| DOCKETED |  |
| ---: | :--- |
| Docket Number: | 22-IEPR-03 |
| Project Title: | Electricity Forecast |
| TN \#: | 246133 |
| Document Title: | Eastside PA 2022 IEPR Filing PDF |
| Description: | N/A |
| Filer: | Tracy Silva |
| Organization: | Eastside Power Authority |
| Submitter Role: | Applicant |
| Submission Date: | $9 / 16 / 2022$ 10:08:27 AM |
| Docketed Date: | $9 / 16 / 2022$ |


| Name of Load Serving Entity ("LSE") | Eastside Power Authority |
| :--- | :--- |
| Name of Resource Planning Coordinator | Cori Bradley |


| Persons who prepared Supply Forms | S-1 Requirement | S-2 Supply | S-2 Addendum | S-3 Small POU Hourly Loads | S-5 Bilateral Contracts |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Name: | Cori Bradley | Cori Bradley | Cori Bradley | Cori Bradley | Cori Bradley |
| Title: | Resource Director | Resource Director | Resource Director | Resource Director | Resource Director |
| E-mail: | cori@eastsidepa.org | cori@eastsidepa.org | cori@eastsidepa.org | cori@eastsidepa.org | cori@eastsidepa.org |
| Telephone: | 916-405-8923 | 916-405-8923 | 916-405-8923 | 916-405-8923 | 916-405-8923 |
| Address: | 3100 Zinfandel Drive, Ste. 300 | 3100 Zinfandel Drive, Ste. 300 | 3100 Zinfandel Drive, Ste. 300 | 3100 Zinfandel Drive, Ste. 300 | 3100 Zinfandel Drive, Ste. 300 |
| Address 2: |  |  |  |  |  |
| City: | Rancho Cordova | Rancho Cordova | Rancho Cordova | Rancho Cordova | Rancho Cordova |
| State: | CA | CA | CA | CA | CA |
| Zip: | 95670 | 95670 | 95670 | 95670 | 95670 |
| Date Completed: | 8/16/2022 | 8/16/2022 | 8/16/2022 | 8/16/2022 | 8/16/2022 |
| Date Updated by LSE: |  |  |  |  |  |
| Back-up / Additional Contact Persons for Questions about these Forms (Optional): |  |  |  |  |  |
| Name: | Tracy Silva | Tracy Silva | Tracy Silva | Tracy Silva | Tracy Silva |
| Title: | Staff Analyst | Staff Analyst | Staff Analyst | Staff Analyst | Staff Analyst |
| E-mail: | tracy@eastsidepa.org | tracy@eastsidepa.org | tracy@eastsidepa.org | tracy@eastsidepa.org | tracy@eastsidepa.org |
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| Address 2: |  |  |  |  |  |
| City: | Rancho Cordova | Rancho Cordova | Rancho Cordova | Rancho Cordova | Rancho Cordova |
| State: | CA | CA | CA | CA | CA |
| Zip: | 95670 | 95670 | 95670 | 95670 | 95670 |


| Application for Confidentiality |
| :--- |
| Cori Bradley |
| Resource Director |
| cori@eastsidepa.org |
| 916-405-8923 |
| 3100 Zinfandel Drive, Ste. 300 |
|  |
| Rancho Cordova |
| CA |
| 95670 |
| $8 / 16 / 2022$ |
|  |

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State of California
California Energy Commission

## ELECTRICITY RESOURCE PLANNING FORMS

CEC S-1 Capacity/Energy Requirement Form
Eastside Power Authority
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 | 12 | 8 | 8 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 2a | ESP Demand: Existing Customer Contracts | 12 | 8 | 8 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 2b | Lor Dentanu. INew almurenteweu |  |  |  |  |  |  |  |  |  |  |  |  |
| 2c | ESP Demand in PG\&E service area |  |  |  |  |  |  |  |  |  |  |  |  |
| 2d | ESP Demand in SCE service area | 12 | 8 | 8 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 2 e | ESP Demand in SDG\&E service area |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Additional Achievable Energy Efficiency (-) |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | ventiana Respolise, milentuplive riogians |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Adjusted Demand: End-Use Customers | 12 | 8 | 8 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 6 | Coincidence Adjustment (-) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| 7 | Coincident Peak-Hour Demand | 11 | 7 | 7 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 8 | Required Planning Reserve Margin | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 9 | Credit for Imports That Carry Reserves (-) | 0 | 0 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |
| 10 | Firm Sales Obligations |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | Firm LSE Procurement Requirement | 12 | 8 | 3 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |


