

**CASURECO IV POWER SUPPLY PROCUREMENT  
TERMS OF REFERENCE**

NO.	TERMS OF REFERENCE	DESCRIPTION/REQUIREMENT												
1	Type of Contract	Firm, Baseload												
2	Source of Power	Open Technology, grid-connected power plant, portion of energy offered must be RPS compliant.												
3	Contracted Capacity (MW)	In separate sheets, Annex-1												
4	Contracted Energy (kWh)	In separate sheets, Annex-1 No Minimum Energy Off-Take												
5	Dependable Capacity (MW)	In separate sheets, Annex-1												
6	Contract Duration	The PSA shall take effect for a period of <b>ten (10) years</b> commencing on the Supply Effective Date ("SED") unless earlier terminated in accordance with the provisions of the PSA.												
7	Assignability	The PSA may be assigned in accordance with Republic Act 9136, the Electric Power Industry Reform Act (EPIRA) Implementing Rules and Regulations (IRR) Rule 7, Section 8, c and National Electrification Administration (NEA) Regulatory Advisory No. 2021-003.  In the event that CASURECO IV's franchise is not renewed, the agreement shall remain binding and the rights and obligations of CASURECO IV under the agreement shall be transferred to its successor-in-interest. CASURECO IV shall notify the Supplier in writing at least sixty (60) days in advance of such occurrence.												
8	Supply Effective Date (MM/DD/YYYY)	The Supply Effective Date (SED) shall be on <b>July 26, 2022</b> .  If in case the Provisional Authority from ERC is not yet given until the Commercial Operation Date, the delivery date will be the next immediate 26th day of the month following the approval of the ERC.												
9	Tariff Structure (Landed Cost)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Tariff Component</th> <th style="text-align: center;">Unit</th> </tr> </thead> <tbody> <tr> <td>True Cost of Generation Rate</td> <td>PhP/kWh</td> </tr> <tr> <td>1. Capital Recovery</td> <td>PhP/kW/Month</td> </tr> <tr> <td>2. Fixed Operation and Maintenance</td> <td>PhP/kW/Month</td> </tr> <tr> <td>3. Variable Operation and Maintenance</td> <td>PhP/kWh</td> </tr> <tr> <td>4. Fuel Fee</td> <td>PhP/kWh</td> </tr> </tbody> </table> <p>Specify formula for base fee adjustment affected by factor such as CPI, FOREX &amp; Escalation due to fuel degradation &amp; others.</p> <ol style="list-style-type: none"> <li>1. No indexation or escalation on Capital Recovery Fee (CRF)</li> <li>2. Fixed O&amp;M fee shall be indexed on Philippine Peso</li> <li>3. Variable O&amp;M fee shall be indexed on FOREX and Philippine CPI</li> <li>4. Fossil fuel is passed on charge based on actual market price but limited to guaranteed fuel rate per Li/kWhr</li> <li>5. Lube Oil is based on local market price Li/kWhr</li> <li>6. For RE, CRF can be indexed to average FOREX during the construction period</li> <li>7. Present levelized cost of electricity for the duration of the contract</li> <li>8. The price should not exceed the existing/present generation rate from bilateral contracts of the cooperative.</li> <li>9. Line Rental and other charges shall be on the account of the seller.</li> </ol>	Tariff Component	Unit	True Cost of Generation Rate	PhP/kWh	1. Capital Recovery	PhP/kW/Month	2. Fixed Operation and Maintenance	PhP/kW/Month	3. Variable Operation and Maintenance	PhP/kWh	4. Fuel Fee	PhP/kWh
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1. Capital Recovery	PhP/kW/Month													
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3. Variable Operation and Maintenance	PhP/kWh													
4. Fuel Fee	PhP/kWh													
10	Outage Allowance per plant	<p>The maximum allowable outage shall be in accordance to ERC Resolution No. 10, Series of 2020, Article 5, Reliability Performance Indices and Equivalent Outage Days for different generating plant technologies hereto Attached as Annex-2.</p> <ol style="list-style-type: none"> <li>1. Maximum Allowed Scheduled Outage: _____ days per year. Bidder to specify its plant scheduled outage in its bid proposal.</li> <li>2. Maximum Allowed Forced Outage: _____ days per year. Bidder to specify its plant forced outage in its bid proposal.</li> <li>3. Total maximum allowed scheduled and unscheduled outages must not exceed _____ hours (full load equivalent).</li> <li>4. All Scheduled Outages must be scheduled and declared twelve (12) months in advance.</li> <li>5. There will be no carry-over of any unutilized outage allowances from a calendar year on the succeeding years.</li> <li>6. In the event that the supplier failed to deliver the scheduled contracted energy, the supplier shall be liable of deficiency. Thus, will pay a deficiency fee to the off-taker.</li> <li>7. Scheduled outages shall be provided by the supplier as determined by the grid System Operator.</li> </ol>												

