

**TERMS OF REFERENCE (TOR)
for the Conduct of Competitive Selection Process (CSP)
by Camarines Norte Electric Cooperative, Inc. (CANORECO)
for its Base and Intermediate Load Requirements**

1. Introduction

CANORECO is conducting CSP for the base and intermediate load requirements of Mainland Camarines Norte.

This TOR is issued in compliance with Section 8.4.1 of the "Policy for the Competitive Selection Process in the Procurement by the Distribution Utilities of Power Supply Agreement for the Captive Market" issued under DOE Circular No. DC2018-02-0003.

2. Supply Contract and Cooperation Period

2.1. CANORECO will sign a PSA with the winning Power Supplier, the commercial operations date (COD) of which shall be 0000H 26 December 2021.

2.2. Valid for fifteen (15) years, the PSA shall hold until 25 December 2036.

3. Basic Terms

3.1. List of Acronyms

AEOT	Actual Energy Offtake
CANORECO	Camarines Norte Electric Cooperative, Inc.
COD	Commercial Operations Date
CSP	Competitive Selection Process
CRF	Capital Recovery Fee
CPI	Consumer Price Index
DOE	Department of Energy
DU	Distribution Utility
ERC	Energy Regulatory Commission
FOM	Fixed O&M Fee
FF	Fuel Fee
GenCo	Generation Company
MEOT	Minimum Energy Offtake
NGCP	National Grid Corporation of the Philippines
OED	Operations Efficiency Discount
PPD	Prompt Payment Discount
PSA	Power Supply Agreement
RES	Retail Electricity Supplier
TOR	Terms of Reference
VOM	Variable O&M Fee
WESM	Wholesale Electricity Spot Market

3.2. Source of Generation

3.2.1. Under normal conditions, the winning Power Supplier shall supply CANORECO's requirements from a single Power Plant which it shall indicate in its bid.

3.2.2. The CSP shall be technology-neutral such that the Power Plant's energy resource shall not be constrained to be of a certain fuel type.

3.2.3. The delivery and metering point shall be at the Plant Gate.

3.3. Contract Quantities

3.3.1. CANORECO's monthly contracted capacity in MW and corresponding monthly **MEOT** in kWh shall be as shown in Annex "A".

3.3.2. Monthly **MEOT** shall be reduced accordingly upon occurrence of Force Majeure events and transmission-side outages.

3.3.3. Monthly **MEOT** shall be reduced accordingly in cases where the Power Plant is unavailable and the winning Power Supplier failed to provide Replacement Power.

3.3.4. As applicable, monthly **MEOT** shall be reduced by pro-rating based on deductible hours and Billing Month hours, as follows:

$$MEOT_{reduced} = MEOT_{original} \times \left(1 - \frac{h_{ded}}{h_{BM}}\right)$$

3.3.5. CANORECO shall be billed according to **MEOT** or **AEOT**, whichever is larger.

3.4. Incidental Expenditures

3.4.1. The winning Power Supplier shall reimburse the cost of load flow study and publication in newspaper/s of general circulation within the Philippines conducted for the purpose of the subject CSP.

3.4.2. All costs of jointly filing the PSA application to ERC shall be borne by the winning Power Supplier.

3.5. Guaranteed Service

3.5.1. The winning Power Supplier shall maintain 24-hour availability of contract quantities to CANORECO.

3.5.2. Should the Power Plant be unable to supply CANORECO's requirements fully or partially for any reason, the winning Power Supplier shall immediately provide Replacement Power from any other of its generation facilities, or from other GenCos, or from WESM, while observing the same or lower rates.

3.5.3. The winning Power Supplier shall be subjected to an hourly penalty rate of eight pesos (Php8.00) for every kWh of supply it was unable to provide to CANORECO for

any reason. The total amount shall be used to offset charges or paid directly to CANORECO as deemed appropriate by CANORECO.