| line | Limergy Trocurememineyumentent |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ENERGY DEMAND CALCULATIONS | (Actual Load) | (Actual Load) | (Forecast L |  |  |  |  |  |  |  |  |  |
| 12 | rotecast tolat CIEIgy Demmatul | 32 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 13a | ESP Demand: Existing Customer Contracts | 32 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 13b | Lor Demrantu. vew allu renteveu |  |  |  |  |  |  |  |  |  |  |  |  |
| 13c | ESP Demand in PG\&E service area |  |  |  |  |  |  |  |  |  |  |  |  |
| 13d | ESP Demand in SCE service area | 32 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 13 e | ESP Demand in SDG\&E service area |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | Additional Achievable Energy Efficiency (-) |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Adjusted Demand: End-Use Customers | 32 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 17 | Firm Sales Obligations |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | Firm LSE Procurement Requirement | 32 | 25 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |


|  |  | MW | MW |
| :---: | :--- | ---: | ---: |
| line | Historic LSE Peak Load: | Year 2020 | Year 2021 |
| 19 | Annual Peak Load / Actual Metered <br> Deliveries | 11.6 | 7.4 |
| 20 | Date of Peak Load for Annual Peak <br> Deliveries | $8 / 18 / 20$ | $7 / 8 / 21$ |
| 21 | Hour Ending for Annual Peak Deliveries | 13 | 18 |


| line | Capacity Procurment Requirement (MW) | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 22 | Interruptible Load called on during that hour (+) |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | Self-Generation and DG Adjustments |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | Adjustments for Major Outages | 11.6 | 7.4 |  |  |  |  |  |  |  |  |  |  |

## Lines Notes 9 WAPA Contract

|  | CAPACITY SUPPLY RESOURCES (MW) | Plant/Unit Identifier- CEC ID | Plant/Unit Identifier- EIA ID | Plant/Unit IdentifierCAISO ID | Fuel Type | Nameplate Capacity | BA | Latitude |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1a | Total Fossil Fuel Supply |  |  |  |  |  |  |  |
| 1b |  |  |  |  |  |  |  |  |
| 1c |  |  |  |  |  |  |  |  |
| 1d |  |  |  |  |  |  |  |  |
| 2a | Total Nuclear Supply |  |  |  |  |  |  |  |
| 2b |  |  |  |  |  |  |  |  |
| 2c |  |  |  |  |  |  |  |  |
| 3a | Total Hydroelectric Supply |  |  |  |  |  |  |  |
| 3b | Hydro Supply from Plants 30 MW or more |  |  |  |  |  |  |  |
| 3c | Hydro Supply from Plants Less than 30 MW |  |  |  |  |  |  |  |
| 4a | Total Utility-Controlled Renewable Supply |  |  |  |  |  |  |  |
| 4b | HYBRID RESOURCE |  |  |  |  |  |  |  |
| 4c | Solar |  |  |  |  |  |  |  |
| 4d | Battery |  |  |  |  |  |  |  |
| 5a | Total Qualifying Facility (QF) Contract Supply |  |  |  |  |  |  |  |
| 5b | Biofuels |  |  |  |  |  |  |  |
| 5c | Geothermal |  |  |  |  |  |  |  |
| 5d | Small Hydro |  |  |  |  |  |  |  |
| 5 e | Solar |  |  |  |  |  |  |  |
| 5 f | Wind |  |  |  |  |  |  |  |
| 5 g | Natural Gas |  |  |  |  |  |  |  |
| 5h | Other - WAPA Hydro - large and small | multiple | multiple | multiple | Large | various | BANC |  |
| 6a | Total Renewable Contract Supply |  |  |  |  |  |  |  |
| 6b | Solar: NextEra Whitney Point Solar | S0564 | 60619 | WHITNY_6_SOLA | Solar PV | 20 | CAISO | 36.3769 |
| 6c | Solar: Planned PPA |  |  |  | Solar PV |  | CAISO |  |
| 6d |  |  |  |  |  |  |  |  |
| 6 e | Renewable DG Supply |  |  |  |  |  |  |  |
| 7a | Total Other Bilateral Contract Supply |  |  |  |  |  |  |  |
| 7b |  |  |  |  |  |  |  |  |
| 7c |  |  |  |  |  |  |  |  |
| 7d |  |  |  |  |  |  |  |  |
| 7e |  |  |  |  |  |  |  |  |
| 7g | Running Total of Unbundled RECs (GWh in Energy Table only) |  |  |  |  |  |  |  |
| 7h | Shell |  |  |  |  |  |  |  |
| 8 | Short-Term and Spot Market Purchases (and Sales) |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