NO.	TERMS OF REFERENCE	DESCRIPTION/REQUIREMENT
11	Force Majeure	<p>1. The events that shall be deemed as Force Majeure and analogous circumstances shall be in accordance to DOE CSP Policies.</p> <p>As defined in the CSP Policies, 'Force Majeure' or 'Fortuitous Event' refers to any extraordinary event not foreseeable or avoidable, or to an event that could not be foreseen, or which, though foreseen, is inevitable on the part of the DU, and is beyond the will, control, participation and influence of the DU.</p> <p>This further refers to an event or circumstance generally caused: (1) by nature, such as, but not limited to, fires, floods, typhoons or other catastrophes, or acts of God; and/or (2) by the acts of man, such as, but not limited to, war, national emergencies, revolution, riot, insurrection, civil unrest; or any other similar violent or threatening actions. It may likewise pertain to any analogous event that may relate to a power system emergency that shall affect the continuity of delivery of power by the DUs.</p> <p>2. Arrangements in case of any force majeure shall be agreed upon by parties and shall form part of the PSA.</p> <p>3. There will be no payment of any capacity fee in case of outages during any force majeure.</p>
12	Replacement Power	<p>1. In case of delay in the COD of any outage beyond the maximum allowance, the Power Supplier shall provide the Replacement Power up to the contracted capacity during the period. If the Power Supplier fails to nominate its replacement power ahead of time, the DU shall procure Replacement Power from other sources at the expense of the Power Supplier.</p> <p>2. During any period of Allowable Outage, in case of unexcused delay in the COD or any outage beyond the maximum allowance, the cost of Replacement Power provided by Power Provider shall be paid by the DU during the relevant period equal to WESM price of the ERC-approved rate under the PSA, whichever is lower.</p> <p>3. If the Power Supplier cannot deliver Replacement Power, the DU shall charge the Power Supplier during the relevant period using CASURECO IV's formula to be provided in the TOR.</p> <p><i>To be paid by DU to RP Supplier but will be refunded from the SELLER.</i></p> $RP\ Cost_n = BCQ_n \times Rate_n$ <p>where: <b>RP Cost<sub>n</sub></b> : Cost of Replacement Power at interval n in Php  <b>BCQ<sub>n</sub></b> : BCQ Procured from RP Supplier during Replacement Power Occurrence at interval n in kWh  <b>Rate<sub>n</sub></b> : Price during Replacement Power Occurrence at interval n in P/kWh</p> $RP\ Cost_T = RP\ Cost_1 + RP\ Cost_2 + RP\ Cost_n$ <p>where: <b>RP Cost<sub>T</sub></b> : Total Cost of Replacement Power in Php  <b>RP Cost<sub>1, 2, n</sub></b> : Cost of Replacement Power at interval n in Php</p>
13	Penalties	<p>Imposition of penalties for the violation of any provision in the PSA, such as but not limited to the following:</p> <ol style="list-style-type: none"> <li>1. If the Supplier fails to deliver the awarded energy contracts upon effectivity of the PSA and CASURECO-IV secures an alternative supply, the cost of the energy shall be at the expense of the Supplier.</li> <li>2. If during any contract year, the actual outage incurred by the Supplier exceeds the allowable outages, the Supplier shall procure power supply at Supplier's own cost to satisfy the contracted energy and shall indemnify CASURECO-IV if the Supplier fails to deliver power.</li> <li>3. If the Supplier fails to perform its material obligation to supply contracted energy to CASURECO-IV for sixty (60) days, CASURECO-IV shall have the right, by written notice, to terminate the contract. By such, CASURECO-IV shall require settlement of liquidated damages.</li> <li>4. If the Supplier and CASURECO-IV do not reach satisfactory solution to resolve the issues arising from the Force Majeure event after one hundred eighty (180) days, the contract shall be terminated.</li> <li>5. Other violations under the resulting PSA.</li> </ol>
14	Eligibility Requirements	<p>The Bidder shall submit the following details and specifications:</p> <ol style="list-style-type: none"> <li>1. Type of Source of Power</li> <li>2. Plant Capacity <ol style="list-style-type: none"> <li>a. Total Installed Capacity</li> <li>b. Number of generating units and installed capacity of each unit.</li> <li>c. Dependable Capacity</li> <li>d. Plant Stand-by Capacity</li> <li>e. Black Start Capability</li> </ol> </li> <li>3. Certificate of Good performance/track record with other customers (for existing power plants/company)</li> <li>4. If Bidder is formed as a partnership, corporation, consortium, joint venture or any similar associations for purposes of this CSP, it must present a documentation (e.g. SEC registration application; a shell company, if any) and an agreement showing that the bidder and all its partners, shareholders, joint venture, associates, as may be applicable, are jointly and severally liable to (EC) for any and all costs and obligations arising from this CSP and the resulting PSA.</li> <li>5. The Supplier shall have available capacity on or before the COD.</li> </ol>

