# Power Supply Procurement Plan 2024

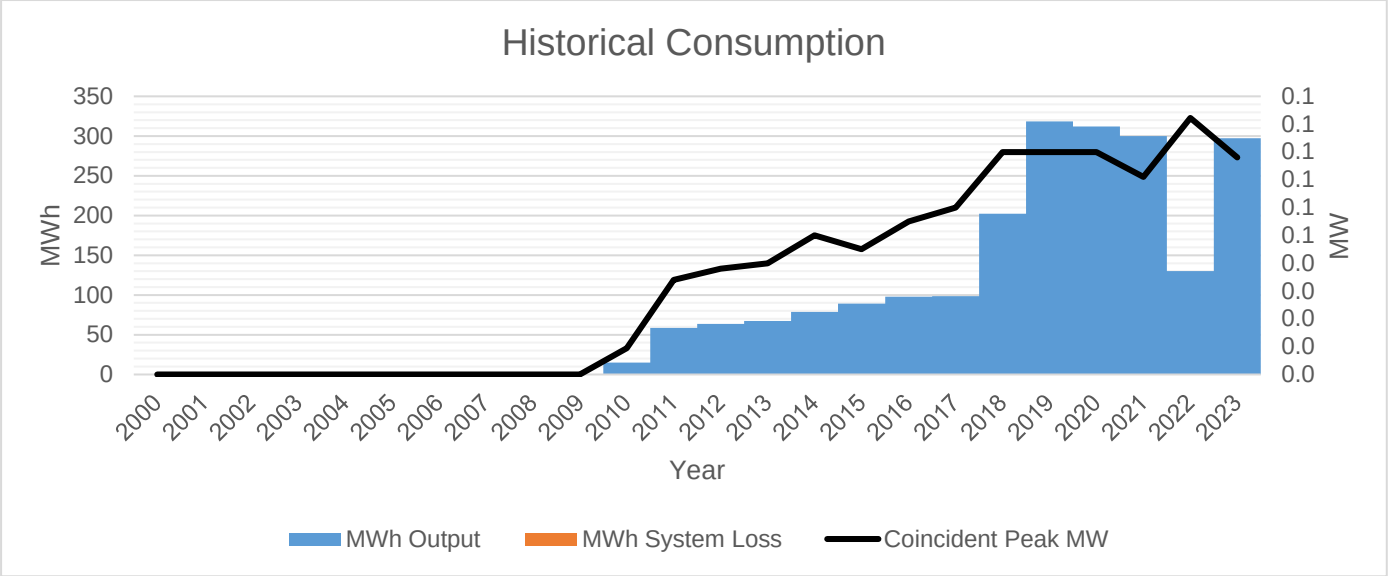
**BOHOL I ELECTRIC COOPERATIVE, INC.**
**(BOHECO I)**

**CUAMING ISLAND**

# Historical Consumption Data

| | Coincident Peak MW | MWh Offtake | WESM | MWh Input | MWh Output | Load Factor |
|---|---|---|---|---|---|---|
| 2010 | 0.01 | 15 | n/a | 15 | 15 | 18% |
| 2011 | 0.03 | 59 | n/a | 59 | 59 | 20% |
| 2012 | 0.04 | 64 | n/a | 64 | 64 | 19% |
| 2013 | 0.04 | 67 | n/a | 67 | 67 | 19% |
| 2014 | 0.05 | 79 | n/a | 79 | 79 | 18% |
| 2015 | 0.05 | 89 | n/a | 89 | 89 | 23% |
| 2016 | 0.06 | 98 | n/a | 98 | 98 | 20% |
| 2017 | 0.06 | 99 | n/a | 99 | 99 | 19% |
| 2018 | 0.08 | 202 | n/a | 202 | 202 | 29% |
| 2019 | 0.08 | 319 | n/a | 319 | 319 | 45% |
| 2020 | 0.08 | 312 | n/a | 312 | 312 | 45% |
| 2021 | 0.07 | 300 | n/a | 300 | 300 | 48% |
| 2022 | 0.09 | 130 | n/a | 130 | 130 | 16% |
| 2023 | 0.08 | 297 | n/a | 297 | 297 | 44% |

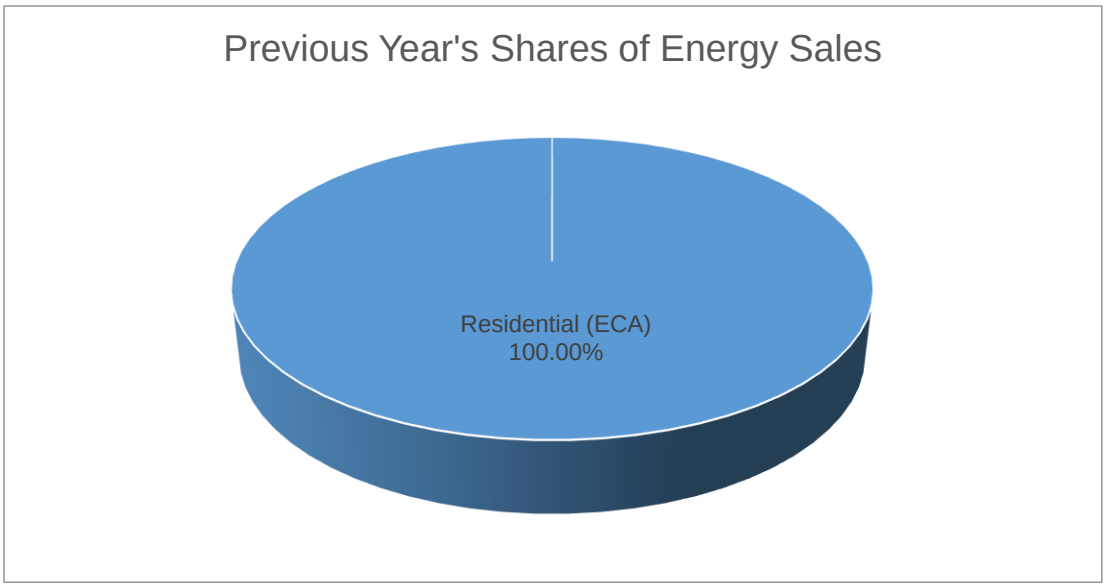
The above historical data was the only available/retrieved data as of the moment. The Peak Demand exhibited increase from 0.01 MW in 2010 to 0.08 MW in 2023 at a rate of 24.36%. The MWh Offtake increased from 15 MWh in 2010 to 297 MWh in 2023, marking a growth rate of 44.30% primarily attributed to the escalating load connections. Throughout this period, the Load Factor fluctuated from 16% to 48%. There was an abrupt change in consumption in year 2022 due to the occurrence of Typhoon Odette affecting the entire province of Bohol.