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

| Longitude | Storage Duration Hours | Monthly Data | Incremental Capacity Addition | $\begin{gathered} 2020 \\ \text { (Actual Capacity) } \end{gathered}$ | (Actual Capacity) | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1 \| Check | 1 \| Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | \|v| Check | 1 \| Check | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|  |  |  |  | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| -120.138 |  | \|v| Check | \| | Check | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  |  | \|v| Check | \| | Check |  |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 11 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Check | 7 Check |  |  |  |  |  |  |  |  |  |  |  |
|  |  | \\| Check | 11 Check | 15 | 15 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | \|1 Check | 11 Check |  |  |  |  |  |  |  |  |  |  |  |



|  | CAPACITY/ENERGY BALANCE SUMMARY |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | Total: Existing and Planned Supply |  |  |  |  |  |  |  |
| 10 | Firm LSE Procurement Requirement |  |  |  |  |  |  |  |
| 11 | Net Surplus (or Need) |  |  |  |  |  |  |  |
| 12 | Generic Renewable Supply |  |  |  |  |  |  |  |
| 13 | Generic Non-Renewable Resources |  |  |  |  |  |  |  |
| 14 | Specified Planning Reserve Margin |  |  |  |  |  |  |  |


| Lines |
| :---: |
| $x$ |


| x |
| :---: |
| x |



|  |  |  |  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 23.6 | 17.3 | 11.3 | 17.2 | 25.3 | 23.7 | 23.6 | 23.4 | 23.3 | 23.1 | 23.0 | 22.8 |
| 32.4 | 25.2 | 25.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| $(8.8)$ | $(7.9)$ | $(13.7)$ | $(12.8)$ | $(4.7)$ | $(6.3)$ | $(6.4)$ | $(6.6)$ | $(6.7)$ | $(6.9)$ | $(7.0)$ | $(7.2)$ |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

State of California
California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS

Please copy more rows below as needed

| Resource Name | Plant/Unit Identifier- CEC ID | Plant/Unit Identifier- EIA ID | Plant/Unit IdentifierCAISO ID |  | $\begin{aligned} & 2022- \\ & 1 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 2 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 3 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 7 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 8 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 9 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2022- \\ & 11 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other - WAPA Hydro - large and small | various | various | various | Contract GWh | 0.0 | 0.2 | 0.4 | 0.5 | 0.8 | 0.8 | 1.0 | 0.8 | 0.6 | 0.5 | 0.2 |
|  |  |  |  | NQC MW | 1 | 1 | 1 | 2 | 4 | 5 | 5 | 5 | 4 | 4 | 1 |
| Solar: NextEra Whitney Point Solar | S0564 | 60,619 | WHITNY_6_SOLAR | Contract GWh | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.7 | 0.6 | 0.6 | 0.4 | 0.4 | 0.3 |
|  |  |  |  | NQC MW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Solar: Planned PPA | n/a | n/a | n/a | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |


