| DOCKETED | |
|---|---|
| **Docket Number:** | 22-IEPR-03 |
| **Project Title:** | Electricity Forecast |
| **TN #:** | 247936 |
| **Document Title:** | 22-IEPR-03 SES_2022_IEPR_Supply Forms Excel Sheets |
| **Description:** | N/A |
| **Filer:** | Eric Gibbons |
| **Organization:** | Shell Energy North America |
| **Submitter Role:** | Applicant |
| **Submission Date:** | 9/12/2022 7:38:32 AM |
| **Docketed Date:** | 9/12/2022 |

State of California
California Energy Commission
**ELECTRICITY RESOURCE PLANNING FORMS**
**Administrative Information**

| | |
|---|---|
| **Name of Load Serving Entity ("LSE")** | Shell Energy North America |
| **Name of Resource Planning Coordinator** | |

| **Persons who prepared Supply Forms** | **S-1 Requirement** | **S-2 Supply** | **S-2 Addendum** | **S-3 Small POU Hourly Loads** | **S-5 Bilateral Contracts** | **Application for Confidentiality** |
|---|---|---|---|---|---|---|
| Name: | Eric Gibbons | Eric Gibbons | Eric Gibbons | | Eric Gibbons | Eric Gibbons |
| Title: | Regulatory Environmental Specialist | Regulatory Environmental Specialist | Regulatory Environmental Specialist | | Regulatory Environmental Specialist | Regulatory Environmental Specialist |
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| Address: | 4445 Eastgate Mall, Suite 100 | 4445 Eastgate Mall, Suite 100 | 4445 Eastgate Mall, Suite 100 | | 4445 Eastgate Mall, Suite 100 | 4445 Eastgate Mall, Suite 100 |
| Address 2: | | | | | | |
| City: | San Diego | San Diego | San Diego | | San Diego | San Diego |
| State: | CA | CA | CA | | CA | CA |
| Zip: | 92121 | 92121 | 92121 | | 92121 | 92121 |
| Date Completed: | 9/8/2022 | 9/8/2022 | 9/8/2022 | | 9/8/2022 | 9/8/2022 |
| Date Updated by LSE: | | | | | | |
| **Back-up / Additional Contact Persons for Questions about these Forms (Optional):** | | | | | | |
| Name: | Christa Lim | Christa Lim | Christa Lim | | Christa Lim | Christa Lim |
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| Address 2: | | | | | | |
| City: | San Diego | San Diego | San Diego | | San Diego | San Diego |
| State: | CA | CA | CA | | CA | CA |
| Zip: | 92121 | 92121 | 92121 | | 92121 | 92121 |

State of California
California Energy Commission
**ELECTRICITY RESOURCE PLANNING FORMS**
**CEC S-1 Capacity/Energy Requirement Form**

Shell Energy North America

Yellow fills indicate confidentiality is being requested pursuant to Appendix A.