3.5.4. Upon COD, any accumulated period of material non-performance, which consists of failure to deliver contracted quantities for at least two (2) months within the immediately preceding six (6) months, which is not due to Force Majeure events, shall be sufficient grounds for possible termination of the PSA by CANORECO.

3.6. Payment

3.6.1. The monthly payment due shall be given by the sum **CRF** + **FOM** + **VOM** + **FF** less **PPD** and **OED**, multiplied by **MEOT** or **AEOT**, whichever is larger, plus Taxes.

3.6.2. **CRF** shall be in P/kWh, shall be fixed throughout the life of the PSA, and shall not be subject to indexation.

3.6.3. **FOM** and **VOM** shall be in P/kWh and shall be adjusted according to monthly CPI for All Income Households in the Philippines (All Items, 2012 = 100) as indicated in the website of the Philippine Statistics Authority (www.psa.gov.ph) using the value at the time of PSA signing as base:

$$FOM = FOM_{base} \times \frac{CPI_{month}}{CPI_{base}}$$

$$VOM = VOM_{base} \times \frac{CPI_{month}}{CPI_{base}}$$

3.6.4. **FF** shall be in P/kWh and, following a methodology set by CANORECO, shall be calculated as the product of **NHR** and **FC** divided by **CV** to reflect the actual fuel cost attributable to CANORECO.

3.6.4.1. **NHR** or the representative net heat rate in BTU/kWh is the ratio of the input heat from the fuel to the output electrical energy as measured from the Plant Gate. **NHR** shall be derived from a heat rate test conducted within the last three hundred sixty (360) days by a qualified third party tester approved by CANORECO, with CANORECO as witness, and paid for by the winning Power Supplier.

3.6.4.2. **FC** or the fuel cost in P/unit shall be the total cost of fuel inclusive of hauling charges divided by the quantity of fuel delivered to the Power Plant, as evidenced by official receipts of the latest delivery of fuel.

3.6.4.3. **CV** shall be the calorific value in BTU/unit for the latest delivery of fuel to the Power Plant as evidenced by a certificate of analysis or equivalent.

3.6.4.4. Alternatively, if the sales contract for fuel is on a P/kWh, P/BTU, or P/PJ basis, or equivalent, **FF** may be derived directly from official receipts of the latest delivery to the Power Plant and/or **NHR** as applicable. Further, in some cases, **FF** may be equal to zero.

3.6.5. To reduce the generation charge passed on to CANORECO's captive customers, full payment made on or before the twenty-seventh (27th) day of the month upon receipt of invoice shall entitle CANORECO to a **PPD** in P/kWh not lower than three percent (3%) of the sum **CRF + FOM + VOM**, provided that CANORECO has no overdue payables. Bids shall take **PPD** into account and in no case shall the submitted bids or approved rates be increased.

3.6.6. CANORECO shall be entitled to an **OED** of 0.0977 P/kWh if the average system loss does not exceed 13%, the collection efficiency is not lower than 90%, and the load factor is not lower than 60%.

3.6.7. All payments shall be in Philippine Pesos (PhP).

3.7. Unbundled Tariff Components

3.7.1. The proposed Power Supplier Rate shall be broken down into unbundled tariff components as follows:

Component	Unit
Capital Recovery Fee (CRF)	P/kWh
Fixed O&M Fee (FOM)	P/kWh
Variable O&M Fee (VOM)	P/kWh
Fuel Fee (FF)	P/kWh
= Net Heat Rate (NHR)	BTU/kWh
x Fuel Cost (FC)	P/unit
÷ Calorific Value (CV)	BTU/unit
Taxes	P/kWh

3.7.2. For the purpose of evaluation of bids, **FF** shall be set as the product of **NHR** and **FC** divided by **CV**.

3.7.2.1. The value to be used for **NHR** in the evaluation shall be that for a condition where all generating units (excluding black start units) are running at 90% generation capacity based on nameplate rating, and all necessary in-house loads are in operation, as evidenced by a net heat rate test conducted not more than one hundred eighty (180) days from submission. Polynomial interpolation may be applied between loading levels as necessary. Results of gross heat rate tests shall not be accepted. **NHR** shall be conducted by a qualified third party tester approved by CANORECO and paid for by the prospective Power Supplier.

