

Power Supply Procurement Plan 2024

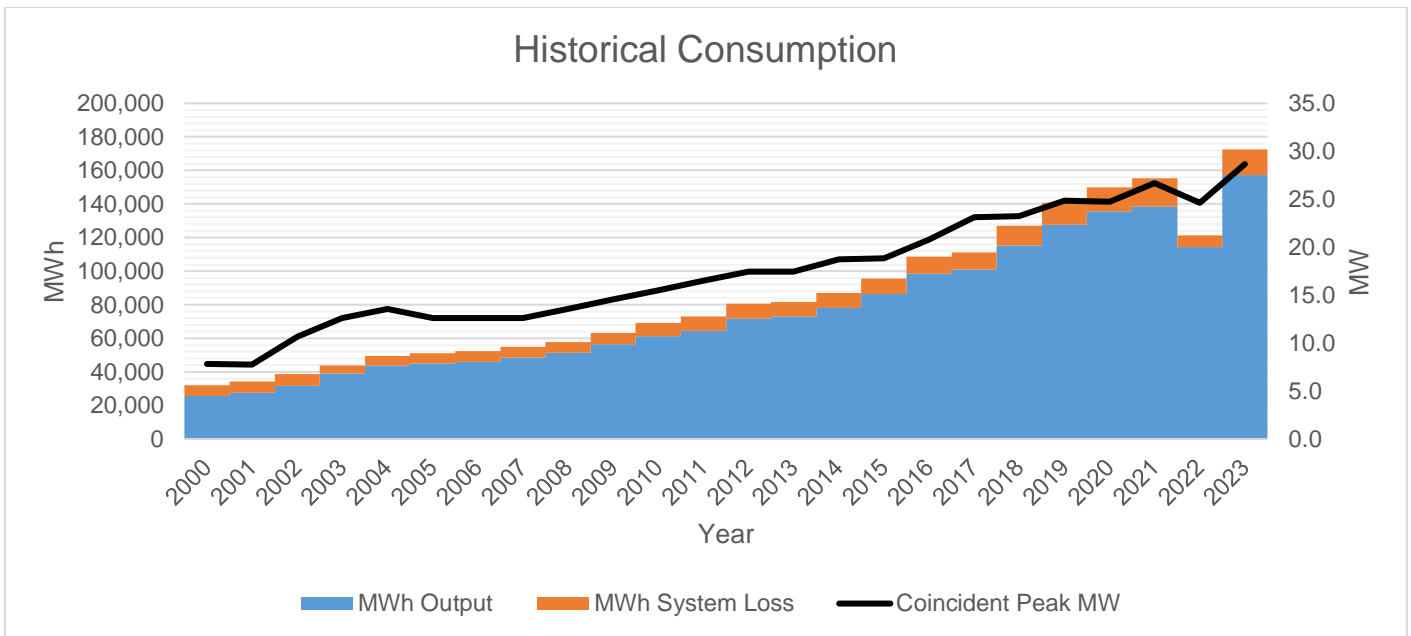
**BOHOL II ELECTRIC COOPERATIVE, INC.
[BOHECO II]**



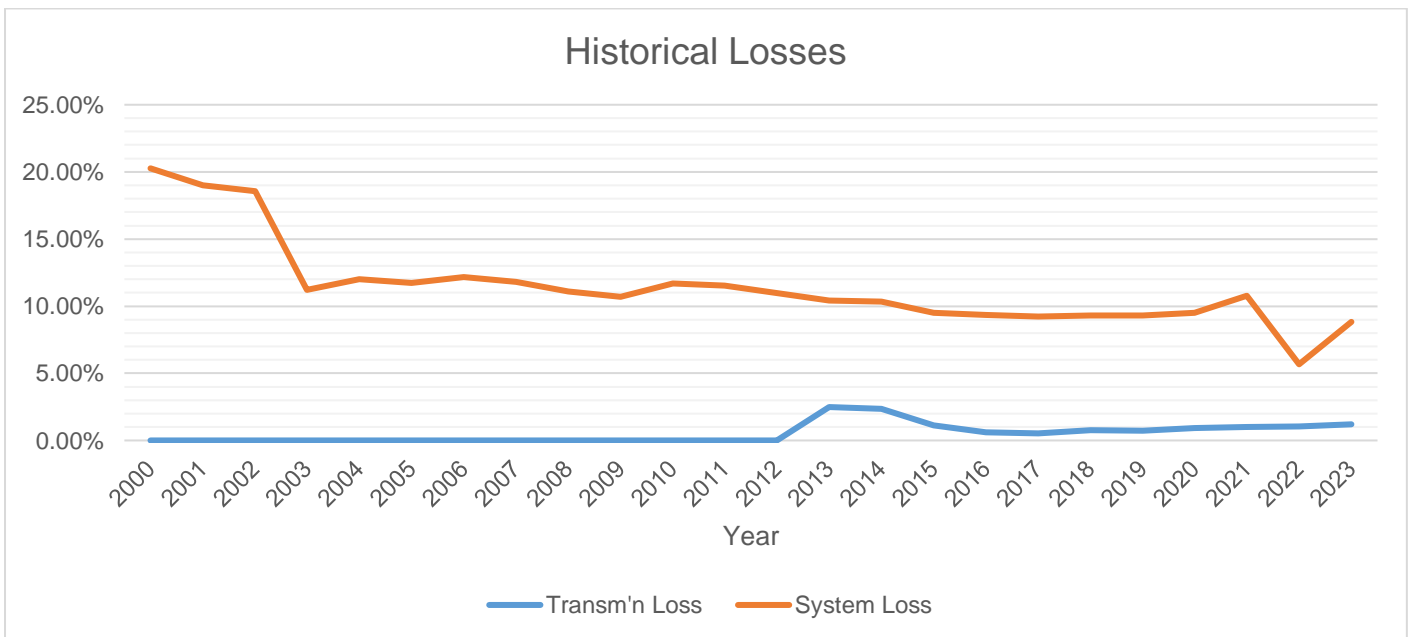
Historical Consumption Data

| | Coincident Peak MW | MWh Offtake | WESM | MWh Input | MWh Output | MWh System Loss | Load Factor | Discrepancy | Transm'n Loss | System Loss |
|------|--------------------|-------------|---------|-----------|------------|-----------------|-------------|-------------|---------------|-------------|
| 2000 | 7.83 | 32,059 | 0 | 32,059 | 25,562 | 6,496 | 47% | 0.00% | 0.00% | 20.26% |
| 2001 | 7.76 | 34,215 | 0 | 34,215 | 27,708 | 6,507 | 50% | 0.00% | 0.00% | 19.02% |
| 2002 | 10.67 | 38,812 | 0 | 38,812 | 31,604 | 7,208 | 42% | 0.00% | 0.00% | 18.57% |
| 2003 | 12.61 | 43,900 | 0 | 43,900 | 38,971 | 4,929 | 40% | 0.00% | 0.00% | 11.23% |
| 2004 | 13.58 | 49,644 | 0 | 49,644 | 43,685 | 5,959 | 42% | 0.00% | 0.00% | 12.00% |
| 2005 | 12.61 | 50,944 | 0 | 50,944 | 44,963 | 5,981 | 46% | 0.00% | 0.00% | 11.74% |
| 2006 | 12.61 | 52,406 | 0 | 52,406 | 46,022 | 6,384 | 47% | 0.00% | 0.00% | 12.18% |
| 2007 | 12.61 | 54,949 | 0 | 54,949 | 48,449 | 6,500 | 50% | 0.00% | 0.00% | 11.83% |
| 2008 | 13.58 | 57,840 | 0 | 57,840 | 51,427 | 6,413 | 49% | 0.00% | 0.00% | 11.09% |
| 2009 | 14.55 | 63,298 | 0 | 63,298 | 56,522 | 6,776 | 50% | 0.00% | 0.00% | 10.70% |