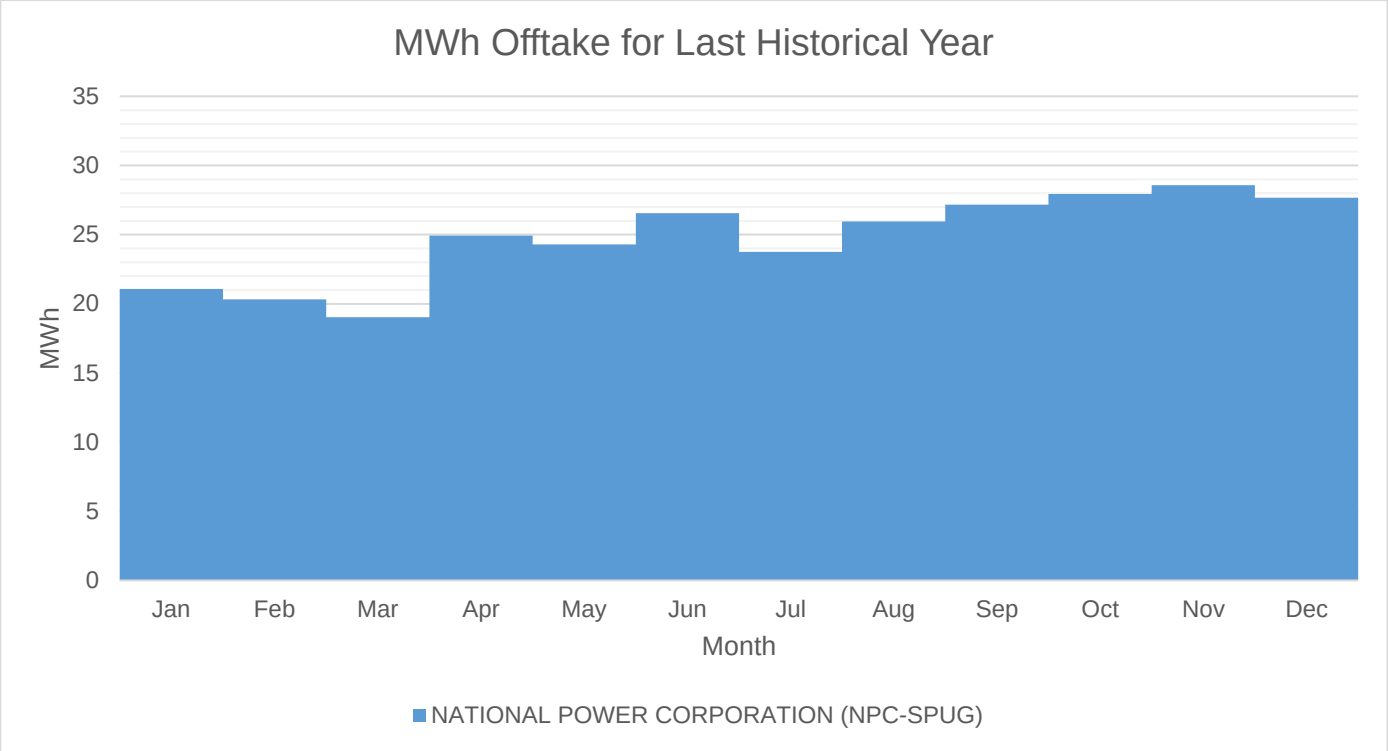

The above figure presents a graphical representation of energy consumption over the past 14 years. The MWh Output demonstrated a consistent increased from year 2010 to year 2023 with an average growth rate of 44.30%. On the other hand, the MWh Output in year 2022 significantly drops to -56.67% due to the occurrence of Typhoon Odette affecting the entire province of Bohol.

**System Loss**

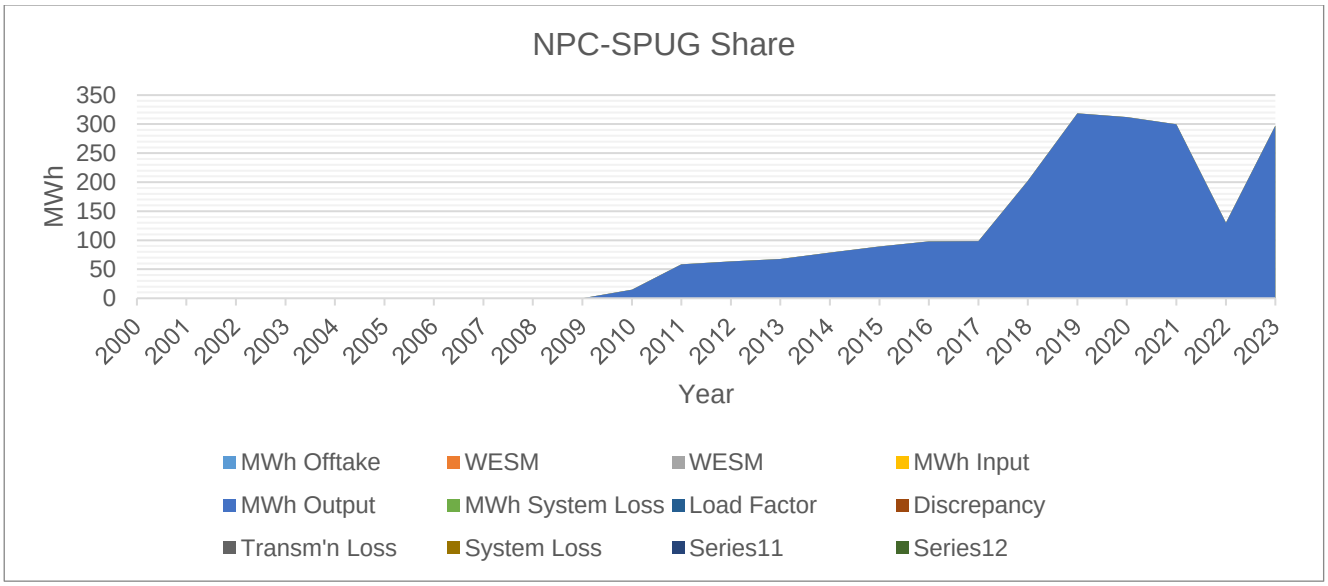
BOHECO I's report shows NO system loss in supplying power to Island Barangays through SPUG. This is because the kWh meter reading used for NPC SPUG's billing to BOHECO I is identical to BOHECO I's meter reading for sales to the Island Barangays. This alignment stems from a clustering setup, employing a single meter known as the Mother Meter for meter reading. NPC SPUG also utilizes this Mother Meter. Individual consumer bills are then generated internally, with the system loss prorated accordingly.




Residential customers constitute the entire energy sales on this island.