**Bold font cells sum automatically.** Data input by User are in dark green font.

| line | Capacity Procurment Requirement (MW) | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **PEAK LOAD CALCULATIONS** | (Actual Load) | (Actual Load) | (Forecast Load ->) | | | | | | | | | |
| 1 | Forecast Total Peak-Hour 1-in-2 Demand | 899 | 898 | 910 | 617 | 513 | 327 | 358 | | | | | |
| 2a | ESP Demand: Existing Customer Contracts | 899 | 898 | 910 | 617 | 513 | 327 | 358 | | | | | |
| 2b | ESP Demand: New and Renewed Contracts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 2c | ESP Demand in PG&E service area | 369 | 359 | 340 | 207 | 169 | 40 | 67 | | | | | |
| 2d | ESP Demand in SCE service area | 265 | 282 | 284 | 137 | 87 | 49 | 53 | | | | | |
| 2e | ESP Demand in SDG&E service area | 265 | 257 | 286 | 273 | 257 | 238 | 238 | | | | | |
| 3 | Additional Achievable Energy Efficiency (-) | | | 0 | 0 | 0 | 0 | 0 | | | | | |
| 4 | Demand Response / Interruptible Programs (-) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 5 | Adjusted Demand: End-Use Customers | **899** | **898** | **910** | **617** | **513** | **327** | **358** | **0** | **0** | **0** | **0** | **0** |
| 6 | Coincidence Adjustment (-) | | | | | | | | | | | | |
| 7 | Coincident Peak-Hour Demand | **899** | **898** | **910** | **617** | **513** | **327** | **358** | **0** | **0** | **0** | **0** | **0** |
| 8 | Required Planning Reserve Margin | **135** | **135** | **137** | **93** | **77** | **49** | **54** | **0** | **0** | **0** | **0** | **0** |
| 9 | Credit for Imports That Carry Reserves (-) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 10 | Firm Sales Obligations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 11 | Firm LSE Procurement Requirement | **1,034** | **1,033** | **1,047** | **710** | **590** | **376** | **412** | **0** | **0** | **0** | **0** | **0** |

| line | Energy Procurement Requirement (GWh) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ENERGY DEMAND CALCULATIONS** | (Actual Load) | (Actual Load) | (Forecast Load ->) | | | | | | | | | |
| 12 | Forecast Total Energy Demand / Consumption | 5,575 | 5,655 | 5,930 | 3,738 | 3,098 | 1,676 | 1,913 | | | | | |
| 13a | ESP Demand: Existing Customer Contracts | 5,575 | 5,655 | 5,930 | 3,738 | 3,098 | 1,676 | 1,913 | | | | | |
| 13b | ESP Demand: New and Renewed Contracts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 13c | ESP Demand in PG&E service area | 2,462 | 2,429 | 2,543 | 1,558 | 1,322 | 310 | 519 | | | | | |
| 13d | ESP Demand in SCE service area | 1,462 | 1,542 | 1,770 | 764 | 522 | 236 | 264 | | | | | |
| 13e | ESP Demand in SDG&E service area | 1,651 | 1,684 | 1,640 | 1,416 | 1,254 | 1,130 | 1,130 | | | | | |
| 14 | Additional Achievable Energy Efficiency (-) | | | 0 | 0 | 0 | 0 | 0 | | | | | |
| 15 | Demand Response / Interruptible Programs (-) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 16 | Adjusted Demand: End-Use Customers | **5,575** | **5,655** | **5,930** | **3,738** | **3,098** | **1,676** | **1,913** | **0** | **0** | **0** | **0** | **0** |
| 17 | Firm Sales Obligations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 18 | Firm LSE Procurement Requirement | **5,575** | **5,655** | **5,930** | **3,738** | **3,098** | **1,676** | **1,913** | **0** | **0** | **0** | **0** | **0** |

| line | Historic LSE Peak Load: | MW Year 2020 | MW Year 2021 |
|---|---|---|---|
| 19 | Annual Peak Load / Actual Metered Deliveries | 834.5 | 832.1 |
| 20 | Date of Peak Load for Annual Peak Deliveries | 10/1/20 | 9/9/21 |
| 21 | Hour Ending for Annual Peak Deliveries | 15 | 15 |
| 22 | Interruptible Load called on during that hour (+) | | |
| 23 | Self-Generation and DG Adjustments | | |
| 24 | Adjustments for Major Outages | | |
| 25 | Adjusted Annual Peak Load | **834.5** | **832.1** |

| Lines | Notes |
|---|---|
| x | |
| x | |

State of California
California Energy Commission
**CEC-800-2020-003-CMF-REV**
**CEC Form 9.0: Capacity/Energy Supply Resources Form**
Shell Energy North America

Yellow tins indicate confidentiality is being requested pursuant to Appendix A.