3.7.2.2. The value to be used for **FC** in the evaluation shall be the total cost of fuel inclusive of hauling charges divided by the quantity of fuel delivered to the Power Plant, as evidenced by official receipts of the latest delivery of fuel.

3.7.2.3. The value to be used for **CV** in the evaluation shall be the calorific value for the latest delivery of fuel to the Power Plant as evidenced by a Certificate of Analysis or its equivalent.

3.7.2.4. If the Power Plant is yet to be constructed, the values for **NHR**, **FC**, and **CV** shall be supported by supplier guarantees and detailed estimates.

3.7.2.5. Alternatively, if the sales contract for fuel is on a **P/kWh**, **P/BTU**, or **P/PJ** basis, or equivalent, **FF** may be derived directly from official receipts of the latest fuel delivery to the Power Plant and/or **NHR** as applicable. In some cases, **FF** may be equal to zero.

3.7.3. **PPD** and other applicable discounts shall be set to zero for the purpose of evaluation of bids.

4. Pre-qualification and Selection

4.1. Whether operational or yet to be completed, the Power Plant shall have a minimum dependable Grid-connected generation capacity of 63 MW for a prospective Power Supplier to pre-qualify.

4.2. Prospective Power Suppliers shall have no unfulfilled financial obligations to counterparties under other PSAs to pre-qualify.

4.3. The pre-qualified prospective Power Supplier with the lowest **CRF** + base **FOM** + base **VOM** + evaluated **FF** + applicable Taxes shall be declared the lowest calculated bid.

4.4. Further details are in the Instructions to Bidders.

5. Post Selection

5.1. CANORECO and the winning Power Supplier shall abide by ERC's determination of the rates. Any modification of the PSA terms as dictated by ERC shall not be a ground for termination of the PSA.

5.2. After signing the PSA, CANORECO shall deliver to the winning Power Supplier a Security Deposit in the form of standby letter of credit in the amount equal to the product of the winning evaluated Power Supplier Rate in **P/kWh** and the lowest monthly **MEOT** in **kWh** for the first year of the PSA not later than thirty (30) days before COD.

5.3. Every twelve (12) months from COD, CANORECO shall deliver to the winning Power Supplier a renewal Security Deposit in the amount equal to the lowest invoice issued by the winning Power Supplier to CANORECO for the immediately preceding twelve (12) months not later than ninety (90) days after the commencement of the second contract year and every year thereafter.

5.4. Should any eligible captive customer of CANORECO opt to avail only of distribution, supply, and metering services, the contracted quantities shall not be reduced without the consent of the winning Power Supplier.

5.5. CANORECO may, at its own discretion, assign any portion of the contracted quantities to its RES, upon due notice in writing to the winning Power Supplier at least one (1) month before the assignment.

5.6. At any point during the life of the PSA, if there is a change in ownership of the Power Plant, the winning Power Supplier shall assign to the new owner the fulfillment of its obligations under the PSA for the remaining life of the PSA while observing the same or lower rates upon concurrence of CANORECO and approval of both DOE and ERC. The winning Power Supplier shall issue a notice of assignment of PSA to CANORECO at least six (6) months prior to the assignment.

5.7. At any point during the life of the PSA, if the winning Power Supplier constructs a brand-new plant, the winning Power Supplier may fulfill its obligations under the PSA through the brand-new plant for the remaining life of the PSA while observing the same or lower rates upon concurrence of CANORECO and approval of both DOE and ERC. The winning Power Supplier shall notify CANORECO accordingly.