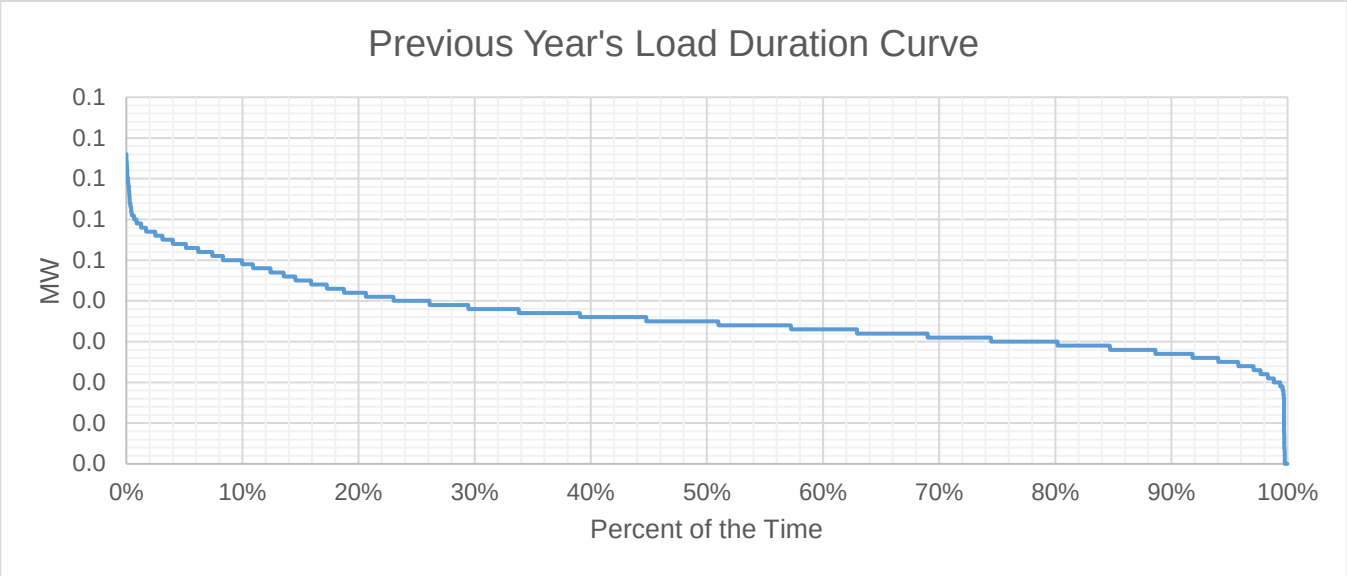



For NPC-SPUG, the total Offtake for the last historical year is lower than the quantity stipulated in the PSA. The PSA with NPC-SPUG constitutes solely for the MWh Offtake.

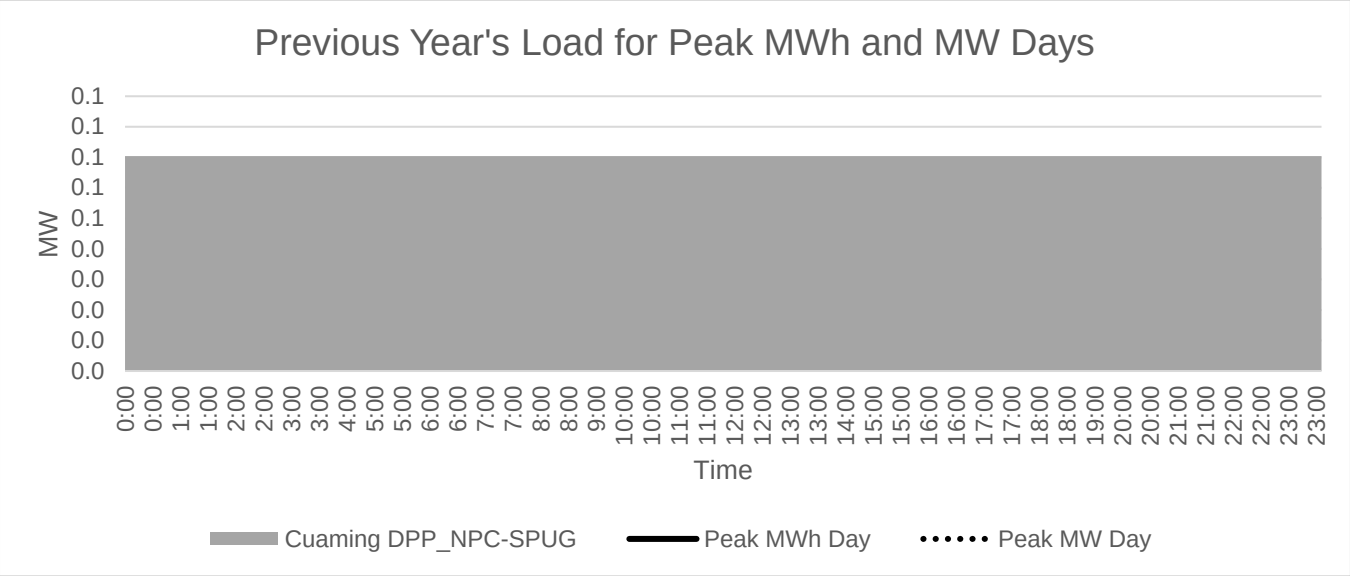



There is no share of WESM in the offtake since this is solely supplied by National Power Corporation – Small Power Utilities Group (NPC-SPUG).

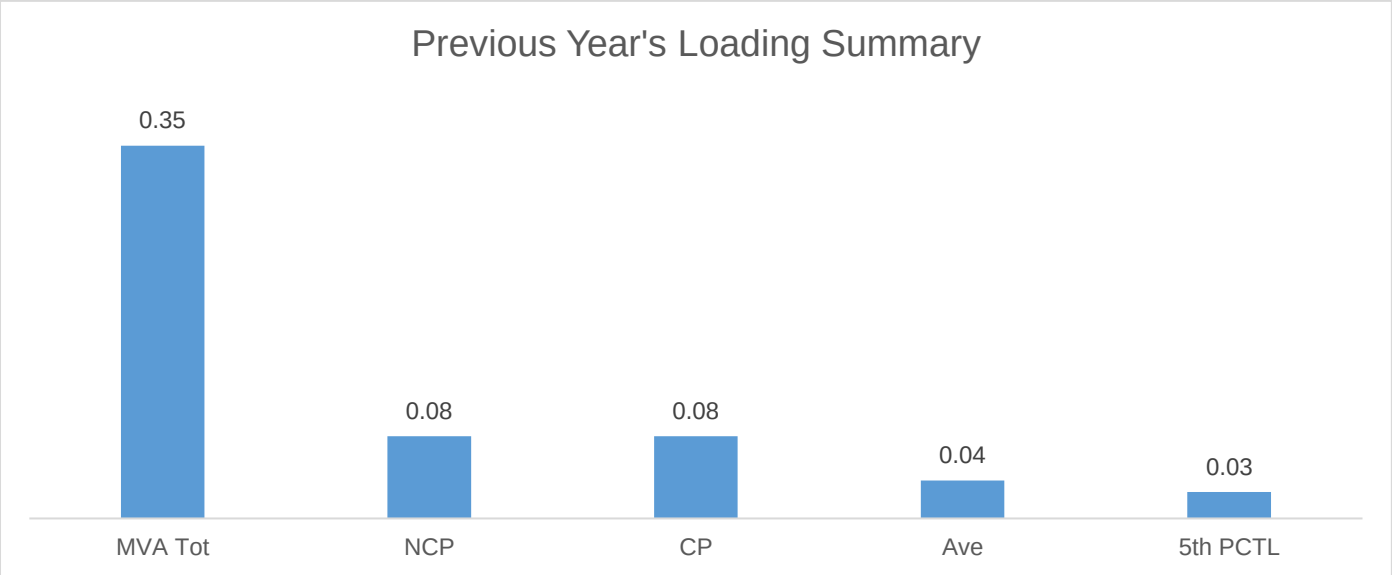
## Previous Year's Load Profile




Based on the Load Duration Curve, the minimum load is 0.002 MW and the maximum load is 0.078 MW for the last historical year. The normal operating hours for the island is 24 hours.