**Bold tot cells sum automatically.** Data Input in Calc are in dark green font

| | CAPACITY SUPPLY RESOURCES (MW) | PlantUnit Identifier CEC ID | PlantUnit Identifier EIA ID | PlantUnit Identifier CAISO ID | Fuel Type | Nameplate Capacity | BA | Latitude | Longitude | Storage Duration Hours | Monthly Data | Incremental Capacity Addition | 2020 (Actual Capacity) | 2021 (Actual Capacity) | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Total Fossil Fuel Supply** | | | | | | | | | | ■Hide | Check | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 3 | | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 4 | **Total Nuclear Supply** | | | | | | | | | | ■Hide | Check | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 6 | | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 7 | **Total Hydroelectric Supply** | | | | | | | | | | ■Hide | Check | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | Hydro Supply from Plants Over 30 MW or more | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 9 | Hydro Supply from Plants Less than 30 MW | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 10 | **Total 100% Contracted Renewable Supply** | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | INTERIM RESOURCE | | | | | | | | | | | Check | | | | | | | | | | | | |
| 12 | Solar | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 13 | Other | | | | | | | | | | | Check | | | | | | | | | | | | |
| 14 | **Total Qualifying Facility (QF) Contract Supply** | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | Biofuels | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 16 | Geothermal | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 17 | Small Hydro | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 18 | Solar | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 19 | Wind | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 20 | Natural Gas | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 21 | Other | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 22 | **Total Renewable Contract Supply** | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | Biogas | | | | | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 24 | Biogas, 2010 Anaerobic C | 61250 | 58608 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 25 | Biogas, 2010 Anaerobic J | 61255 | 58207 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 26 | Biogas, 2010 Anaerobic K | 61317 | 58607 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 27 | Biogas, 2010 Anaerobic P | 61318 | 58609 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 28 | Biogas, 2010 Anaerobic Q | 61319 | 58610 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 29 | Biogas, 2010 Anaerobic S | 61352 | 58436 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 30 | Biogas, 2010 Anaerobic T | 61353 | 58437 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 31 | Biogas, 2005 Anaerobic J | 61255 | 58207 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 32 | Biogas, 2005 Anaerobic K | 61317 | 58607 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 33 | Biogas, 2005 Anaerobic Q | 61319 | 58610 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 34 | Biogas, 2005 Anaerobic S | 61352 | 58436 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 35 | Biogas, 2005 Anaerobic T | 61353 | 58437 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 36 | Biogas, 2005 CE Energy | 61260A | 57153 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 37 | Biogas, 2005 Crazy Horse | 61262A | 57154 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 38 | Biogas, 2005 Fremont Ra | 61301A | 55260 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 39 | Biomass, 2010 Sierra Pac | 60580A | 56468 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 40 | Biomass, 2010 Sierra Pac | 61008 | 56470 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 41 | Biomass, 2010 Stack Pac | 61016 | 56472 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 42 | Biomass, 2010 Sierra Pac | 61076 | 56710 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 43 | Biomass, 2010 Sierra Pac | 61081 | 56713 | | BioFuels | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 44 | Geothermal, 2005 Calpine | 50626 | 10021 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 45 | Geothermal, 2005 Cow Creek | 10026 | 10675 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 46 | Geothermal, 2005 Cow Creek | 10027 | 10676 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 47 | Geothermal, 2010 Calpine | 50626 | 10021 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 48 | Geothermal, 2010 Cow Creek | 10026 | 10675 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 49 | Geothermal, 2010 Cow Creek | 10027 | 10676 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 50 | Geothermal, 2010 Salton Sea | 60034 | 10108 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 51 | Geothermal, 2010 Salton Sea | 60035 | 10109 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 52 | Geothermal, 2010 Second Gen | 60041 | 10111 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 53 | Geothermal, 2010 Unocal Pr | 60042 | 10112 | | Geothermal | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 54 | Hydroelectric, 2005 Fairfax - F | 61080 | 116 | | Small Hydroelectric (<30) | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 55 | Hydroelectric, 2005 Stanislaus - K | 60208 | 54006 | | Small Hydroelectric (<30) | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 56 | Hydroelectric, 2005 Tulloch - A | 60209 | 54007 | | Small Hydroelectric (<30) | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 57 | Natural Gas, 2010 Hanford | 60616 | 57514 | | Natural Gas | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 58 | Natural Gas, 2010 Lockeford | 60896 | 55976 | | Natural Gas | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 59 | Solar, 2010 RE Tangel | 60608 | 56608 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 60 | Solar, 2010 Antelope | 60610 | 56610 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 61 | Solar, 2010 Fightland | 60640 | 61330 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 62 | Solar, 2010 Imperial V | 60650 | 61352 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 63 | Solar, 2010 Kelbaker | 60660 | 61353 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 64 | Solar, 2010 Mesquite | 60700 | 61372 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 65 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 66 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 67 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 68 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 69 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 70 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 71 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 72 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 73 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 74 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 75 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 76 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 77 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 78 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 79 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 80 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 81 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 82 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 83 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 84 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 85 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 86 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 87 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 88 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 89 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 90 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 91 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 92 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 93 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 94 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 95 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 96 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 97 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 98 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 99 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 100 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 101 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 102 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 103 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 104 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 105 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 