5.8. Further details are in the Instructions to Bidders.

6. Force Majeure

6.1. Force Majeure is an extraordinary event which cannot be foreseen or which though foreseen, cannot be avoided. It includes, but shall not be limited to a typhoon, lightning, flood, drought, earthquake, tsunami, fire, war, rebellion, insurrection, riot, naval or other blockade, nationwide civil unrest, pandemic, national emergencies and other analogous circumstances whether natural or man-made, strikes, lockouts, and other labor dispute/s which in any such case are widespread or nationwide. It also includes change in Governmental Requirements in force from time to time after the date hereof, including any change in the policies or the interpretation or application of policies of the Department of Energy, ERC, NGCP or any Governmental Authority that regulates or exercises jurisdiction over the electric power industry, including the WESM, or any sector thereof or participant therein.

The event must render it impossible for a party to fulfill its obligations in a normal manner despite the exercise of due care and diligence. Force Majeure shall not excuse either party from exercising due care and diligence to prevent it or minimize its effect/s.

In the event of Force Majeure and there are facilities that can still be operated by either party, said party shall continue to perform its obligations under this PSA to the extent not affected by Force Majeure.

6.2. The party seeking to rely on an event of Force Majeure to excuse failure or delay in the performance of its obligations shall notify the other party as soon as reasonably practicable of the nature of the Force Majeure being claimed and the extent of damage that may be caused by the Force Majeure being claimed and its effects to the party's obligation under this Agreement, and such party shall resume the performance of its

obligations as soon as reasonably practicable if the event of Force Majeure no longer exists.

The other party shall have five (5) days to verify, based on any available documentation, or deny in writing that such situation exists. If the other party disputes the occurrence of such event of Force Majeure, the parties shall endeavor in good faith to resolve the dispute within ten (10) days after receipt by the claiming party of the other party's notice of denial. In case the dispute is not resolved within ten (10) days, then the matter shall be deemed to be a dispute cognizable by the ERC and other appropriate agency.

6.3. The restructuring of the electricity industry, unbundling of business functions and/or power rates, and insolvency or business losses shall not be considered events of Force Majeure.

6.4. A party may be excused from the prompt performance of its obligations under this PSA by reason of Force Majeure, subject to the aforesaid provisions.

6.5. The affected party shall notify the other party thru any available fastest means of communication of a Force Majeure situation immediately or soonest possible time to be followed by a written notice not later than fifteen (15) days from its occurrence. The other party, upon receipt of the notice, as soon as practicable, shall immediately verify the existence of the situation and inform in writing the affected party of the existence or non-existence thereof not later than fifteen (15) days from said receipt.

6.6. A verified event of Force Majeure which prevents a party from supplying or taking electricity for at least six (6) months, or as agreed upon by both parties to prevent the supply or taking of electricity for a continuous period of at least six (6) months shall entitle either Party to terminate this PSA.

7. Termination

7.1. Upon COD, any accumulated period of material non-performance, which consists of failure to deliver contracted quantities for at least two (2) months within the immediately preceding six (6) months, which is not due to Force Majeure events, shall be sufficient grounds for possible termination of the PSA by CANORECO.

7.2. In addition, the occurrence of the following events shall constitute just cause for the termination of this PSA without prejudice to the provisions on Indemnification:

a. *Default.* Failure by either party in the due observance or performance of any term, covenant, or agreement contained herein, which failure continues for a period of sixty (60) days after written notice, specifying the breach and requiring it to be remedied, shall have been given to the Defaulting Party by the Aggrieved Party.

b. *Assignment / Bankruptcy.* An assignment by either party for the benefit of creditors, the filing of a petition for bankruptcy by either party, adjudication of insolvency or bankruptcy of either party, or petition by either party to any tribunal for the appointment of receiver/s.

c. Breach. At least three (3) repeated acts of violation of any of the provisions of this PSA, notwithstanding the cure or correction of the breach within the time allowed.

d. Cessation by either party of its business, operation, or legal existence.

7.3. The termination of this PSA shall not excuse any party from payment of any outstanding obligation/s to the other party incurred prior to the said termination.