Peak MW occurred on June 6, 2023. Peak daily MWh occurred on June 16, 2023 at 7:00 P.M.




The Non-coincident Peak Demand is 0.078 MW, which is around 24.21% of the total substation capacity of 0.354 MVA at a power factor of 91%. The load factor or the ratio between the Average Load of 0.036 MW and the Non-coincident Peak Demand is 46.28%. A safe estimate of the true minimum load is the fifth percentile load of 0.03 MW which is 32.05% of the Non-coincident Peak Demand.

| Metering Point | Substation MVA | Substation Peak MW |
|---|---|---|
| CUAMING | 0.354 | 0.078 |

No substation loaded at 70% and above.

# Forecasted Consumption Data

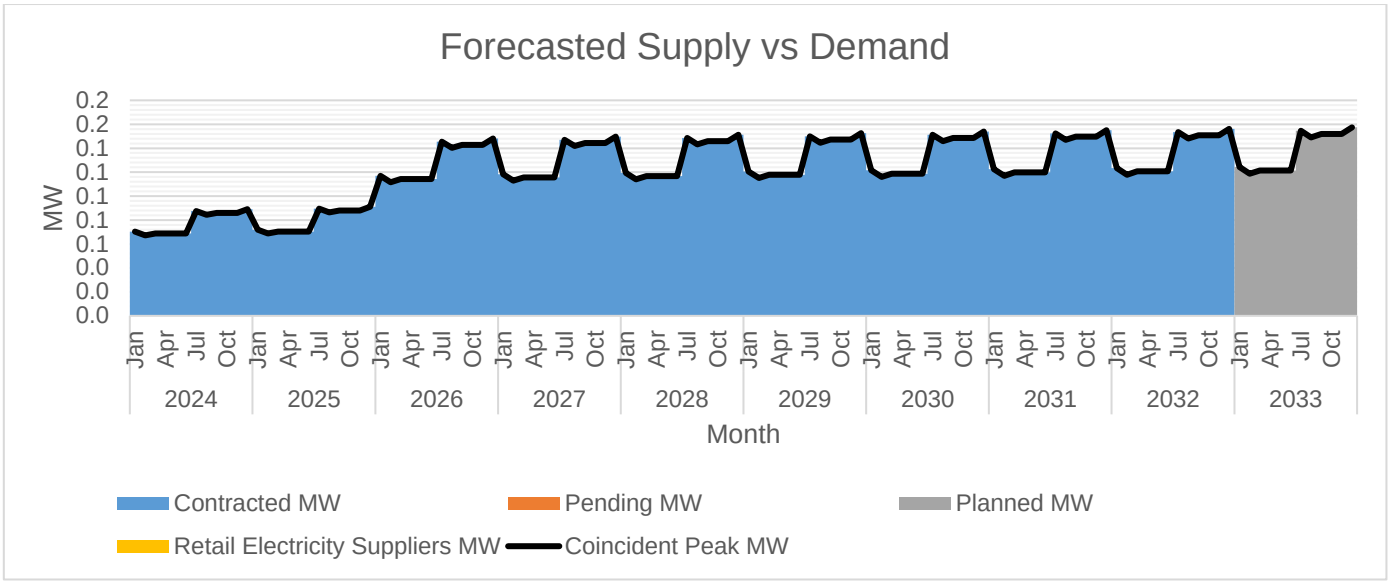
| | | Coincident Peak MW | Contracted MW | Pending MW | Planned MW | Retail Electricity Suppliers MW | Existing Contracting Level | Target Contracting Level | MW Surplus / Deficit |
|---|---|---|---|---|---|---|---|---|---|
| 2024 | Jan | 0.070 | 0.070 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.067 | 0.067 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.069 | 0.069 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Apr | 0.069 | 0.069 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.069 | 0.069 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.069 | 0.069 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jul | 0.088 | 0.088 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.084 | 0.084 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.086 | 0.086 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.086 | 0.086 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.086 | 0.086 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.089 | 0.089 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| 2025 | Jan | 0.072 | 0.072 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.069 | 0.069 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.070 | 0.070 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Apr | 0.070 | 0.070 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.070 | 0.070 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.070 | 0.070 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jul | 0.090 | 0.090 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.086 | 0.086 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.088 | 0.088 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.088 | 0.088 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.088 | 0.088 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.091 | 0.091 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| 2026 | Jan | 0.117 | 0.117 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.112 | 0.112 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.114 | 0.114 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Apr | 0.114 | 0.114 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.114 | 0.114 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.114 | 0.114 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |

| | | Coincident Peak MW | Contracted MW | Pending MW | Planned MW | Retail Electricity Suppliers MW | Existing Contracting Level | Target Contracting Level | MW Surplus / Deficit |
|---|---|---|---|---|---|---|---|---|---|
| | Jul | 0.145 | 0.145 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.140 | 0.140 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.143 | 0.143 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.143 | 0.143 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.143 | 0.143 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.148 | 0.148 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| 2027 | Jan | 0.118 | 0.118 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.113 | 0.113 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.116 | 0.116 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Apr | 0.116 | 0.116 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.116 | 0.116 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.116 | 0.116 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jul | 0.147 | 0.147 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.142 | 0.142 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.144 | 0.144 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.144 | 0.144 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.144 | 0.144 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.150 | 0.150 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| 2028 | Jan | 0.119 | 0.119 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.114 | 0.114 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.117 | 0.117 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Apr | 0.117 | 0.117 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.117 | 0.117 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.117 | 0.117 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jul | 0.149 | 0.149 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.143 | 0.143 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.146 | 0.146 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.146 | 0.146 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.146 | 0.146 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.151 | 0.151 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| 2029 | Jan | 0.120 | 0.120 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.115 | 0.115 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.118 | 0.118 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |

