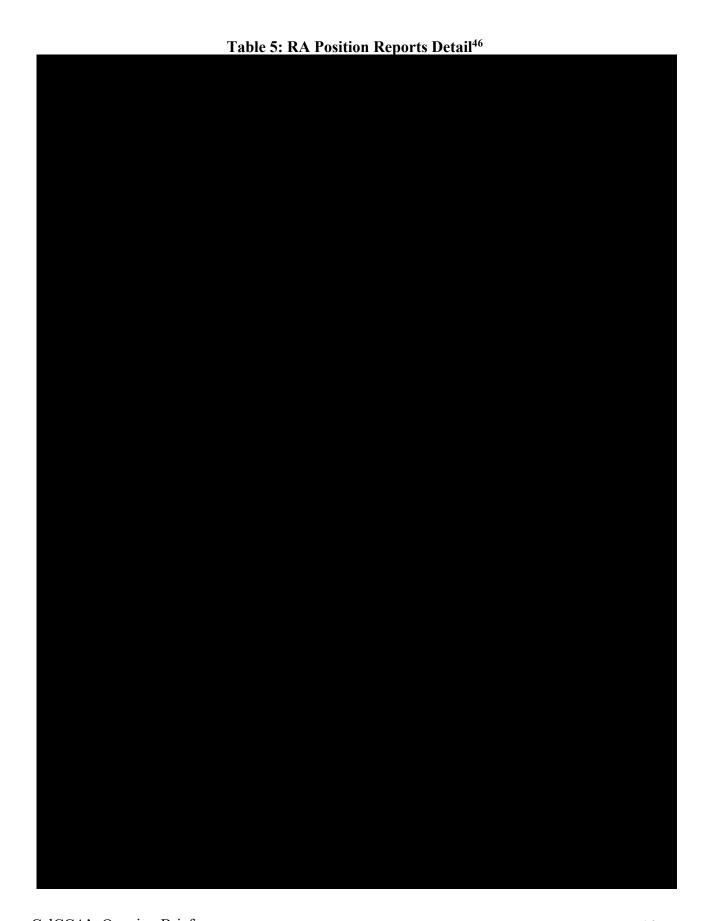
| by | 7 |  |  |  |  |  |  |  |  |  |  |  |  |
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|    |   |  |  |  |  |  |  |  |  |  |  |  |  |

CalCCA's Opening Brief

*Id.* at 4:2-4.

Table 5 below details each of those line items as calculated by PG&E in its RA position reports for the summer 2022 delivery period. Table 5 also shows the change from the previous RA position for each component of the reports.

See CalCCA-03-C, PG&E's Bundled Procurement Plan Appendix S Section B.3.b.1.a.



As Table 5 demonstrates, several line items that constitute PG&E's RA Position changed significantly each time PG&E calculated that position. One potential explanation for PG&E identifying significant excess RA (after projecting ahead of its solicitations) is that certain line items in PG&E's RA position are impacted by resource availability and other adjustments to available capacity. To the extent PG&E has discretion with regard to its assumptions of resource availability, outage schedules, or operational constraints, it is likely to make conservative assumptions to ensure resources are used to meet PG&E's own compliance obligations rather than making those resources available to the market.<sup>47</sup>

In response to CalCCA discovery on this issue, PG&E first dismissed CalCCA's concern by asserting that its bundled RA position "changed due to a variety of conditions." In response to follow up discovery, PG&E offered

. That is a

problem because, again, PG&E has an incentive to make conservative assumptions that ensure resources are available to meet PG&E's own compliance obligations (rather than making those resources available to other LSEs). To mitigate this risk, the Commission should scrutinize the adjustments PG&E makes to its RA position in future ERRA Compliance proceedings to ensure any reductions to the capacity PG&E makes available to the market through scheduled solicitations

<sup>46</sup> CalCCA-01C at 16.

<sup>47</sup> *Id.* at 17:15-19.