106 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 107 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 108 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 109 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 110 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 111 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 112 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 113 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 114 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 115 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 116 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 117 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 118 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 119 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 120 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 121 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 122 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 123 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 124 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 125 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 126 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 127 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 128 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 129 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 130 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 131 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 132 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 133 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 134 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 135 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 136 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 137 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 138 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 139 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 140 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 141 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 142 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 143 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 144 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 145 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 146 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 147 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 148 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 149 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 150 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 151 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 152 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 153 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 154 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 155 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 156 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 157 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 158 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 159 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 160 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 161 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 162 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 163 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 164 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 165 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 166 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 167 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 168 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 169 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 170 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 171 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 172 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 173 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 174 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 175 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 176 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 177 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 178 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 179 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 180 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 181 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 182 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 183 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 184 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 185 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 186 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 187 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 188 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 189 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 190 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 191 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 192 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 193 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 194 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 195 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 196 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 197 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 198 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 199 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 200 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 201 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 202 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 203 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 204 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 205 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 206 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 207 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 208 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 209 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 210 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 211 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 212 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 213 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 214 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 215 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 216 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 217 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 218 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 219 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 220 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 221 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 222 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 223 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 224 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 225 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 226 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 227 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 228 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 229 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 230 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 231 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 232 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 233 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 234 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 235 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 236 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 237 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 238 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 239 | Solar, 2010 Longer II | 60961 | 60879 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 240 | Solar, 2010 Mars | 60962 | 60880 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 241 | Solar, 2010 Mesquite II | 60960 | 60268 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 242 | Solar, 2010 Topaz Sol | 60964 | 61355 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 243 | Solar, 2010 Solar Star | 60970 | 61357 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 244 | Solar, 2010 Silver Lake | 60341 | 61311 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 245 | Solar, 2010 JY Solar B | 60341 | 61316 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 246 | Solar, 2010 Columbia | 60842A | 60860 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 247 | Solar, 2010 Columbia Solar | 60842B | 60861 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 248 | Solar, 2010 GENESIS SO | 60956 | 61354 | | Solar PV | | | | | | ■Hide | Check | | | | | | | | | | | | |
| 249 | Solar, 2010 Longer I | 60960 | 60878 | | Solar PV | | | | | | 