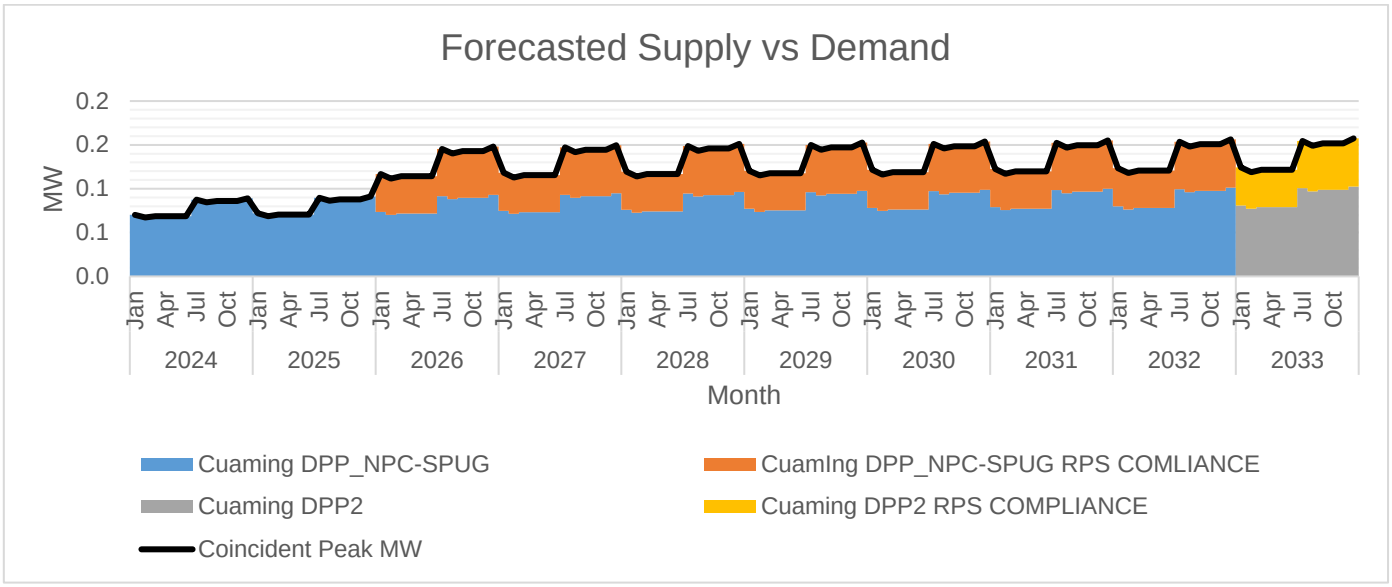
| | | Coincident Peak MW | Contracted MW | Pending MW | Planned MW | Retail Electricity Suppliers MW | Existing Contracting Level | Target Contracting Level | MW Surplus / Deficit |
|---|---|---|---|---|---|---|---|---|---|
| | Apr | 0.118 | 0.118 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.118 | 0.118 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.118 | 0.118 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jul | 0.150 | 0.150 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.145 | 0.145 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.147 | 0.147 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.147 | 0.147 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.147 | 0.147 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.153 | 0.153 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| 2030 | Jan | 0.122 | 0.122 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.116 | 0.116 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.119 | 0.119 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Apr | 0.119 | 0.119 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.119 | 0.119 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.119 | 0.119 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jul | 0.151 | 0.151 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.146 | 0.146 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.149 | 0.149 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.149 | 0.149 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.149 | 0.149 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.154 | 0.154 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| 2031 | Jan | 0.122 | 0.122 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.117 | 0.117 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.120 | 0.120 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Apr | 0.120 | 0.120 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.120 | 0.120 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.120 | 0.120 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jul | 0.152 | 0.152 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.147 | 0.147 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.150 | 0.150 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.150 | 0.150 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.150 | 0.150 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.155 | 0.155 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |

| | | Coincident Peak MW | Contracted MW | Pending MW | Planned MW | Retail Electricity Suppliers MW | Existing Contracting Level | Target Contracting Level | MW Surplus / Deficit |
|---|---|---|---|---|---|---|---|---|---|
| 2032 | Jan | 0.123 | 0.123 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Feb | 0.118 | 0.118 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Mar | 0.121 | 0.121 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Apr | 0.121 | 0.121 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | May | 0.121 | 0.121 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jun | 0.121 | 0.121 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Jul | 0.154 | 0.154 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Aug | 0.148 | 0.148 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Sep | 0.151 | 0.151 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Oct | 0.151 | 0.151 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Nov | 0.151 | 0.151 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| | Dec | 0.156 | 0.156 | 0.000 | 0.000 | 0.000 | 100% | 100% | 0.00 |
| 2033 | Jan | 0.124 | 0.000 | 0.000 | 0.124 | 0.000 | 0% | 100% | 0.00 |
| | Feb | 0.119 | 0.000 | 0.000 | 0.119 | 0.000 | 0% | 100% | 0.00 |
| | Mar | 0.122 | 0.000 | 0.000 | 0.122 | 0.000 | 0% | 100% | 0.00 |
| | Apr | 0.122 | 0.000 | 0.000 | 0.122 | 0.000 | 0% | 100% | 0.00 |
| | May | 0.122 | 0.000 | 0.000 | 0.122 | 0.000 | 0% | 100% | 0.00 |
| | Jun | 0.122 | 0.000 | 0.000 | 0.122 | 0.000 | 0% | 100% | 0.00 |
| | Jul | 0.155 | 0.000 | 0.000 | 0.155 | 0.000 | 0% | 100% | 0.00 |
| | Aug | 0.149 | 0.000 | 0.000 | 0.149 | 0.000 | 0% | 100% | 0.00 |
| | Sep | 0.152 | 0.000 | 0.000 | 0.152 | 0.000 | 0% | 100% | 0.00 |
| | Oct | 0.152 | 0.000 | 0.000 | 0.152 | 0.000 | 0% | 100% | 0.00 |
| | Nov | 0.152 | 0.000 | 0.000 | 0.152 | 0.000 | 0% | 100% | 0.00 |
| | Dec | 0.157 | 0.000 | 0.000 | 0.157 | 0.000 | 0% | 100% | 0.00 |

Employing an Excel-based forecasting model, the Peak Demand was projected to peak in December due high economic activities of small businesses in the island this holiday season. Conversely, the Monthly Peak Demand experiences its lowest point is in February maybe due to low economic activities. In general, the Peak Demand is anticipated to exhibit a growth trajectory with an average annual rate of 7.87%.




The available supply is generally equal to the Demand. This is because the kWh meter reading used for NPC SPUG's billing to BOHECO I is identical to BOHECO I's meter reading for sales to the Island Barangays. This alignment stems from a clustering setup, employing a single meter known as the Mother Meter for meter reading. NPC SPUG also utilizes this Mother Meter.