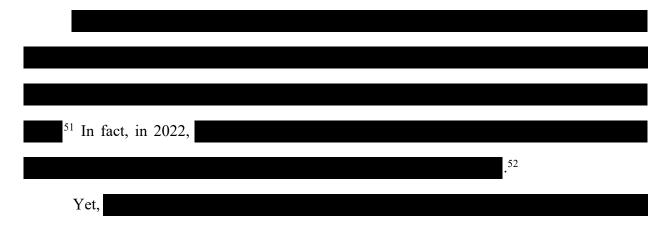
<sup>48</sup> CalCCA-04C, PG&E response to CalCCA data request 3.27.

<sup>49</sup> Id., PG&E response to CalCCA data request 6.03.

are justified. Moreover, the Commission should expressly permit parties to examine the assumptions underlying PG&E's RA positions in future ERRA Compliance proceedings.

## C. PG&E Did Not Make Reasonable Attempts To Sell Its Excess RA During The Summer of 2022 After It Was Known to be Available.

In addition to scrutinizing the swings in PG&E's RA position, the Commission should examine PG&E's attempts to sell excess RA once PG&E identified that excess. PG&E states it identified the final quantity of excess RA capacity shown towards meeting Summer Reliability procurement targets between T-50 and T-30 days prior to each compliance month. That means PG&E did not identify the final quantity of excess RA capacity counted towards meeting incremental procurement targets for July, August, and September 2022 until *after* its Q3 Balance of Year Solicitation (for which PG&E prepared an RA Position on April 11, 2022). Similarly, that timeline means PG&E did not identify the final quantity of excess RA capacity counted towards PG&E's incremental procurement target for October 2022 until *after* the Q4 Balance of Year Solicitation (for which PG&E prepared an RA position on July 18, 2022).



Id., PG&E response to CalCCA data request 3.26, 3.33.

<sup>51</sup> *Id.*, PG&E response to CalCCA data request 7.01; CalCCA-03C at 13.

Id., PG&E response to CalCCA data request 7.02, 7.03.

| In fact,   |
|--|
| Instead, PG&E counter  |
| hundreds of megawatts towards its own system reliability incremental procurement targets |
|  |
| Far from making "reasonable attempts" to sell the excess RA it identified, therefore     |
| PG&E   |
|  |

## D. The Commission Should Not Find PG&E Prudently Managed its RA Portfolio and Should Not Find PG&E's PABA Entries are Reasonable

Scoping Issue 1 in this proceeding asks "[w]hether PG&E, during the record period, prudently administered and managed the following, in compliance with all applicable rules, regulations, and Commission decisions, including but not limited to Standard of Conduct (SOC) 4: a) Utility-Owned Generation Facilities, except for the Elkhorn Battery Energy Storage System and Pit 1 Powerhouse outages which will be reviewed in the 2023 ERRA Compliance proceeding; b) Qualifying Facilities (QF) Contracts; and c) Non-QF Contracts. If not what adjustments, if any, should be made to account for imprudently managed or administered resources?"55

At a high level, Scoping Issue 1 requires the Commission to evaluate whether PG&E prudently administered and managed its generation portfolio (UOG and contracted resources) in

Id., PG&E response to CalCCA data request 7.05c, 7.06c, 7.07c, 7.08c
 Id., PG&E response to CalCCA data request 7.05d, 7.06d, 7.07d, 7.08d

Assigned Commissioner's Scoping Memo and Ruling at 2.

2022. As a part of that broad evaluation, the Commission must assess whether PG&E administered and managed its RA resources prudently. That prudence assessment, in turn, includes assessing whether PG&E made reasonable efforts to ensure it received value for all its RA resources, a key consideration in determining whether PG&E has prudently managed is generation portfolio.