NO.	TERMS OF REFERENCE	DESCRIPTION/REQUIREMENT
14	Eligibility Requirements (continuation)	<p>6. Years of experience of the supplier employing the same technology shall be specified. In case the require years of experience and aggregate capacity are not met, the bidders may opt to submit detailed plan on how it intends to operate and maintain the generating facilities in accordance with the Philippine Grid and Distribution Codes, existing industry standards and applicable Philippine laws. The detailed plan must state how the bidder shall operate and maintain the generating facilities as well as the experience and technical capability of the persons, whether natural or judicial who will operate and maintain the generating facilities. The detailed plan must contain the following:</p> <ol style="list-style-type: none"> <li>a. Executive Summary</li> <li>b. Description of the plan for the operation and maintenance generating facilities</li> <li>c. Proposed table of organization including job, descriptions, technical qualifications and experience of the management and technical team</li> <li>d. Environmental and social obligations compliance programs</li> </ol> <p>In addition:</p> <ol style="list-style-type: none"> <li>1. All forms of business organizations including Joint Ventures are encouraged to participate in the bidding process subject to applicable government licenses and permits.</li> <li>2. For bidders using indigenous and RE power plants, the bidder must comply with the constitutional requirement for ownership.</li> <li>3. The capacity offer of the bidder must be compliant with all the ownership limitations prescribed under EPIRA.</li> <li>4. Bidders to submit Certificate of Compliance issued by the ERC.</li> <li>5. Suppliers to submit Two-Year Financial Statements for existing power plants and proof of funding availability or support from funders in a form of Notarized Certification from the Banks/Lenders/Funders for newly built power plants.</li> </ol>
15	Billing Metering Point	The Billing Metering Point should be WESM compliant and located at the receiving substation of CASURECO-IV
16	Security Deposit	CASURECO-IV shall not be required by the Seller of Security Deposits or Guarantees.
17	Performance Security	The bidder shall provide a one year performance security.
18	Reduction of Contracted Energy	<ol style="list-style-type: none"> <li>1. The reduction of contract capacity shall be allowed in case of: <ol style="list-style-type: none"> <li>a. Loss of captive customers due to Retail Competition and Open Access (RCOA) and Green Energy Option Program (GEOP).</li> <li>b. Reduction of demand of the DU due to special circumstances beyond the control of the DU.</li> </ol> </li> <li>2. Customer may assign, transfer, designate, or allocate its rights and obligations to purchase a portion of contract it no longer requires to: <ol style="list-style-type: none"> <li>a. Any of its business segments without the prior consent of the Power Supplier.</li> <li>b. Any affiliate of third party subject to the consent of Power Supplier.</li> </ol> </li> <li>3. The Consent by the Power Supplier Shall not be unreasonably delayed or conditioned at the disadvantage of the DU.</li> <li>4. Any reduction shall require approval of the ERC and must comply with applicable rules of competition set by the Government.</li> </ol>
19	Nomination Protocol	The Seller shall present the design of nomination protocol and shall be agreed upon by both parties. CASURECO-IV may revise the nomination due to unscheduled outages and others.
20	Environmental Compliance Certificate	Bidder must present the ECC from DENR as to a newly promulgated requirement by the ERC from PSA approval.
21	Application Process with ERC	Joint filing for the approval of the terms and conditions under the power supply agreement while the Seller shall shoulder all cost attributed to application.
22	Grounds for Termination of the PSA	<ol style="list-style-type: none"> <li>1. Valid grounds for terminations are: <ol style="list-style-type: none"> <li>a. Events of Default.</li> <li>b. Expiration of cooperation period.</li> <li>c. Failure to achieve COD.</li> <li>d. Mutual agreement by both parties.</li> <li>e. Extended Force Majeure as agreed under the PSA.</li> <li>f. Changes in the circumstances as agreed under the PSA.</li> <li>g. others; <ul style="list-style-type: none"> <li>* Non-fulfilment of conditions for effective date;</li> <li>* Events of Force Majeure; and;</li> <li>* When the Supplier fails to supply for a period of Sixty (60) days for reason wholly attributable to its fault and/or negligence, provided that, the Supplier fails to take reasonable actions or remedies to solve its inability to deliver capacity and energy.</li> </ul> </li> </ol> </li> <li>2. The Supplier may terminate the Agreement by written notice to the Buyer/Off-taker when the Buyer/Off-taker: <ol style="list-style-type: none"> <li>a. Discontinue operations;</li> <li>b. Declares bankruptcy; or</li> <li>c. Any financial obligation of the Customer is not paid when due within any applicable grace period.</li> </ol> <p>It is also suggested to indicate or enumerate details/discuss the events of default further in the provisions of the PSA, including what remedy or remedies are available or period within which to correct them.</p> </li> <li>3. Rate reductions made by the ERC shall not be a valid ground for the termination of the contract. DU shall not pay for the said rate reduction of adjustments.</li> </ol>