Issued by:



GEDDIE C. ORCALES
Chairman, TPBAC

Noted by:



ZANDRO R. GESTIADA
General Manager

Terms of Reference (TOR)
for the Conduct of Competitive Selection Process (CSP)
by Camarines Norte Electric Cooperative, Inc. (CANORECO)
for its Base and Intermediate Load Requirements

TERMS OF REFERENCE	DESCRIPTION	REQUIREMENT
Type of Contract	Firm	Base and intermediate
Contracted Capacity (MW)	Varies with seasonality	See Annex "A" of TOR
Contracted Energy (kWh per month or year)	Varies with seasonality	See Annex "A" of TOR
Dependable Capacity (MW)	Minimum dependable Grid-connected generation capacity	63 MW
Contract Duration		Fifteen (15) years
Commercial Operation Date or Target Delivery Date (MM/DD/YYYY)	COD	26 December 2021 (12/26/2021)
Schedule of Delivery	Varies with seasonality	See Annex "A" of TOR
Tariff Structure	Shall be broken down into:	There will be no upper limits in the TOR as the bids will tend to crowd around the bounds, leading to higher bids
	Capital Recovery Fee	P/kWh, fixed
	Fixed O&M	P/kWh, adjusted according to monthly CPI
	Variable O&M	P/kWh, adjusted according to monthly CPI
	Fuel Fee	P/kWh; following a methodology set by CANORECO, shall reflect the actual fuel cost attributable to CANORECO
Outage Allowance per Plant	The winning Power Supplier shall maintain 24-hour availability of contract quantities to CANORECO	
Force Majeure	Monthly MEOT shall be reduced accordingly upon occurrence of Force Majeure events and transmission-side outages	
	Force Majeure includes, but shall not be limited to a typhoon, lightning, flood, drought, earthquake, tsunami, fire, war, rebellion, insurrection, riot, naval or other blockade, nationwide civil unrest, pandemic, national emergencies and other analogous circumstances whether natural or man-made, strikes, lockouts, and other labor dispute/s which in any such case are widespread or nationwide. It also includes change in Governmental Requirements in force	
	Force Majeure shall not excuse either party from exercising due care and diligence to prevent it or minimize its effect/s	
	In the event of Force Majeure and there are facilities that can still be operated by either party, said party shall continue to perform its obligations under this PSA to the extent not affected by Force Majeure	

TERMS OF REFERENCE	DESCRIPTION	REQUIREMENT
Replacement Power	Should the Power Plant be unable to supply CANORECO's requirements fully or partially for any reason, the winning Power Supplier shall immediately provide Replacement Power from any of its generation facilities, or from other GenCos, or from WESM, while observing the same or lower rates	
Currency	PhP	
Regulatory Approvals	CANORECO and the winning Power Supplier shall abide by ERC's determination of the rates. Any modification of the PSA terms as dictated by ERC shall not be a ground for termination of the PSA.	
Dispatch by Utility (Off Grid)	Not applicable	
Penalties	The winning Power Supplier shall be subjected to an hourly base penalty rate of eight pesos (PhP8.00) for every kWh of supply it was unable to provide to CANORECO for any reason. The total amount shall be used to offset charges or paid directly to CANORECO as deemed appropriate by CANORECO. Said base penalty rate shall be subject to an annual escalation rate of 1.8%.	
Source of Power	<i>Technology-neutral / open technology</i>	
Plant Capacity	Minimum dependable Grid-connected generation capacity of 63 MW	
Technical Specifications	Further details are in the Instructions to Bidders	
Take-off Structure	Not applicable	
Eligibility Requirements	Whether operational or yet to be completed, the Power Plant shall have a <i>minimum dependable Grid-connected generation capacity of 63 MW for a prospective Power Supplier to pre-qualify</i>	
	Prospective Power Suppliers shall have no unfulfilled financial obligations to counterparties under other PSAs to pre-qualify	
Termination	Upon COD, any accumulated period of material non-performance, which consists of failure to deliver contracted quantities for at least two (2) months within the immediately preceding six (6) months, which is not due to Force Majeure events, shall be sufficient grounds for possible termination of the PSA by CANORECO	
	The occurrence of the following events shall constitute just cause for the termination of the PSA: default, assignment/bankruptcy, breach, and cessation by either party of its business, operation, or legal existence.	
	The termination of the PSA shall not excuse any party from payment of any outstanding obligation/s to the other party incurred prior to the said termination	