| 2010 | 15.52 | 69,304 | 0 | 69,304 | 61,208 | 8,096 | 51% | 0.00% | 0.00% | 11.68% |
| 2011 | 16.49 | 72,911 | 0 | 72,911 | 64,516 | 8,395 | 50% | 0.00% | 0.00% | 11.51% |
| 2012 | 17.46 | 80,604 | 0 | 80,604 | 71,757 | 8,847 | 53% | 0.00% | 0.00% | 10.98% |
| 2013 | 17.46 | 83,662 | 14,350 | 81,580 | 73,088 | 8,492 | 53% | 0.00% | 2.49% | 10.41% |
| 2014 | 18.75 | 89,151 | -4,615 | 87,062 | 78,073 | 8,989 | 53% | 0.00% | 2.34% | 10.32% |
| 2015 | 18.87 | 96,592 | -20,803 | 95,496 | 86,405 | 9,091 | 58% | 0.00% | 1.13% | 9.52% |
| 2016 | 20.78 | 109,334 | 8,740 | 108,675 | 98,502 | 10,173 | 60% | 0.00% | 0.60% | 9.36% |
| 2017 | 23.12 | 111,691 | -13,509 | 111,115 | 100,845 | 10,269 | 55% | 0.00% | 0.52% | 9.24% |
| 2018 | 23.21 | 127,901 | -5,225 | 126,946 | 115,145 | 11,800 | 62% | 0.00% | 0.75% | 9.30% |
| 2019 | 24.85 | 141,888 | -18,906 | 140,885 | 127,781 | 13,104 | 65% | 0.00% | 0.71% | 9.30% |
| 2020 | 24.76 | 151,426 | -10,124 | 149,997 | 135,733 | 14,263 | 69% | 0.00% | 0.94% | 9.51% |
| 2021 | 26.70 | 156,944 | -5,407 | 155,363 | 138,627 | 16,736 | 66% | 0.00% | 1.01% | 10.77% |
| 2022 | 24.64 | 122,464 | -2,856 | 121,197 | 114,322 | 6,875 | 56% | 0.00% | 1.03% | 5.67% |
| 2023 | 28.66 | 174,579 | 37,108 | 172,452 | 157,191 | 15,261 | 69% | 0.00% | 1.22% | 8.85% |