**ANNEX-1 GRID**

	Contracted Energy in kWh (inclusive of RPS)	RPS Requirement in kWh	Equivalent Demand in kW
July 26, 2022 - August 25, 2022	8,409,145	227,064	14,605
August 26, 2022 - September 25, 2022	8,085,423	218,323	13,524
September 26, 2022 - October 25, 2022	8,381,864	226,327	13,559
October 26, 2022 - November 25, 2022	8,359,458	225,722	13,543
November 26, 2022 - December 25, 2022	7,960,054	214,938	13,348
<b>Total</b>	<b>41,195,944</b>	<b>1,112,374</b>	<b>14,605</b>
December 26, 2022 - January 25, 2023	7,155,348	355,504	12,017
January 26, 2023 - February 25, 2023	7,206,757	358,059	12,306
February 26, 2023 - March 25, 2023	7,048,675	350,205	12,681
March 26, 2023 - April 25, 2023	8,709,573	432,724	14,207
April 26, 2023 - May 25, 2023	9,676,829	480,781	15,363
May 26, 2023 - June 25, 2023	9,554,479	474,702	15,343
June 26, 2023 - July 25, 2023	8,509,609	422,789	11,819
July 26, 2023 - August 25, 2023	8,828,693	438,643	11,867
August 26, 2023 - September 25, 2023	8,455,848	420,118	11,365
September 26, 2023 - October 25, 2023	8,725,960	433,538	12,119
October 26, 2023 - November 25, 2023	8,794,538	436,946	11,821
November 26, 2023 - December 25, 2023	8,370,199	415,863	11,625
<b>Total</b>	<b>101,036,507</b>	<b>5,019,872</b>	<b>15,363</b>
December 26, 2023 - January 25, 2024	7,441,645	538,518	10,002
January 26, 2024 - February 25, 2024	7,436,532	538,148	9,995
February 26, 2024 - March 25, 2024	7,189,680	520,284	10,330
March 26, 2024 - April 25, 2024	9,005,258	651,670	12,104
April 26, 2024 - May 25, 2024	10,137,770	733,624	14,080
May 26, 2024 - June 25, 2024	9,998,763	723,565	13,439
June 26, 2024 - July 25, 2024	9,284,847	671,902	12,896
July 26, 2024 - August 25, 2024	9,627,111	696,670	12,940
August 26, 2024 - September 25, 2024	9,223,529	667,465	12,397
September 26, 2024 - October 25, 2024	9,521,788	689,049	13,225
October 26, 2024 - November 25, 2024	9,588,236	693,857	12,887
November 26, 2024 - December 25, 2024	9,125,978	660,406	12,675
<b>Total</b>	<b>107,581,138</b>	<b>7,785,158</b>	<b>14,080</b>
December 26, 2024 - January 25, 2025	6,347,772	603,338	8,532
January 26, 2025 - February 25, 2025	6,347,371	603,300	8,531
February 26, 2025 - March 25, 2025	6,271,676	596,105	9,333
March 26, 2025 - April 25, 2025	8,053,861	765,497	10,825
April 26, 2025 - May 25, 2025	9,331,491	886,932	12,960
May 26, 2025 - June 25, 2025	9,124,822	867,288	12,265
June 26, 2025 - July 25, 2025	8,407,320	799,092	11,677
July 26, 2025 - August 25, 2025	8,717,529	828,576	11,717
August 26, 2025 - September 25, 2025	8,281,601	787,143	11,131
September 26, 2025 - October 25, 2025	8,665,925	823,672	12,036
October 26, 2025 - November 25, 2025	8,673,691	824,410	11,658
November 26, 2025 - December 25, 2025	8,227,970	782,045	11,428
<b>Total</b>	<b>96,451,029</b>	<b>9,167,396</b>	<b>12,960</b>
December 26, 2025 - January 25, 2026	7,036,288	828,374	9,457
January 26, 2026 - February 25, 2026	7,040,835	828,910	9,463
February 26, 2026 - March 25, 2026	6,949,927	818,207	10,342
March 26, 2026 - April 25, 2026	8,891,931	1,046,837	11,952
April 26, 2026 - May 25, 2026	10,262,634	1,208,208	14,254
May 26, 2026 - June 25, 2026	10,044,193	1,182,492	13,500
June 26, 2026 - July 25, 2026	9,263,675	1,090,602	12,866
July 26, 2026 - August 25, 2026	9,599,490	1,130,137	12,903
August 26, 2026 - September 25, 2026	9,129,608	1,074,818	12,271
September 26, 2026 - October 25, 2026	9,545,025	1,123,725	13,257
October 26, 2026 - November 25, 2026	9,550,438	1,124,362	12,837
November 26, 2026 - December 25, 2026	9,062,828	1,066,956	12,587
<b>Total</b>	<b>106,376,872</b>	<b>12,523,629</b>	<b>14,254</b>
December 26, 2026 - January 25, 2027	7,757,286	1,089,205	10,426
January 26, 2027 - February 25, 2027	7,767,011	1,090,571	10,440
February 26, 2027 - March 25, 2027	7,660,176	1,075,570	11,399
March 26, 2027 - April 25, 2027	9,769,537	1,371,746	13,131
April 26, 2027 - May 25, 2027	11,237,702	1,577,892	15,608
May 26, 2027 - June 25, 2027	11,006,933	1,545,490	14,794
June 26, 2027 - July 25, 2027	10,160,430	1,426,632	14,112
July 26, 2027 - August 25, 2027	10,523,054	1,477,548	14,144
August 26, 2027 - September 25, 2027	10,017,619	1,406,580	13,465
September 26, 2027 - October 25, 2027	10,465,593	1,469,480	14,536
October 26, 2027 - November 25, 2027	10,468,548	1,469,895	14,071
November 26, 2027 - December 25, 2027	9,937,071	1,395,270	13,801
<b>Total</b>	<b>116,770,961</b>	<b>16,395,878</b>	<b>15,608</b>