Issued by:


GEDDIE C. ORCALES
 Chairman, TPBAC

Noted by:


ZANDRO R. GESTIADA
 General Manager

ANNEX “A”
Contracted Quantities

Year		Billing Month	Days	Base Load MW (est.)	Intermediate MW (est.)	Contracted MW	MEOT, kWh
1	2022	January	31	14.104	11.919	26.023	14,769,852
		February	31	13.955	11.379	25.334	14,459,869
		March	28	15.489	13.168	28.657	14,677,035
		April	31	18.047	14.071	32.118	18,460,317
		May	30	21.216	12.510	33.726	19,549,681
		June	31	20.912	14.083	34.995	20,563,923
		July	30	20.008	13.517	33.525	19,055,707
		August	31	20.314	12.494	32.808	19,534,657
		September	31	19.593	13.015	32.608	19,200,410
		October	30	17.993	14.241	32.234	17,887,168
		November	31	17.255	13.873	31.128	17,806,233
		December	30	12.120	15.958	28.078	14,340,227
2	2023	January	31	14.950	12.634	27.584	15,656,043
		February	31	14.792	12.062	26.854	15,327,461
		March	28	16.419	13.958	30.377	15,557,657
		April	31	19.130	14.915	34.046	19,567,936
		May	30	22.489	13.261	35.749	20,722,662
		June	31	22.167	14.928	37.095	21,797,758
		July	30	21.208	14.328	35.536	20,199,049
		August	31	21.533	13.244	34.776	20,706,736
		September	31	20.769	13.796	34.565	20,352,435
		October	30	19.072	15.095	34.168	18,960,398
		November	31	18.291	14.705	32.996	18,874,606
		December	30	12.847	16.915	29.762	15,200,641
3	2024	January	31	15.847	13.392	29.239	16,595,405
		February	31	15.680	12.785	28.465	16,247,109
		March	29	17.404	14.796	32.199	17,080,085
		April	31	20.278	15.810	36.088	20,742,012
		May	30	23.838	14.056	37.894	21,966,021
		June	31	23.497	15.824	39.320	23,105,624
		July	30	22.481	15.188	37.669	21,410,992
		August	31	22.825	14.038	36.863	21,949,141
		September	31	22.015	14.624	36.639	21,573,581
		October	30	20.217	16.001	36.218	20,098,022
		November	31	19.388	15.588	34.976	20,007,083
		December	30	13.618	17.930	31.548	16,112,679
4	2025	January	31	16.798	14.196	30.994	17,591,130
		February	31	16.621	13.553	30.173	17,221,935
		March	28	18.448	15.683	34.131	17,480,583
		April	31	21.495	16.759	38.254	21,986,532
		May	30	25.268	14.900	40.168	23,283,983
		June	31	24.906	16.773	41.679	24,491,961
		July	30	23.830	16.099	39.929	22,695,652
		August	31	24.194	14.881	39.075	23,266,089
		September	31	23.336	15.501	38.837	22,867,996
		October	30	21.430	16.961	38.391	21,303,903
		November	31	20.552	16.523	37.074	21,207,508
		December	30	14.435	19.006	33.441	17,079,440
5	2026	January	31	17.806	15.047	32.853	18,646,598
		February	31	17.618	14.366	31.984	18,255,251
		March	28	19.555	16.624	36.179	18,529,418
		April	31	22.785	17.764	40.549	23,305,724