The Commission applies several standards to assess the prudence of PG&E's management and administration of its generation portfolio, including SOC 4, the Commission's Good Utility Practice standard and the "reasonable manager" standard. SOC 4 requires utilities to prudently administer all contracts and generation resources and dispatch the energy in a least-cost manner. The Commission has stated that prudent contract administration consistent with SOC 4 requires the utility "dispose of economic long power"—in other words, sell excess resources—among other activities. In a similar vein, the "Good Utility Practice" standard requires utilities act consistent with:

"[A]ny of the practices, methods and acts engaged in or approved by a significant portion of the electric utility industry during the relevant time period, or any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition."<sup>59</sup>

Lastly, the broad "reasonable manager" standard requires utilities act in a manner that "comport[s] with what a reasonable manager of sufficient education, training, experience and skills using the tools and knowledge at his disposal would do when faced with a need to make a decision and

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See e.g. D.20-12-036 at 9 (in SDG&E's 2018 ERRA Compliance proceeding, finding SDG&E complied with the Good Utility Practice and reasonable manager standards).

D.02-10-062 at Conclusion of Law 11.

D.02-12-074 at 54; see also D.05-04-036 at 24.

D.02-12-069, Attachment A at 5.

act."<sup>60</sup> Each of these standards permit the Commission to review whether the utility maximized the value of its RA resources for the benefit of its customers during the record period.

In the instant proceeding, PG&E has not demonstrated that it maximized the value of its RA resources for the benefit of its customers. PG&E

and then, after identifying hundreds of megawatts of excess RA just a few months later,

before transferring that capacity to CAM. The Commission should therefore not find that PG&E managed its UOG portfolio prudently. Moreover, given that PG&E's RA sales directly impact its PABA entries (*i.e.*, sold RA is credited to the PABA), the Commission should not find that PG&E's PABA entries for the 2022 record period are reasonable.

#### E. The Commission Should Revisit PG&E's BPP in the IRP Docket

The record demonstrates PG&E's RA position can fluctuate rapidly and significantly. It also demonstrates PG&E's scheduled solicitations may not be a sufficiently flexible or robust means—standing alone—for ensuring that PG&E makes excess RA capacity available to the market in both a timely and comprehensive manner. While the Commission must review PG&E's 2022 RA activities in this proceeding and should scrutinize PG&E's RA positions and activities in future ERRA Compliance proceedings, the Commission should revisit PG&E's BPP in the IRP proceeding to ensure that Appendix S delivers that outcome.

The Commission can, in this proceeding, order that PG&E's BPP be revisited in the IRP docket.<sup>61</sup> The IRP docket, as the successor to the Long-Term Procurement Plan dockets that gave rise to the most recent, full BPPs, is the appropriate place to evaluate BPP revisions. Specifically,

D.90-09-088 at 499.

California PUC Docket No. R.20-05-003.

the initial Order Instituting Rulemaking (OIR) issued in the current IRP docket stated explicitly that the IRP docket was the correct venue for BPP revisions.<sup>62</sup> This notion was reaffirmed by the Preliminary Scoping Memo included in the OIR.<sup>63</sup> Further, the Amended Scoping Memo, which currently controls the IRP docket, states that the IRP docket is anchored by, among other things, "[c]onsideration of the need for procurement by LSEs of electricity resources," and that the current scope includes issues related to "[e]stablishing a process and cadence for performing reliability analysis and setting reliability planning and procurement requirements for LSEs . . . involv[ing] coordination with resource adequacy requirements[.]"<sup>64</sup> This Commission has reinforced this conclusion in other proceedings, suggesting that BPP procurement rules have not *yet* been addressed in the IRP docket.<sup>65</sup>

Finally, the IRP docket provides a forum in which parties may workshop best practices for BPP provisions governing excess RA solicitations and market offers. While the Commission's model non-disclosure agreement prevents discussion of the specifics of the confidential components of other IOUs' BPPs in individual ERRA Compliance proceedings, the IRP docket is a consolidated proceeding in which parties may execute non-disclosure agreements that allow for the evaluation of each IOUs' BPP in the same place. Accordingly, parties and the Commission can determine if other IOUs' existing practices might complement PG&E's practices and help ensure

<sup>62</sup> R.20-05-003, Order Instituting Rulemaking at 2 (May 14, 2020).