**Power Supply Contracting.**

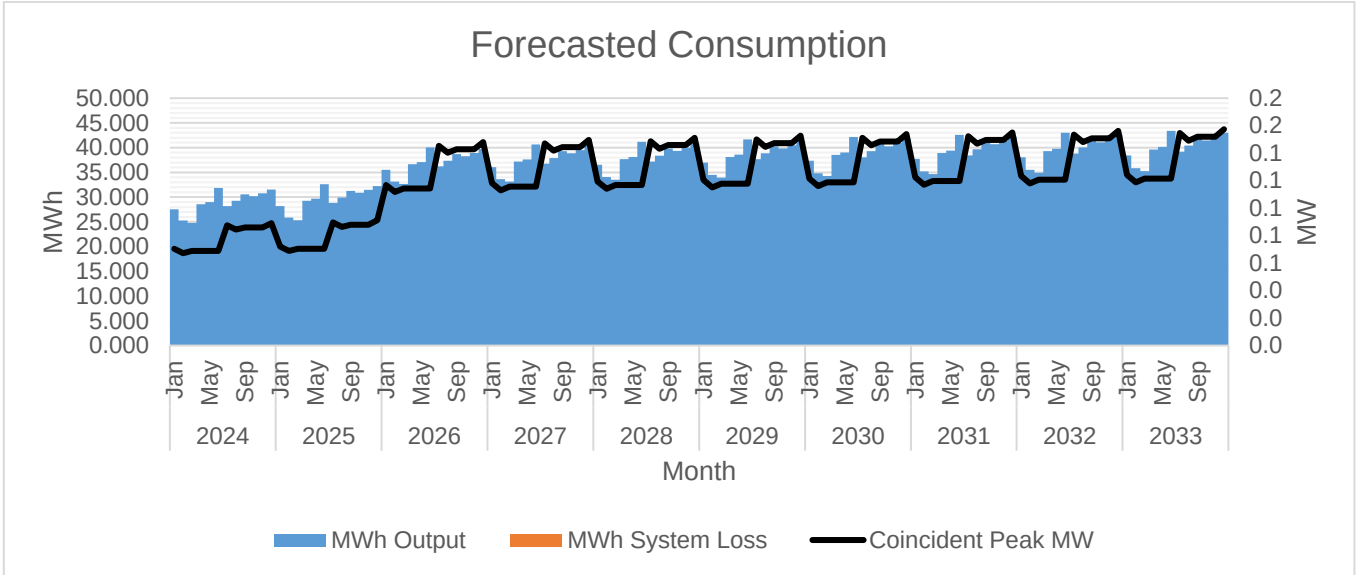
The highest target contracting level is 100% which is expected to occur in the entire contract period.

| | | MWh Offtake | MWh Output |
|---|---|---|---|
| 2024 | Jan | 27.533 | 27.533 |
| | Feb | 25.266 | 25.266 |
| | Mar | 24.779 | 24.779 |
| | Apr | 28.591 | 28.591 |
| | May | 29.015 | 29.015 |
| | Jun | 31.855 | 31.855 |
| | Jul | 28.177 | 28.177 |
| | Aug | 29.259 | 29.259 |
| | Sep | 30.578 | 30.578 |
| | Oct | 30.173 | 30.173 |
| | Nov | 30.773 | 30.773 |
| | Dec | 31.525 | 31.525 |
| 2025 | Jan | 28.172 | 28.172 |
| | Feb | 25.853 | 25.853 |
| | Mar | 25.354 | 25.354 |
| | Apr | 29.255 | 29.255 |
| | May | 29.689 | 29.689 |
| | Jun | 32.595 | 32.595 |
| | Jul | 28.832 | 28.832 |
| | Aug | 29.939 | 29.939 |
| | Sep | 31.288 | 31.288 |
| | Oct | 30.874 | 30.874 |
| | Nov | 31.488 | 31.488 |
| | Dec | 32.257 | 32.257 |
| 2026 | Jan | 35.536 | 35.536 |
| | Feb | 33.169 | 33.169 |
| | Mar | 32.661 | 32.661 |
| | Apr | 36.641 | 36.641 |
| | May | 37.083 | 37.083 |
| | Jun | 40.048 | 40.048 |
| | Jul | 36.209 | 36.209 |
| | Aug | 37.338 | 37.338 |
| | Sep | 38.715 | 38.715 |
| | Oct | 38.292 | 38.292 |
| | Nov | 38.918 | 38.918 |
| | Dec | 39.703 | 39.703 |
| 2027 | Jan | 36.052 | 36.052 |
| | Feb | 33.643 | 33.643 |
| | Mar | 33.125 | 33.125 |
| | Apr | 37.177 | 37.177 |
| | May | 37.627 | 37.627 |
| | Jun | 40.646 | 40.646 |
| | Jul | 36.737 | 36.737 |
| | Aug | 37.887 | 37.887 |

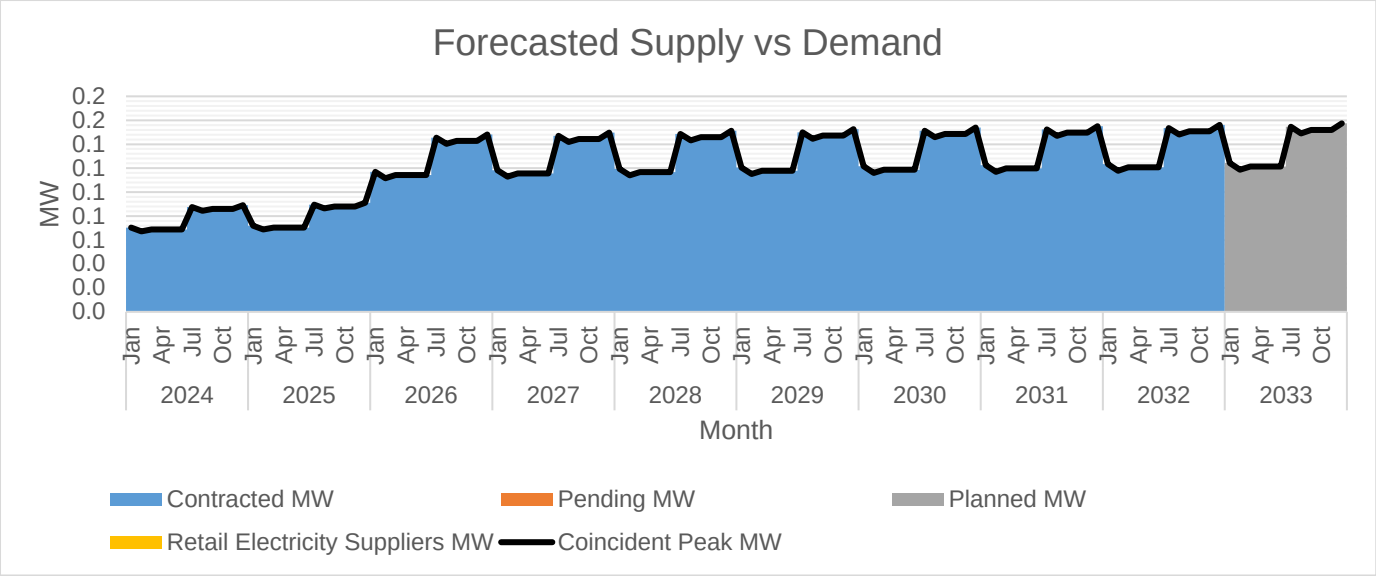
| | | MWh Offtake | MWh Output |
|---|---|---|---|
| | Sep | 39.288 | 39.288 |
| | Oct | 38.858 | 38.858 |
| | Nov | 39.496 | 39.496 |
| | Dec | 40.294 | 40.294 |
| 2028 | Jan | 36.523 | 36.523 |
| | Feb | 34.075 | 34.075 |
| | Mar | 33.549 | 33.549 |
| | Apr | 37.666 | 37.666 |
| | May | 38.123 | 38.123 |
| | Jun | 41.191 | 41.191 |
| | Jul | 37.219 | 37.219 |
| | Aug | 38.387 | 38.387 |
| | Sep | 39.811 | 39.811 |
| | Oct | 39.374 | 39.374 |
| | Nov | 40.022 | 40.022 |
| | Dec | 40.834 | 40.834 |
| 2029 | Jan | 36.956 | 36.956 |
| | Feb | 34.472 | 34.472 |
| | Mar | 33.939 | 33.939 |
| | Apr | 38.115 | 38.115 |
| | May | 38.579 | 38.579 |
| | Jun | 41.691 | 41.691 |
| | Jul | 37.662 | 37.662 |
| | Aug | 38.847 | 38.847 |
| | Sep | 40.292 | 40.292 |
| | Oct | 39.848 | 39.848 |
| | Nov | 40.506 | 40.506 |
| | Dec | 41.329 | 41.329 |
| 2030 | Jan | 37.356 | 37.356 |
| | Feb | 34.840 | 34.840 |
| | Mar | 34.299 | 34.299 |
| | Apr | 38.532 | 38.532 |
| | May | 39.001 | 39.001 |
| | Jun | 42.155 | 42.155 |
| | Jul | 38.072 | 38.072 |
| | Aug | 39.273 | 39.273 |
| | Sep | 40.737 | 40.737 |
| | Oct | 40.287 | 40.287 |
| | Nov | 40.953 | 40.953 |
| | Dec | 41.788 | 41.788 |
| 2031 | Jan | 37.730 | 37.730 |
| | Feb | 35.182 | 35.182 |
| | Mar | 34.635 | 34.635 |
| | Apr | 38.919 | 38.919 |
| | May | 39.395 | 39.395 |
| | Jun | 42.587 | 42.587 |
| | Jul | 38.454 | 38.454 |
| | Aug | 39.669 | 39.669 |