California Energy Commission
**CEC-300 Form 3.2 PLANNING FORMS**
**CEC Form 3.2: Addendum Monthly Capacity and Energy Data**
Shell Energy North America

*Please copy rows below as needed*

| Resource Name | PlantUnit Identifier- CEC ID | PlantUnit Identifier- EIA ID | PlantUnit Identifier- CAISO ID | | 2023-1 | 2023-2 | 2023-3 | 2023-4 | 2023-5 | 2023-6 | 2023-7 | 2023-8 | 2023-9 | 2023-10 | 2023-11 | 2023-12 | 2024-1 | 2024-2 | 2024-3 | 2024-4 | 2024-5 | 2024-6 | 2024-7 | 2024-8 | 2024-9 | 2024-10 | 2024-11 | 2024-12 | 2025-1 | 2025-2 | 2025-3 | 2025-4 | 2025-5 | 2025-6 | 2025-7 | 2025-8 | 2025-9 | 2025-10 | 2025-11 | 2025-12 | 2026-1 | 2026-2 | 2026-3 | 2026-4 | 2026-5 | 2026-6 | 2026-7 | 2026-8 | 2026-9 | 2026-10 | 2026-11 | 2026-12 | 2027-1 | 2027-2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Amazon Generating Station 4** | | | ALMDA_4_CDWRA1 | Contract GWh | 2.80 | 2.30 | 0 | 0.4 | 0 | 10.87 | 30 | 0 | 10 | 0 | 0 | 0 | 0.5 | 0 | 2.5 | 4.5 | 8.4 | 10.1 | 10.4 | 12.4 | 11.1 | 6 | 3.7 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Amazon Generating Station 7** | | | ALMDA_7_CDWRA1 | Contract GWh | 5.98 | 7.84 | 7.84 | 10.4 | 0 | 11.52 | 12.48 | 12.48 | 10.08 | 8.16 | 2.64 | 0 | 3.328 | 2.08 | 4.68 | 3.808 | 4.408 | 17.952 | 15.008 | 16.368 | 14.952 | 5.768 | 7.520 | 4.53 | 4.24 | 5.15 | 12.06 | 15.61 | 16.67 | 22.98 | 47.37 | 38.54 | 14.95 | 3.12 | 2.13 | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Cabazon Wind Project** | 60202 | 60211 | CABZON_7_WNDML1 | Contract GWh | 6.74 | 6.50 | 11.48 | 10.25 | 16.25 | 13.53 | 8.43 | 6.61 | 5.15 | 3.28 | 4.50 | 5.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Coachella 1** | 60479 | 60493 | ALTAM_4_CDWRA1 | Contract GWh | 7.06 | 6.35 | 14.11 | 12.6 | 0.92 | 14.44 | 11.08 | 10.38 | 7.06 | 6.08 | 3.05 | 3.50 | 8.5006023 | 5.4118077h | 5.2220899J | 7.5734232h | 8.5196809K | 7.7717267h | 7.2200B6 | 5.4660649J | 6.6677750H4 | 5.2578992J | 7.0950903J | 8.5824503J | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Colgate Powerhouse Unit 1** | | | COLGAT_1_UNIT 1 | Contract GWh | | | | | | | | 16.46 | 16 | 0 | | 20 | 25 | 25 | 20 | 25 | 0 | 0 | 0 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Colgate Powerhouse Unit 2** | | | COLGAT_2_UNIT 2 | Contract GWh | 36 | 32 | 32 | 16 | 12 | 14 | 28 | 32.92 | 22.5 | 0 | 5 | 20 | 0 | 0 | 7 | 0 | 5 | 10 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DELTA ENERGY CENTER AGGREGATE** | 60092 | 60093 | DELTA_2_PL1X3 | Contract GWh | 30 | 30 | 16 | 12 | 40 | 40 | 40 | 40 | 40 | 31 | 30 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DOUBLE "C" LIMITED** | 60176 | 60485 | DOUBLC_7_UNIT5 | Contract GWh | | | | | | | | 16.63 | 21.53 | 0 | 0 | 0.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **INDIGO PEAKER UNIT 1** | | | JENSEN_1_UNIT 1 | Contract GWh | | | | | | | | | 5 | 0.3 | 3.1 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **INDIGO PEAKER UNIT 2** | | | INDIGO_1_UNIT 2 | Contract GWh | | 35 | 3 | 0 | 0 | 35 | 0 | 31 | 27 | 24 | 30.3 | 35.