Peak Demand increased from 24.64 MW in 2022 to 28.66 MW in 2023 at a rate of 16% due to the increase in the number of consumers, especially big loads consumers. MWh Offtake also increased from 122,464 MWh in 2022 to 174,579 MWh in 2023 at a rate of 43% due to the full restoration of the damaged facilities brought by Typhoon Odette. Within the same period, Load Factor ranged from 56% to 69%.

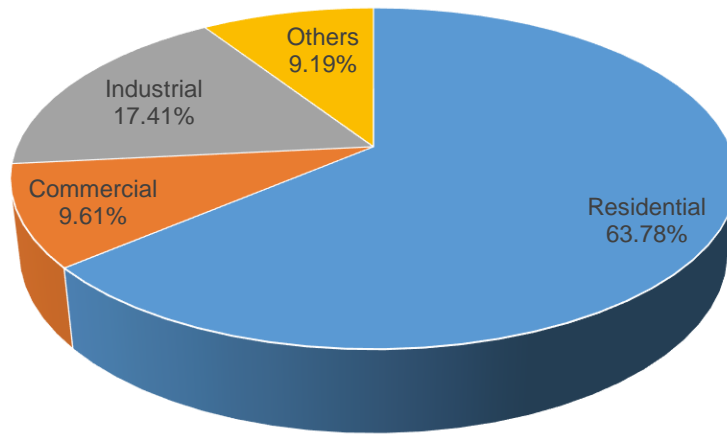


MWh Output increased from year 2022 to year 2023 at a rate of 37%, while MWh System Loss also increased at a rate of 122% within the same period.