| $\begin{aligned} & 2022- \\ & 12 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 1 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 2 \end{aligned}$ | $\begin{array}{\|l} 2023- \\ 3 \end{array}$ | $\begin{aligned} & 2023- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 7 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 8 \end{aligned}$ | $\begin{aligned} & \text { 2023- } \\ & 9 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 11 \end{aligned}$ | $\begin{aligned} & 2023- \\ & 12 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 1 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 2 \end{aligned}$ | ${ }_{3}^{2024-}$ | $\begin{aligned} & 2024- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 7 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 8 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 9 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 11 \end{aligned}$ | $\begin{aligned} & 2024- \\ & 12 \end{aligned}$ | 2025- |
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| 0.0 | 0.1 | - | 0.6 | 0.9 | 1.2 | 2.1 | 2.6 | 2.1 | 1.2 | 0.9 | - | 0.0 | - | - | 0.6 | 1.6 | 2.7 | 3.4 | 3.3 | 3.2 | 1.8 | 2.1 | 1.1 | 0.5 | 0.0 |
| 1 | 1 | 1 | 1 | 2 | 4 | 5 | 5 | 5 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 5 | 5 | 5 | 4 | 4 | 1 | 1 | 1 |
| 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.4 | 0.5 | 0.6 | 0.7 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.1 | 0.2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| $\begin{aligned} & 2025- \\ & 2 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 3 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 7 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 8 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 9 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 11 \end{aligned}$ | $\begin{aligned} & 2025- \\ & 12 \end{aligned}$ | $\begin{aligned} & 2026- \\ & 1 \end{aligned}$ | $2^{2026-}$ | ${ }_{3}^{2026-}$ | $\begin{aligned} & 2026- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2026- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2026- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2026- \\ & 7 \end{aligned}$ | $\begin{aligned} & \text { 2026- } \\ & 8 \end{aligned}$ | $\begin{aligned} & \text { 2026- } \\ & 9 \end{aligned}$ | $\begin{aligned} & 2026- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2026- \\ & 11 \end{aligned}$ | $\begin{aligned} & 2026- \\ & 12 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 1 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 2 \end{aligned}$ | ${ }_{3}^{2027-}$ |
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| - | 0.6 | 1.3 | 1.9 | 2.8 | 3.0 | 2.6 | 1.5 | 1.5 | 0.5 | 0.2 | 0.0 | - | 0.6 | 1.3 | 1.9 | 2.8 | 3.0 | 2.6 | 1.5 | 1.5 | 0.5 | 0.2 | 0.0 | - | 0.6 |
| 1 | 1 | 2 | 4 | 5 | 5 | 5 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 5 | 5 | 5 | 4 | 4 | 1 | 1 | 1 | 1 | 1 |
| 0.4 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.1 | 0.2 | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.1 | 0.2 | 0.3 | 0.4 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| $\begin{aligned} & 2027- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 7 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 8 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 9 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 11 \end{aligned}$ | $\begin{aligned} & 2027- \\ & 12 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 1 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 2 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 3 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 7 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 8 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 9 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2028-1 \\ & 11 \end{aligned}$ | $\begin{aligned} & 2028- \\ & 12 \end{aligned}$ | 2029- | $\begin{aligned} & 2029- \\ & 2 \end{aligned}$ | $\begin{aligned} & 2029- \\ & 3 \end{aligned}$ | $\begin{aligned} & 2029- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2029- \\ & 5 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.3 | 1.9 | 2.8 | 3.0 | 2.6 | 1.5 | 1.5 | 0.5 | 0.2 | 0.0 | - | 0.6 | 1.3 | 1.9 | 2.8 | 3.0 | 2.6 | 1.5 | 1.5 | 0.5 | 0.2 | 0.0 | - | 0.6 | 1.3 | 1.9 |
| 2 | 4 | 5 | 5 | 5 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 5 | 5 | 5 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 4 |
| 0.5 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| $\begin{aligned} & 2029- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2029- \\ & 7 \end{aligned}$ | $\begin{aligned} & \text { 2029- } \\ & 8 \end{aligned}$ | $\begin{aligned} & \text { 2029- } \\ & 9 \end{aligned}$ | $\begin{aligned} & 2029- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2029- \\ & 11 \end{aligned}$ | $\begin{aligned} & 2029- \\ & 12 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 1 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 2 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 3 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 7 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 8 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 9 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 10 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 11 \end{aligned}$ | $\begin{aligned} & 2030- \\ & 12 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 1 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 2 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 3 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 4 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 5 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 6 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 7 \end{aligned}$ |
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| 2.8 | 3.0 | 2.6 | 1.5 | 1.5 | 0.5 | 0.2 | 0.0 | - | 0.6 | 1.3 | 1.9 | 2.8 | 3.0 | 2.6 | 1.5 | 1.5 | 0.5 | 0.2 | 0.0 | - | 0.6 | 1.3 | 1.9 | 2.8 | 3.0 |
| 5 | 5 | 5 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 5 | 5 | 5 | 4 | 4 |  | 1 | 1 | 1 | 1 | 2 | 4 | 5 | 5 |
| 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 | 0.5 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| $\begin{aligned} & 2031- \\ & 8 \end{aligned}$ | 2031- | $\begin{aligned} & 2031-10 \\ & 10 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 11 \end{aligned}$ | $\begin{aligned} & 2031- \\ & 12 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2.6 | 1.5 | 1.5 | 0.5 | 0.2 |
| 5 | 4 | 4 | 1 | 1 |
| 0.5 | 0.4 | 0.3 | 0.2 | 0.1 |
| 0 | 0 | 0 | 0 | 0 |
| 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| 0 | 0 | 0 | 0 | 0 |
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|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |







|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | Contract GWh |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | NQC MW |  |  |  |  |  |  |  |  |  |  |  |
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State of California
California Energy Commission