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **INDIGO PEAKER UNIT 3** | | | INDIGO_1_UNIT 3 | Contract GWh | | 30 | 30 | 30 | 10 | 10 | 0 | | 5 | 42.5 | 42.5 | 25 | 22 | 22 | 25 | 22 | 22 | 22 | 42 | 42 | 42 | 42 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **LAKESPUR PEAKER UNIT 1** | | | LAKESP_6_UNIT 1 | Contract GWh | 30 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **LAKESPUR PEAKER UNIT 2** | | | LAKESP_6_UNIT 2 | Contract GWh | 20 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Pastoria Energy Facility** | 60797 | 60806 | LEBECH_2_UNIT3 | Contract GWh | 21 | 21 | 23 | 22 | 22 | 22 | 23 | 22 | 22 | 22 | 22 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Rosamond Aggregate** | 60055 | 60056 | ARLNGA_7_PL1X3 | Contract GWh | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **ROSE LANDING POWER BLOCK 1** | | | ROSELN_7_UNIT1 | Contract GWh | | | | | 30 | 30 | 30 | 27 | 31 | 28.5 | 30 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Rosamond Solar 2, LLC** | 60060 | 60061 | ARROYO_7_SOLAR2 | Contract GWh | 5.08 | 5.38 | 0 | 0 | 7.52 | 8.2 | 8.26 | 10.34 | 21.28 | 3.04 | 3.04 | 0 | 0.6 | 2.08 | 5.32 | 4.68 | 3.72 | 10.61 | 21.88 | 10.54 | 10.67 | 11.24 | 2.05 | 5.58 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **NOVAGOLD PLANT 1 UNIT 1** | | | ALTA_7_GPUNT | Contract GWh | 12.8 | 12.8 | 0 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Vista Vista Energy Center, LLC** | 60664 | 60665 | VISTA_7_PL1X4 | Contract GWh | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Zayim Zyme Solar** | 60080 | 60081 | ZYMESOL2_7_PL1N2 | Contract GWh | 10.76 | 0 | 0 | 0 | 0 | 0 | 10.76 | 6.88 | 6.88 | 6.88 | 6.88 | 10.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Argos Cogeneration** | 60017 | 60068 | SELKIR_7_UNIT1 | Contract GWh | 2.52 | 2.38 | 1.75 | 0 | 0 | 1.38 | 1.1 | 1.33 | 1.12 | 1.23 | 1.8 | 2.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **HIGH DESERT, LIMITED** | 60058 | 60096 | SIERRA_1_UNIT5 | Contract GWh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **SCE** | 60036 | 60179 | SENECA_6_PL1X3 | Contract GWh | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Golden Hills B** | | | GOLDHI2_7_WNDG1 | Contract GWh | 6.31 | 5.15 | 5 | 10.74 | 10.12 | 14.15 | 9.86 | 9.02 | 4.44 | 3.44 | 5.15 | 3.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Pacheco Hills** | 60221 | 60222 | GRANDV_7_WNDG1 | Contract GWh | 8.22 | 8.34 | 12.47 | 11.13 | 8.13 | 14.82 | 9.23 | 7.35 | 4.88 | 1.38 | 3.34 | 3.73 | 7.6664133 | 4.9990382 | 7.2219529 | 7.3445435B | 7.4513280 | 6.3790032 | 4.5742294 | 5.0379F123 | 4.5464G242 | 5.2022G31 | 7.5572G52 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Voyage Wind 2** | 60261 | 60262 | ROSAMP_6_UNIT1 | Contract GWh | 0.51 | 0 | 0.23 | 0.8 | 0 | 10.85 | 4.03 | 5.07 | 2.46 | 0.51 | 0.38 | 1.22 | 11.1630276 | 11.8126K3H | 10.4213M0Y5 | 9.8941133 | 10.4277M7A | 9.7410B1Y | 3.0579G0B | 8.5771B8H6 | 7.1341H0B | 8.5955B13K | 2.9B2G0-U4 | 10.7B6B111 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Whitewater Hill Wind Project** | 60281 | 60291 | WWHDL_7_WNDG1 | Contract GWh | 8.81 | 7.38 | 17.24 | 15.36 | 13.38 | 20.3 | 12.13 | 12.92 | 9.53 | 4.83 | 7.38 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | NQC MW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