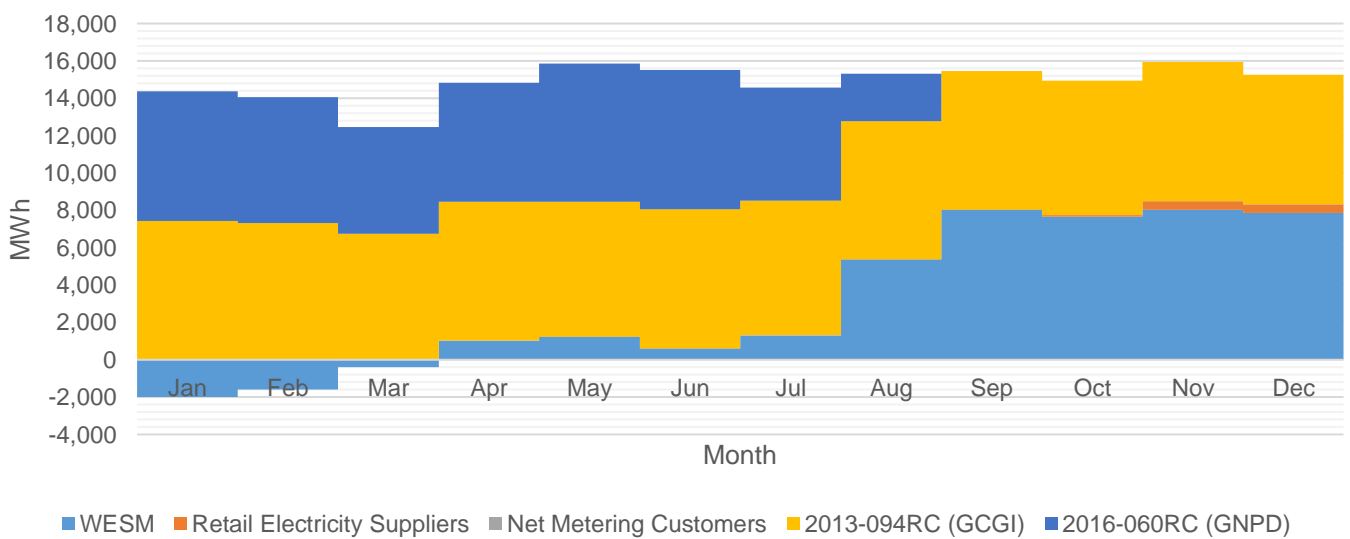
Historically, Transmission Loss ranged from 0.52% to 2.49% while System Loss ranged from 5.67% to 20.26%. Transmission Loss peaked at 2.49% on year 2013. System Loss peaked at 20.26% on year 2000.

Previous Year's Shares of Energy Sales



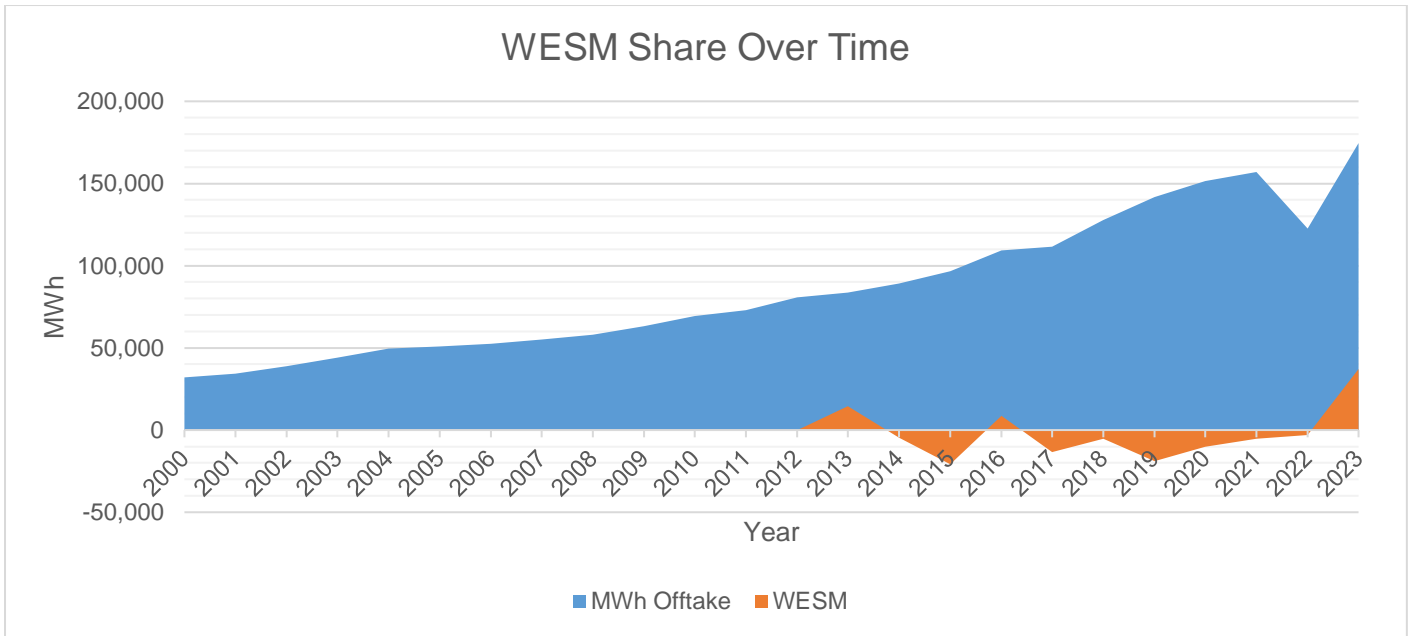
Residential customers account for the bulk of energy sales at 63.78% due to the high number of connections. In contrast, Others, which consists of Public Buildings and Streetlights, customers accounted for only 9.19% combined of energy sales due to the low number of connections.