Year	Billing Month	Days	Base Load MW (est.)	Intermediate MW (est.)	Contracted MW	MEOT, kWh	
		May	30	26.784	15.794	42.578	24,681,022
		June	31	26.401	17.779	44.180	25,961,479
		July	30	25.259	17.065	42.324	24,057,391
		August	31	25.646	15.773	41.419	24,662,054
		September	31	24.736	16.431	41.167	24,240,076
		October	30	22.715	17.979	40.694	22,582,137
		November	31	21.785	17.514	39.299	22,479,958
		December	30	15.301	20.147	35.448	18,104,206
6	2027	January	31	18.518	15.649	34.168	19,392,461
		February	31	18.323	14.940	33.263	18,985,461
		March	28	20.337	17.289	37.626	19,270,595
		April	31	23.696	18.475	42.171	24,237,953
		May	30	27.856	16.425	44.281	25,668,262
		June	31	27.457	18.491	45.947	26,999,938
		July	30	26.270	17.747	44.017	25,019,687
		August	31	26.672	16.404	43.076	25,648,537
		September	31	25.726	17.088	42.814	25,209,679
		October	30	23.624	18.698	42.322	23,485,423
		November	31	22.656	18.215	40.871	23,379,157
		December	30	15.913	20.952	36.865	18,828,375
7	2028	January	31	19.259	16.275	35.534	20,168,160
		February	31	19.056	15.538	34.594	19,744,880
		March	29	21.150	17.981	39.131	20,757,184
		April	31	24.644	19.214	43.858	25,207,471
		May	30	28.970	17.082	46.052	26,694,993
		June	31	28.555	19.230	47.785	28,079,935
		July	30	27.321	18.457	45.778	26,020,474
		August	31	27.739	17.060	44.799	26,674,478
		September	31	26.755	17.772	44.527	26,218,066
		October	30	24.569	19.446	44.015	24,424,840
		November	31	23.562	18.944	42.506	24,314,323
		December	30	16.549	21.791	38.340	19,581,510
8	2029	January	31	20.029	16.926	36.956	20,974,886
		February	31	19.818	16.159	35.977	20,534,675
		March	28	21.996	18.700	40.696	20,843,076
		April	31	25.629	19.982	45.612	26,215,770
		May	30	30.129	17.766	47.894	27,762,793
		June	31	29.697	19.999	49.697	29,203,133
		July	30	28.413	19.196	47.609	27,061,293
		August	31	28.848	17.743	46.591	27,741,457
		September	31	27.825	18.483	46.308	27,266,788
		October	30	25.552	20.224	45.776	25,401,833
		November	31	24.505	19.701	44.206	25,286,896
		December	30	17.211	22.662	39.874	20,364,770
9	2030	January	31	20.830	17.603	38.434	21,813,882
		February	31	20.611	16.806	37.416	21,356,062
		March	28	22.876	19.448	42.324	21,676,799
		April	31	26.655	20.782	47.436	27,264,401
		May	30	31.334	18.476	49.810	28,873,304
		June	31	30.885	20.799	51.685	30,371,258
		July	30	29.550	19.964	49.514	28,143,745
		August	31	30.002	18.453	48.455	28,851,115
		September	31	28.938	19.222	48.160	28,357,460
		October	30	26.574	21.033	47.607	26,417,906
		November	31	25.485	20.489	45.974	26,298,372
		December	30	17.900	23.569	41.469	21,179,361