<sup>63</sup> *Id.* at 10.

R.20-05-003, Assigned Commissioner's Amended Scoping Memo and Ruling Extending Statutory Deadline at 2, 9 (Apr. 18, 2024).

D.23-12-008 at 23 (stating "BPPs were reviewed and adopted every two years via a Commission decision in the Long-Term Procurement Plan (LTPP) proceeding. Although the IOUs' current BPPs were last approved, with modifications, by D.15-10-031 on October 22, 2015, in R.13-12-010, the IOUs have not filed a full update of their BPPs since then. Instead, the IOUs have updated various sections of their BPPs via advice letters as needed over the years. The IRP proceeding is the successor proceeding to the LTPP proceeding, however, a complete review of the IOU BPPs and changes to BPP procurement rules has yet to be addressed." (emphasis added)).

PG&E makes excess RA available to other LSEs in an appropriate manner.

IV. CONCLUSION

For the reasons described in this brief, CalCCA respectfully urges the Commission to take the actions discussed herein and to grant any other relief the Commission deems just and reasonable.

Respectfully submitted,

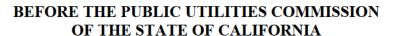
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ASSOCIATION

Dated: October 4, 2024





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Application 23-02-018 A2302018

Application of Pacific Gas and Electric Company for Compliance Review of Utility Owned Generation Operations, Portfolio Allocation Balancing Account Entries, Energy Resource Recovery Account Entries, Contract Administration, Economic Dispatch of Electric Resources, Utility Owned Generation Fuel Procurement, and Other Activities for the Record Period January 1 through December 31, 2022

U 39 E

## CALIFORNIA COMMUNITY CHOICE ASSOCIATION'S REPLY BRIEF

#### **PUBLIC VERSION**

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ASSOCIATION

Dated: October 11, 2024

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### SUMMARY OF RECOMMENDATIONS

| • | The California Public Utilities Commission (Commission) should adopt the |
|---|--|
|   | recommendations CalCCA makes in its opening brief.                       |

### BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of Pacific Gas and Electric Company for Compliance Review of Utility Owned Generation Operations, Portfolio Allocation Balancing Account Entries, Energy Resource Recovery Account Entries, Contract Administration, Economic Dispatch of Electric Resources, Utility Owned Generation Fuel Procurement, and Other Activities for the Record Period January 1 through December 31, 2022

Application 23-02-018

U 39 E

## CALIFORNIA COMMUNITY CHOICE ASSOCIATION'S REPLY BRIEF

The California Community Choice Association<sup>1</sup> (CalCCA) submits this Reply Brief regarding the *Application of Pacific Gas and Electric Company (U 39 E) for Compliance Review of Utility Owned Generation Operations, Portfolio Allocation Balancing Account Entries, Energy Resource Recovery Account Entries, Contract Administration, Economic Dispatch of Electric Resources, Utility Owned Generation Fuel Procurement, and Other Activities for the Record Period January 1 Through December 31, 2022* (Application) pursuant to Rule 13.12 of the Rules of Practice and Procedure of the California Public Utilities Commission and the Administrative Law Judge's (ALJ) September 3, 2024 Ruling Setting the Proceeding Schedule.<sup>2</sup>

Pacific Gas & Electric Company's (PG&E) opening brief skirts the central question in this

California Community Choice Association represents the interests of 24 community choice electricity providers in California: Apple Valley Choice Energy, Ava Community Energy, Central Coast Community Energy, Clean Energy Alliance, Clean Power Alliance of Southern California, CleanPowerSF, Desert Community Energy, Energy For Palmdale's Independent Choice, Lancaster Energy, Marin Clean Energy, Orange County Power Authority, Peninsula Clean Energy, Pico Rivera Innovative Municipal Energy, Pioneer Community Energy, Pomona Choice Energy, Rancho Mirage Energy Authority, Redwood Coast Energy Authority, San Diego Community Power, San Jacinto Power, San José Clean Energy, Santa Barbara Clean Energy, Silicon Valley Clean Energy, Sonoma Clean Power, and Valley Clean Energy.