State of California
California Energy Commission
**ELECTRICITY RESOURCE PLANNING FORMS**
**CEC Form S-5: Bilateral Contracts Table**
Do not delete any rows or columns or change headers.
Shell Energy North America

Yellow fills indicate confidentiality is being requested pursuant to Appendix A.

| S-2 line | Contract Name: | Supplier / Seller: | Unit Contingent: | Generating Unit(s) Specified | Supply Resoucre(s) Delivery Zone/Point | Contract Start Date | Contract Expiration Date | Capacity (MW) Under Contract: | Contract / Agreement Products |
|---|---|---|---|---|---|---|---|---|---|
| 6b | | | | | | | | | |
| 6c | | | | | | | | | |
| 6d | Wind, 2018 Coachella | Coachella Hills Wind, LLC | Unit Contingent | Coachella 1; Painted Hills | CISO | 4/14/2021 | 4/13/2036 | 94.94 | Available Energy |
| 6d | Solar, 2019 Mav7 | Maverick Solar 7, LLC | Unit Contingent | Maverick Solar 7 | CISO | 1/1/2022 | 12/31/2036 | 132 | Available Energy |
| 6d | Wind, 2017 Voyager Wi | Voyager Wind II, LLC | Unit Contingent | Voyager Wind 2 | CISO | 12/19/2018 | 12/18/2030 | 130 | Available Energy |
| 6d | Solar, 2018 Maveric | Maverick Solar 4, LLC | Unit Contingent | Almasol Generating Station 4 | CISO | 12/11/2020 | 12/31/2035 | 100 | Available Energy |
| | | | | | | | | | |
| 7b | | | | | | | | | |
| 7c | CRLL_ALMAS4 | City of Anaheim Public Utilities | Unit Contingent | Almasol Generating Station 4 | CISO | 1/1/2022 | 11/30/2022 | 14 | Resource Adequacy Only |
| 7d | CRLL_ALMAS7 | City of Banning | Unit Contingent | Almasol Generating Station 7 | CISO | 2/1/2022 | 11/30/2022 | 18.48 | Resource Adequacy Only |
| 7e | CRLL_CABZON1 | TGP Energy Management | Unit Contingent | Cabazon Wind Project | CISO | 1/1/2022 | 12/31/2022 | 6.15 | Resource Adequacy Only |
| 7e | CRLL_COAWD | Coachella Hills Wind LLC | Unit Contingent | Coachella 1 | CISO | 1/1/2022 | 12/31/2022 | 7.56 | Available Energy |
| 7e | CRLL_COLGAT2 | Yuba County Water Agency | Unit Contingent | Colgate Powerhouse Unit 2 | CISO | 1/1/2022 | 12/31/2022 | 30 | Resource Adequacy Only |
| 7e | CRLL_DELTA_ | California Choice Energy Authority | Unit Contingent | DELTA ENERGY CENTER AGGREGATE | CISO | 1/1/2022 | 12/31/2022 | 40 | Resource Adequacy Only |
| 7e | CRLL_GATWAY | Pacific Gas and Electric Company | Unit Contingent | GATEWAY GENERATING STATION | CISO | 1/1/2022 | 12/31/2022 | 75 | Resource Adequacy Only |
| 7e | CRLL_HELMPG | Peninsula Clean Energy Authority | Unit Contingent | HELMS PUMP-GEN UNIT 3 | CISO | 5/1/2022 | 9/30/2022 | 25 | Resource Adequacy Only |
| 7e | CRLL_HUMBPP | Pacific Gas and Electric Company | Unit Contingent | Humboldt Bay Generating Station 1 | CISO | 1/1/2022 | 12/31/2022 | 5 | Resource Adequacy Only |