**ANNEX-1 GRID**

	Contracted Energy in kWh (inclusive of RPS)	RPS Requirement in kWh	Equivalent Demand in kW
December 26, 2027 - January 25, 2028	8,510,645	1,388,021	11,439
January 26, 2028 - February 25, 2028	8,525,784	1,390,490	11,459
February 26, 2028 - March 25, 2028	8,329,548	1,358,485	11,968
March 26, 2028 - April 25, 2028	10,686,537	1,742,892	14,364
April 26, 2028 - May 25, 2028	12,256,540	1,998,947	17,023
May 26, 2028 - June 25, 2028	12,012,889	1,959,210	16,146
June 26, 2028 - July 25, 2028	11,097,437	1,809,906	15,413
July 26, 2028 - August 25, 2028	11,488,077	1,873,617	15,441
August 26, 2028 - September 25, 2028	10,945,493	1,785,125	14,712
September 26, 2028 - October 25, 2028	11,427,485	1,863,735	15,872
October 26, 2028 - November 25, 2028	11,427,867	1,863,797	15,360
November 26, 2028 - December 25, 2028	10,850,556	1,769,642	15,070
<b>Total</b>	<b>127,558,858</b>	<b>20,803,866</b>	<b>17,023</b>
December 26, 2028 - January 25, 2029	9,296,231	1,726,998	12,495
January 26, 2029 - February 25, 2029	9,317,015	1,730,859	12,523
February 26, 2029 - March 25, 2029	9,176,181	1,704,696	13,655
March 26, 2029 - April 25, 2029	11,642,762	2,162,922	15,649
April 26, 2029 - May 25, 2029	13,318,962	2,474,317	18,499
May 26, 2029 - June 25, 2029	13,061,879	2,426,557	17,556
June 26, 2029 - July 25, 2029	12,074,528	2,243,133	16,770
July 26, 2029 - August 25, 2029	12,494,381	2,321,131	16,794
August 26, 2029 - September 25, 2029	11,913,057	2,213,136	16,012
September 26, 2029 - October 25, 2029	12,430,524	2,309,268	17,265
October 26, 2029 - November 25, 2029	12,428,225	2,308,841	16,705
November 26, 2029 - December 25, 2029	11,803,118	2,192,712	16,393
<b>Total</b>	<b>138,956,863</b>	<b>25,814,571</b>	<b>18,499</b>
December 26, 2029 - January 25, 2030	10,113,896	2,108,299	13,594
January 26, 2030 - February 25, 2030	10,140,552	2,113,856	13,630
February 26, 2030 - March 25, 2030	9,981,653	2,080,732	14,854
March 26, 2030 - April 25, 2030	12,638,030	2,634,469	16,987
April 26, 2030 - May 25, 2030	14,424,760	3,006,924	20,034
May 26, 2030 - June 25, 2030	14,153,698	2,950,419	19,024
June 26, 2030 - July 25, 2030	13,091,512	2,729,000	18,183
July 26, 2030 - August 25, 2030	13,541,773	2,843,864	18,201