Administrative Law Judge's Ruling Setting the Proceeding Schedule (Sept. 3, 2024), available at: <a href="https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M539/K203/539203270.PDF">https://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M539/K203/539203270.PDF</a>.

case: Whether PG&E made reasonable attempts to sell its excess Resource Adequacy (RA) to other load-serving entities (LSE) during the summer of 2022 before counting that capacity towards its own incremental procurement targets. PG&E's failure to address that question is concerning because, as its testimony (but not its opening brief) acknowledges, PG&E counted nearly a **gigawatt** of excess RA towards its own incremental procurement targets rather than selling that capacity to other LSEs during the record period.<sup>3</sup> Moreover, PG&E did so after

4

CalCCA expects PG&E will, in its reply brief, argue its 2022 RA sales solicitations comply with its Bundled Procurement Plan (BPP)—a point CalCCA does not challenge. But that defense should not end the Commission's inquiry.

.5 As CalCCA's testimony and exhibits demonstrate,
PG&E did not make reasonable attempts to sell its excess RA capacity to other LSEs

after identifying that capacity

While PG&E's opening brief does not meaningfully engage with the central question in this case, CalCCA's opening brief thoroughly addresses PG&E's 2022 RA sales activities. This brief does not repeat those arguments, but makes the following two points.

First, CalCCA responds to PG&E's discussion of Scoping Issue 1. PG&E asserts it prudently administered its utility-owned generation (UOG) facilities and dismisses CalCCA's evidence on PG&E's RA sales as "the subject of Scoping Issue 5." PG&E takes an unduly narrow view of Scoping Issue 1. The legal standards applicable to Scoping Issue 1 permit the Commission

and before counting that capacity towards its incremental procurement targets.

<sup>&</sup>lt;sup>3</sup> PG&E-01 at 12-15.

<sup>&</sup>lt;sup>4</sup> CalCCA-04C, PG&E confidential response to CalCCA Data Request 3.31a.

<sup>5</sup> CalCCA Opening Brief at 18.

<sup>6</sup> PG&E Opening Brief at 7.

to review whether the utility maximized the value of its generation portfolio—including its RA resources—for the benefit of its customers during the record period. The record demonstrates PG&E did not maximize the value of its RA resources for the benefit of its customers, and therefore, the Commission should not find that PG&E prudently managed its UOG facilities during the record period.

Second, PG&E's opening brief demonstrates why the Commission must revisit PG&E's BPP in the Integrated Resource Plan (IRP) proceeding. Again, PG&E asserts it complied with Appendix S of its BPP<sup>7</sup> but does not explain why it nevertheless ended up with nearly a gigawatt of excess RA at a time when the RA market was constrained. The IRP proceeding is the right forum for the Commission to consider best practices in RA sales, compare practices across utilities, and ensure PG&E makes its excess RA available to LSEs in an appropriate manner going forward.

#### I. ARGUMENT

# A. PG&E Has Not Demonstrated That It Prudently Administered Its Generation Portfolio During the Record Period

PG&E asserts it prudently administered its UOG facilities and generation contracts, and CalCCA's testimony "does not present any evidence to the contrary." Not so. CalCCA's testimony and exhibits demonstrate PG&E did not make reasonable attempts to sell excess RA to other LSEs after identifying that excess and before counting it towards PG&E's system reliability incremental procurement targets during the summer of 2022.9

The fundamental flaw affecting PG&E's argument with respect to Scoping Issue 1 is that PG&E recites, but glosses over, the relevant legal standards. The Commission applies several standards to assess the prudence of PG&E's management and administration of its generation

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<sup>7</sup> *Id.* at 9-10.