Year		Billing Month	Days	Base Load MW (est.)	Intermediate MW (est.)	Contracted MW	MEOT, kWh
10	2031	January	31	21.664	18.308	39.971	22,686,437
		February	31	21.435	17.478	38.913	22,210,304
		March	28	23.791	20.226	44.017	22,543,871
		April	31	27.721	21.613	49.334	28,354,977
		May	30	32.587	19.215	51.802	30,028,237
		June	31	32.121	21.631	53.752	31,586,108
		July	30	30.732	20.762	51.494	29,269,495
		August	31	31.202	19.191	50.393	30,005,160
		September	31	30.095	19.991	50.086	29,491,758
		October	30	27.637	21.874	49.511	27,474,623
		November	31	26.504	21.309	47.813	27,350,306
		December	30	18.616	24.511	43.127	22,026,535
11	2032	January	31	22.314	18.857	41.170	23,367,030
		February	31	22.078	18.002	40.081	22,876,613
		March	29	24.505	20.833	45.338	24,049,479
		April	31	28.552	22.261	50.814	29,205,626
		May	30	33.565	19.792	53.356	30,929,084
		June	31	33.084	22.280	55.365	32,533,692
		July	30	31.654	21.385	53.039	30,147,579
		August	31	32.138	19.766	51.905	30,905,315
		September	31	30.998	20.591	51.589	30,376,511
		October	30	28.466	22.530	50.996	28,298,861
		November	31	27.299	21.948	49.248	28,170,816
		December	30	19.174	25.247	44.421	22,687,331
12	2033	January	31	22.983	19.422	42.405	24,068,041
		February	31	22.740	18.543	41.283	23,562,912
		March	28	25.240	21.458	46.698	23,916,792
		April	31	29.409	22.929	52.338	30,081,795
		May	30	34.572	20.386	54.957	31,856,956
		June	31	34.077	22.949	57.025	33,509,702
		July	30	32.604	22.026	54.630	31,052,007
		August	31	33.102	20.359	53.462	31,832,474
		September	31	31.928	21.208	53.137	31,287,807
		October	30	29.320	23.206	52.526	29,147,827
		November	31	28.118	22.607	50.725	29,015,940
		December	30	19.750	26.004	45.754	23,367,951
13	2034	January	31	23.673	20.005	43.678	24,790,082
		February	31	23.423	19.099	42.521	24,269,799
		March	28	25.997	22.101	48.099	24,634,296
		April	31	30.291	23.617	53.908	30,984,249
		May	30	35.609	20.997	56.606	32,812,665
		June	31	35.099	23.637	58.736	34,514,993
		July	30	33.582	22.687	56.269	31,983,567
		August	31	34.095	20.970	55.066	32,787,448
		September	31	32.886	21.845	54.731	32,226,441
		October	30	30.199	23.902	54.102	30,022,262
		November	31	28.962	23.285	52.247	29,886,418
		December	30	20.342	26.784	47.126	24,068,990
14	2035	January	31	24.383	20.605	44.988	25,533,785
		February	31	24.125	19.672	43.797	24,997,893
		March	28	26.777	22.765	49.542	25,373,325
		April	31	31.200	24.326	55.526	31,913,777
		May	30	36.677	21.627	58.304	33,797,045
		June	31	36.152	24.346	60.498	35,550,443
		July	30	34.589	23.368	57.957	32,943,074
		August	31	35.118	21.599	56.718	33,771,072

Year		Billing Month	Days	Base Load MW (est.)	Intermediate MW (est.)	Contracted MW	MEOT, kWh
		September	31	33.873	22.500	56.373	33,193,234
		October	30	31.105	24.620	55.725	30,922,930
		November	31	29.831	23.983	53.814	30,783,011
		December	30	20.952	27.588	48.540	24,791,059
15	2036	January	31	25.114	21.223	46.338	26,299,798
		February	31	24.849	20.262	45.111	25,747,830
		March	29	27.581	23.447	51.028	27,067,901
		April	31	32.136	25.055	57.191	32,871,190
		May	30	37.777	22.276	60.053	34,810,956
		June	31	37.237	25.077	62.313	36,616,956
		July	30	35.627	24.069	59.696	33,931,366
		August	31	36.172	22.247	58.419	34,784,204
		September	31	34.889	23.175	58.064	34,189,031
		October	30	32.038	25.358	57.397	31,850,618
		November	31	30.726	24.703	55.429	31,706,501
		December	30	21.581	28.415	49.996	25,534,791