## ELECTRICITY RESOURCE PLANNING FORMS

CEC Form S-3: 2021 SMALL POU HOURLY LOADS
Eastside Power Authority
For Publicly Owned LSEs with Annual Peak Loads under 200 MW not submitting demand forms
If load is reported for more than one LSE, load for each LSE should be reported in a separate column Report actual hourly demand in calendar year 2021, in megawatts, for each hour of each day.

Begin with the hour that ended at 1 a.m. on January 1, 2021.
Show the load measured at the balancing authority load take-out point (or points).
Add columns for any additional metered take-out points.
The time basis should be Pacific Standard Time (PST) throughout the entire year.
Adjustments for spring and fall daylight saving time have already been included in the form below.

| Total MWh | 25,188 |
| :---: | ---: |
| Maximum | 8 |
| Average | 3 |
| Minimum | 0 |


| Date (PST) | Hour Ending <br> (PST) | Recorded Demand at Take Out (MW) |
| ---: | :---: | ---: |
| $1 / 1 / 2021$ | 1 | 0.19 |
| $1 / 1 / 2021$ | 2 | 0.18 |
| $1 / 1 / 2021$ | 3 | 0.18 |
| $1 / 1 / 2021$ | 4 | 0.18 |
| $1 / 1 / 2021$ | 5 | 0.18 |
| $1 / 1 / 2021$ | 6 | 0.18 |
| $1 / 1 / 2021$ | 7 | 0.18 |
| $1 / 1 / 2021$ | 8 | 0.18 |
| $1 / 1 / 2021$ | 9 | 0.22 |
| $1 / 1 / 2021$ | 10 | 0.24 |
| $1 / 1 / 2021$ | 11 | 0.20 |
| $1 / 1 / 2021$ | 12 | 0.18 |
| $1 / 1 / 2021$ | 13 | 0.21 |
| $1 / 1 / 2021$ | 14 | 0.20 |
| $1 / 1 / 2021$ | 15 | 0.17 |
| $1 / 1 / 2021$ | 16 | 0.17 |
| $1 / 1 / 2021$ | 17 | 0.17 |
| $1 / 1 / 2021$ | 18 | 0.18 |
| $1 / 1 / 2021$ | 19 | 0.18 |
| $1 / 1 / 2021$ | 20 | 0.18 |


| $1 / 1 / 2021$ | 21 | 0.18 |
| ---: | :---: | ---: |
| $1 / 1 / 2021$ | 22 | 0.18 |
| $1 / 1 / 2021$ | 23 | 0.18 |
| $1 / 1 / 2021$ | 24 | 0.21 |
| $1 / 2 / 2021$ | 1 | 0.20 |
| $1 / 2 / 2021$ | 2 | 0.17 |
| $1 / 2 / 2021$ | 3 | 0.17 |
| $1 / 2 / 2021$ | 4 | 0.17 |
| $1 / 2 / 2021$ | 5 | 0.17 |

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.
Eastside Power Authority
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 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6b | Solar: NextEra Whitney Point Solar | Nextera | Unit Contingent: | Whitney Point Solar | TH_NP15 |
| 6c | Solar: Planned PPA | TerraGen | Unit Contingent: | New Solar under Negotiation | TH_SP15 |
| 5h | Other - WAPA Hydro - large and small | WAPA | Unit Contingent: | Various | Import at Tracy |
| 7h | Shell | Shell | various | various | SP15 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |


| Contract Start <br> Date | Contract Expiration <br> Date | Capacity (MW) Under <br> Contract: | Contract / Agreement <br> Products |
| ---: | ---: | ---: | :--- |
| $1 / 1 / 2017$ | $12 / 31 / 2036$ |  | 2 PPA |
| $5 / 1 / 2025$ | $6 / 30 / 2040$ |  | 1 |
| $1 / 1 / 2005$ | $12 / 31 / 2024$ | percent output |  |
| $1 / 1 / 2020$ | $12 / 31 / 2021$ |  | 15 |
|  |  |  |  |
|  |  |  |  |
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