| 7e | CRLL_INDIGO2 | Wildflower Energy LP | Unit Contingent | INDIGO PEAKER UNIT 2 | CISO | 1/1/2022 | 12/31/2022 | 21 | Resource Adequacy Only |
| 7e | CRLL_LARKSP1 | Wildflower Energy LP | Unit Contingent | LARKSPUR PEAKER UNIT 1 | CISO | 1/1/2022 | 12/31/2022 | 46 | Resource Adequacy Only |
| 7e | CRLL_LARKSP2 | Wildflower Energy LP | Unit Contingent | LARKSPUR PEAKER UNIT 2 | CISO | 1/1/2022 | 12/31/2022 | 46 | Resource Adequacy Only |
| 7e | CRLL_LEBECS | Calpine Energy Services | Unit Contingent | Pastoria Energy Facility | CISO | 1/1/2022 | 12/31/2022 | 23 | Resource Adequacy Only |
| 7e | CRLL_MALAGA | City of San Jose | Unit Contingent | Malaga Power Aggregate | CISO | 1/1/2022 | 12/31/2022 | 5.6 | Resource Adequacy Only |
| 7e | CRLL_MOSSL2 | Dynegy Marketing and Trade | Unit Contingent | MOSS LANDING POWER BLOCK 2 | CISO | 5/1/2022 | 12/31/2022 | 40 | Resource Adequacy Only |
| 7e | CRLL_MSOLAR | Western Area Power Administration, Desert Southwest Region | Unit Contingent | Mesquite Solar 3, LLC | CISO | 1/1/2022 | 11/30/2022 | 21.28 | Resource Adequacy Only |
| 7e | CRLL_NCPA11 | The Stockton Port District | Unit Contingent | NCPA GEO PLANT 1 UNIT 1 | CISO | 1/1/2022 | 12/31/2022 | 12.9 | Resource Adequacy Only |
| 7e | CRLL_OTAY | Wellhead Power Exchange | Unit Contingent | Chula Vista Energy Center, LLC | CISO | 1/1/2022 | 12/31/2022 | 35.5 | Resource Adequacy Only |
| 7e | CRLL_PARDEB | Calpine Energy Services | Unit Contingent | Pardee Power House | CISO | 1/1/2022 | 12/31/2022 | 14.96 | Resource Adequacy Only |
| 7e | CRLL_SCHLTE | Marin Clean Energy | Unit Contingent | Tracy Combined Cycle Power Plant | CISO | 1/1/2022 | 12/31/2022 | 10 | Resource Adequacy Only |
| 7e | CRLL_SEARLS | Searles Valley Minerals | Unit Contingent | Argus Cogeneration | CISO | 1/1/2022 | 12/31/2022 | 1.14 | Resource Adequacy Only |
| 7e | CRLL_SIERRS | EDF Trading North America | Unit Contingent | HIGH SIERRA LIMITED | CISO | 1/1/2022 | 12/31/2022 | 6 | Resource Adequacy Only |
| 7e | CRLL_TERMEX | Exelon Generation Company | Unit Contingent | TDM | CISO | 1/1/2022 | 12/31/2022 | 60 | Resource Adequacy Only |
| 7e | CRLL_USWND2 | Google Energy | Unit Contingent | Golden Hills B | CISO | 1/1/2022 | 12/31/2022 | 6.44 | Resource Adequacy Only |
| 7e | CRLL_VENWD | Coachella Hills Wind LLC | Unit Contingent | Painted Hills | CISO | 1/1/2022 | 12/31/2022 | 6.68 | Resource Adequacy Only |
| 7e | CRLL_VOYAGR | Voyager Wind II LLC | Unit Contingent | Voyager Wind 2 | CISO | 3/1/2022 | 12/31/2022 | 9.48 | Available Energy |
| 7e | CRLL_WHTWTR | TGP Energy Management | Unit Contingent | Whitewater Hill Wind Project | CISO | 1/1/2022 | 12/31/2022 | 9.23 | Resource Adequacy Only |