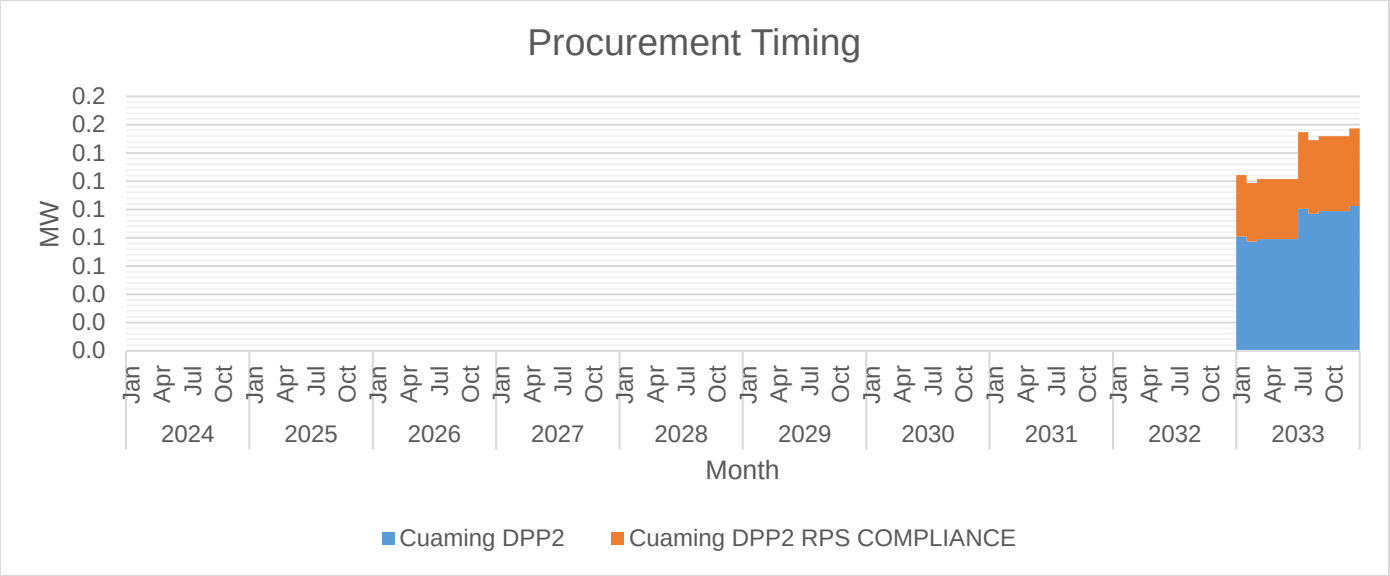
| | | MWh Offtake | MWh Output |
|---|---|---|---|
| | Sep | 41.151 | 41.151 |
| | Oct | 40.696 | 40.696 |
| | Nov | 41.370 | 41.370 |
| | Dec | 42.215 | 42.215 |
| 2032 | Jan | 38.079 | 38.079 |
| | Feb | 35.503 | 35.503 |
| | Mar | 34.950 | 34.950 |
| | Apr | 39.282 | 39.282 |
| | May | 39.763 | 39.763 |
| | Jun | 42.991 | 42.991 |
| | Jul | 38.812 | 38.812 |
| | Aug | 40.041 | 40.041 |
| | Sep | 41.539 | 41.539 |
| | Oct | 41.079 | 41.079 |
| | Nov | 41.761 | 41.761 |
| | Dec | 42.615 | 42.615 |
| 2033 | Jan | 38.429 | 38.429 |
| | Feb | 35.824 | 35.824 |
| | Mar | 35.265 | 35.265 |
| | Apr | 39.645 | 39.645 |
| | May | 40.131 | 40.131 |
| | Jun | 43.395 | 43.395 |
| | Jul | 39.170 | 39.170 |
| | Aug | 40.413 | 40.413 |
| | Sep | 41.927 | 41.927 |
| | Oct | 41.462 | 41.462 |
| | Nov | 42.152 | 42.152 |
| | Dec | 43.015 | 43.015 |

MWh Offtake was forecasted using an Excel-based forecasting model. The assumed load factor averages at 44.52%.




MWh Output was expected to grow at an average rate of 3.70% annually.