<sup>8</sup> *Id.* at 7.

See CalCCA Opening Brief at 10-19.

portfolio, including Standard of Conduct (SOC) 4, the Commission's Good Utility Practice standard and the "reasonable manager" standard. SOC 4 requires utilities to prudently administer all contracts and generation resources and dispatch the energy in a least-cost manner. The Commission has stated that prudent contract administration consistent with SOC 4 requires the utility "dispose of economic long power"—in other words, sell excess resources—among other activities. In a similar vein, the "Good Utility Practice" standard requires utilities act consistent with:

"[A]ny of the practices, methods and acts engaged in or approved by a significant portion of the electric utility industry during the relevant time period, or any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition."<sup>13</sup>

Lastly, the broad "reasonable manager" standard requires utilities act in a manner that "comport[s] with what a reasonable manager of sufficient education, training, experience and skills using the tools and knowledge at his disposal would do when faced with a need to make a decision and act." Each of these standards permit the Commission to review whether the utility maximized the value of its generation portfolio—which includes its RA resources—for the benefit of its customers during the record period.

Thus, CalCCA's testimony and exhibits concerning PG&E's RA sales activities are squarely within and concern Scoping Issue 1. PG&E has not met its burden of proof with respect to Scoping Issue 1 because the record demonstrates PG&E

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See, e.g. A.19-05-007, D.20-12-036 at 9 (in SDG&E's 2018 ERRA Compliance proceeding, finding SDG&E complied with the Good Utility Practice and reasonable manager standards).

D.02-10-062, Conclusion of Law 11 (Oct. 24, 2002).

D.02-12-074 at 54 (Dec. 19, 2002); see also D.05-04-036 at 24.

D.02-12-069, Attachment A at 5 (Dec. 19, 2002).

D.90-09-088 at 499.

hundreds of megawatts of excess RA just a few months later,

before counting that capacity towards its incremental procurement targets.<sup>16</sup> The Commission should not, therefore, find that PG&E prudently administered its generation portfolio during the record period.

### B. The Commission Should Revisit PG&E's BPP in the IRP Proceeding.

With respect to PG&E's scheduled solicitations for the sale of RA with delivery during the summer of 2022, CalCCA does not challenge PG&E's compliance with Appendix S of its BPP. The problem, however, is that notwithstanding those solicitations, PG&E ended up with nearly a gigawatt of excess RA capacity during the summer of 2022, and did not make reasonable attempts to sell that capacity *after* identifying it. PG&E's opening brief does not acknowledge or engage with this disconnect, and instead focuses on its compliance with Appendix S of its BPP.

PG&E's "bare minimum" approach is exactly the reason the Commission should revisit PG&E's BPP in the IRP proceeding. As CalCCA explained in its opening brief, the IRP docket provides a forum in which parties may workshop best practices for BPP provisions governing excess RA solicitations and market offers. While the Commission's model non-disclosure agreement prevents discussion of the specifics of the confidential components of other IOUs' BPPs in individual ERRA Compliance proceedings, the IRP docket is a consolidated proceeding in which parties may execute non-disclosure agreements that allow for the evaluation of each IOUs' BPP in the same place. Accordingly, parties and the Commission can determine if other IOUs' existing practices might complement PG&E's practices. This would help ensure PG&E makes

<sup>15</sup> CalCCA-01C at 8:12-13.

<sup>&</sup>lt;sup>16</sup> CalCCA-04C, PG&E response to CalCCA data request 7.05c, 7.05d, 7.06c, 7.06d, 7.07c, 7.07d, 7.08c, 7.08d.

excess RA available to other LSEs in a proactive and timely manner, rather than simply "ticking

the box" on RA sales.

II. CONCLUSION

For the reasons described in its testimony and briefs, CalCCA respectfully urges the

Commission to adopt the recommendations listed in CalCCA's opening brief and to grant any

other relief the Commission deems just and reasonable.

Respectfully submitted,

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