August 26, 2030 - September 25, 2030	12,920,127	2,713,314	17,366
September 26, 2030 - October 25, 2030	13,474,517	2,829,740	18,715
October 26, 2030 - November 25, 2030	13,469,429	2,828,671	18,104
November 26, 2030 - December 25, 2030	12,794,574	2,686,947	17,770
<b>Total</b>	<b>150,744,521</b>	<b>31,526,237</b>	<b>20,034</b>
December 26, 2030 - January 25, 2031	11,015,918	2,565,652	14,806
January 26, 2031 - February 25, 2031	11,049,055	2,573,370	14,851
February 26, 2031 - March 25, 2031	10,870,227	2,531,720	16,176
March 26, 2031 - April 25, 2031	13,735,981	3,199,166	18,462
April 26, 2031 - May 25, 2031	15,644,646	3,643,702	21,729
May 26, 2031 - June 25, 2031	15,358,160	3,576,978	20,643
June 26, 2031 - July 25, 2031	14,213,420	3,310,364	19,741
July 26, 2031 - August 25, 2031	14,697,224	3,423,043	19,754
August 26, 2031 - September 25, 2031	14,031,097	3,267,900	18,859
September 26, 2031 - October 25, 2031	14,626,220	3,406,506	20,314
October 26, 2031 - November 25, 2031	14,618,053	3,404,604	19,648
November 26, 2031 - December 25, 2031	13,888,318	3,234,646	19,289
<b>Total</b>	<b>163,748,321</b>	<b>38,137,652</b>	<b>21,729</b>
December 26, 2031 - January 25, 2032	11,946,520	3,057,117	16,057
January 26, 2032 - February 25, 2032	11,986,343	3,067,308	16,111
February 26, 2032 - March 25, 2032	11,770,646	3,012,111	16,912
March 26, 2032 - April 25, 2032	14,868,721	3,804,909	19,985
April 26, 2032 - May 25, 2032	16,903,184	4,325,529	23,477
May 26, 2032 - June 25, 2032	16,600,786	4,248,145	22,313
June 26, 2032 - July 25, 2032	15,370,875	3,933,411	21,348
<b>Total</b>	<b>99,447,074</b>	<b>25,448,530</b>	<b>23,477</b>

**ARTICLE V – RELIABILITY PERFORMANCE INDICES AND  
EQUIVALENT OUTAGE DAYS**

Shown in Table 1 are the Standard Planned and Unplanned Outages determined by ERC for the different generating plant technologies:

**Table 1. Allowable Planned and Unplanned Outage Days**

	Pulverized Coal	Circulating Fluidized Bed	Combined Cycle	Gas Turbine	Diesel	Geo-thermal	Hydro-electric	Oil-Fired Thermal	Biomass
No. of Day Unavailable	44.7	32.3	20.2	29.2	19.0	19.7	29.9	58.6	39.7
No. of Days of Planned Outage	27.9	15.4	12.5	6.5	5.0	6.0	23.1	30.8	32.7
No. of Days on Unplanned Outages	16.8	16.9	7.7	22.7	14.0	13.7	6.8	27.8	7.0