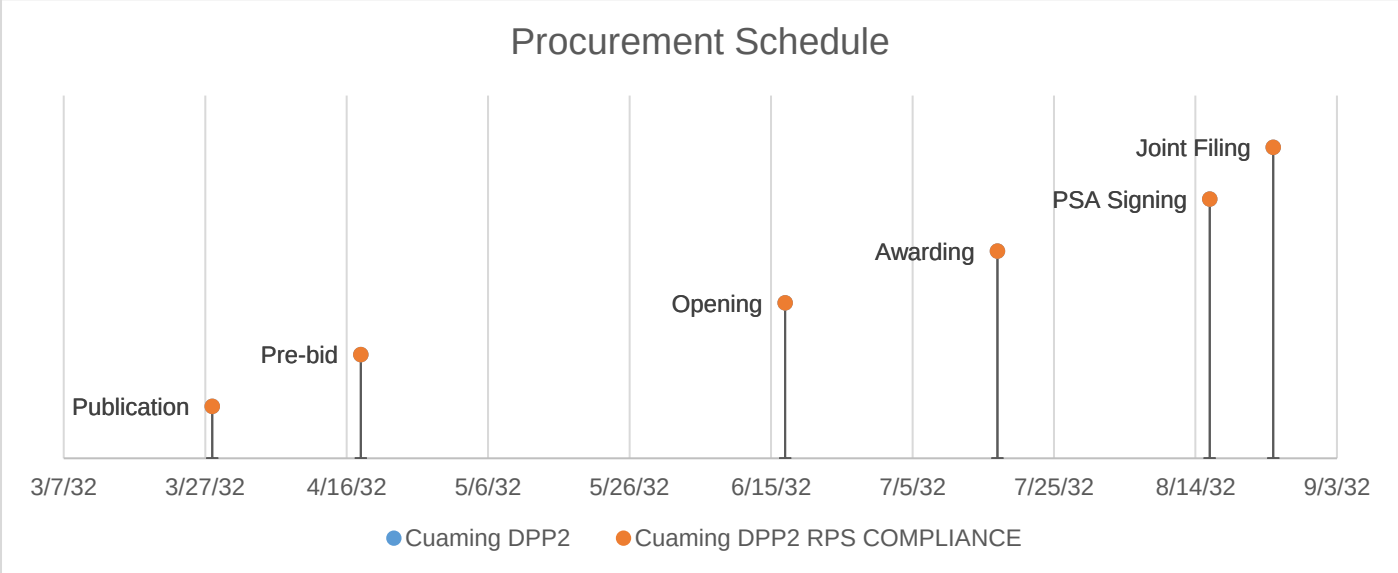

The first wave of supply procurement will be for 0.077 MW minimum and 0.055 MW minimum from an eligible RE which is planned to be available on December 26, 2032. The planned CSP will address the forecasted demand requirement for the year 2033 onwards.

## Power Supply

| Case No. | Type | GenCo | Minimum MW | Minimum MWh/yr | PSA Start | PSA End |
|---|---|---|---|---|---|---|
| Cuaming DPP_NPC-SPUG | Base | National Power Corporation | 0.065 | 338 | 12/26/2022 | 12/25/2032 |
| CuamIng DPP_NPC-SPUG RPS COMLIANCE | Base | National Power Corporation | 0.055 | 82 | 12/26/2022 | 12/25/2032 |

The Power Supply Agreement (PSA) with CuamingIsland as well as other islands under the coverage area of BOHECO I was renewed up to ten years. Under Section 3 of the approved PSA states that, "*This PSA shall remain in full force and effect for TEN (10) years from 26 December 2022 to 25 December 2032 covering the areas of Bagongbanwa, Balicasag, Batasan, Bilangbilangan, Cuaming. Hambongan, Mantatao, Mocaboc, Pamilacan, Pangapasan, and Ubay, renewable by mutual consent of the Parties*.

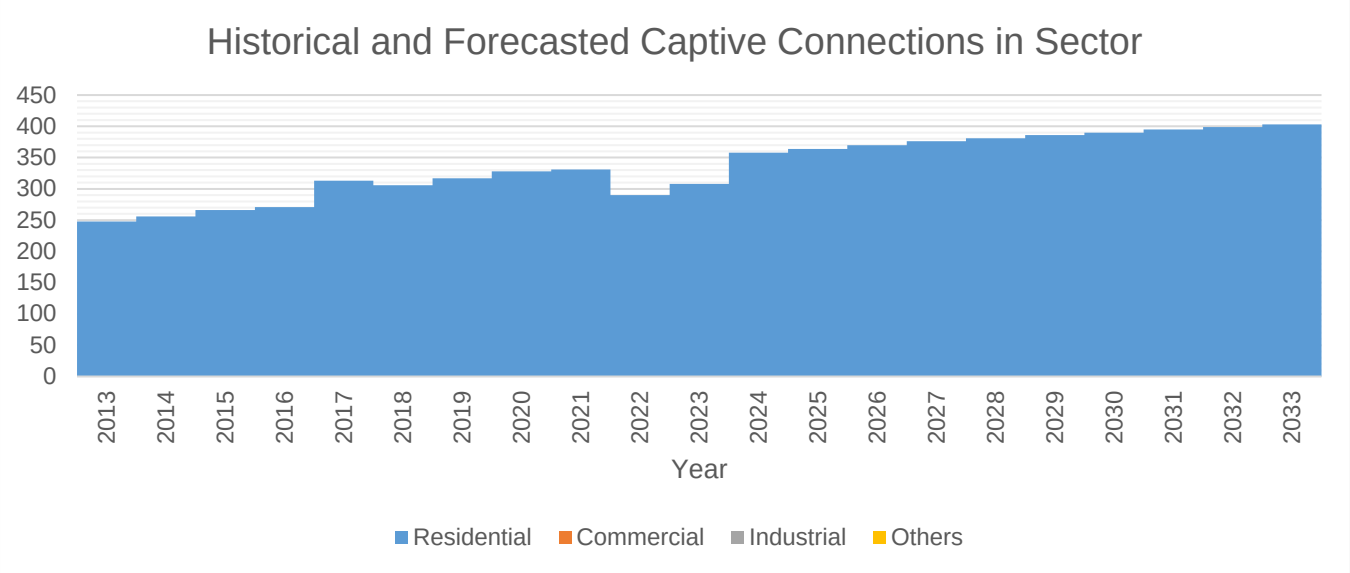
| | Cuaming DPP2 | Cuaming DPP2 RPS COMPLIANCE |
|---|---|---|
| Type | Base | Base |
| Minimum MW | 0.077 | 0.06 |
| Minimum MWh/yr | 399 | 82 |
| PSA Start | 12/26/2032 | 12/26/2042 |
| PSA End | 12/25/2042 | 12/25/2042 |
| Publication | 3/28/2032 | 3/28/2032 |
| Pre-bid | 4/18/2032 | 4/18/2032 |
| Opening | 6/17/2032 | 6/17/2032 |
| Awarding | 7/17/2032 | 7/17/2032 |
| PSA Signing | 8/16/2032 | 8/16/2032 |
| Joint Filing | 8/25/2032 | 8/25/2032 |




For the procurement of 0.077 MW minimum and 0.055 MW minimum from an eligible RE which is planned to be available on December 26, 2032, the first publication or launch of CSP will be on March 28, 2032. The planned CSP will address the forecasted demand requirement of CUAMING ISLAND.

Joint filing is planned on August 25, 2032. However, the above schedule is subject to change to comply the CSP rulings and/or the completeness of the CSP process.

## Captive Customer Connections




The number of Residential connections is expected to grow at an average rate of 1.32% annually. Said customer class is expected to account for 100% of the total consumption.