MWh Offtake for Last Historical Year



For Green Core Geothermal, Inc. (GCGI) and GNPower Dinginin Ltd. Co. (GNPD) suppliers, the total Offtake for the last historical year is equal to the quantity stipulated in the PSA. The PSA with GCGI accounts for the bulk of MWh Offtake.

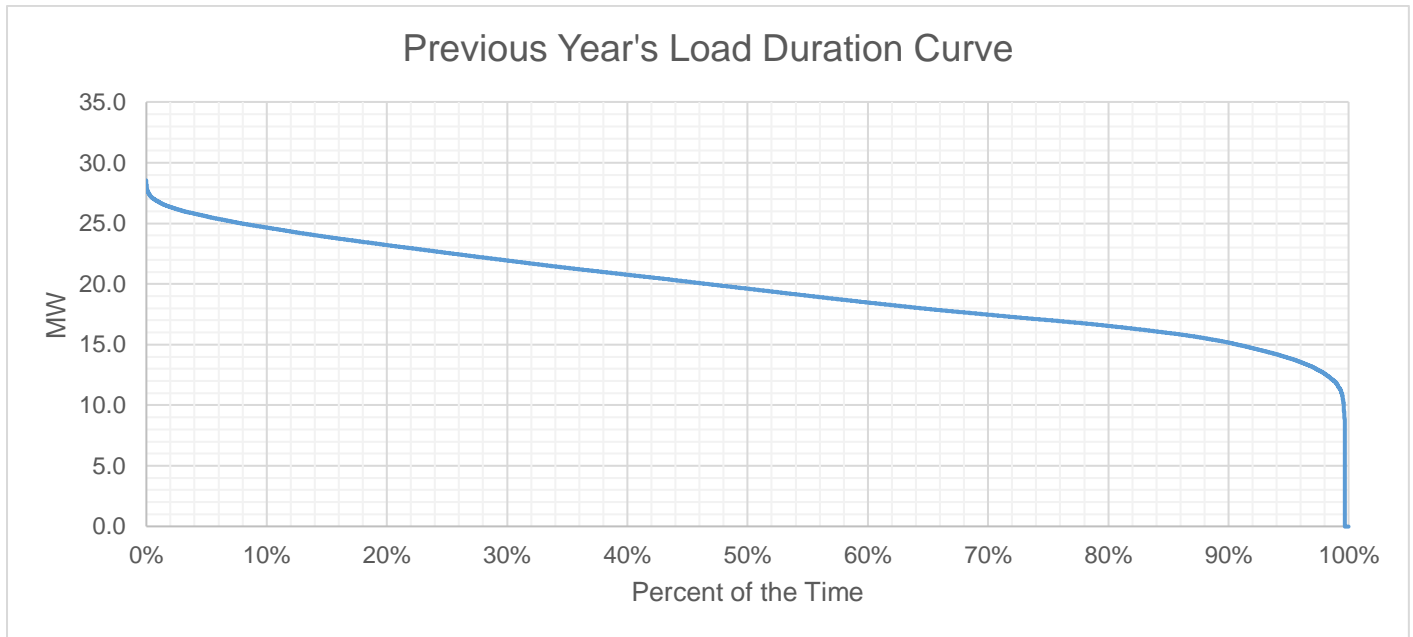
As shown in the above chart, the PSA with GNPD was terminated on August last year through the directives of the Energy Regulatory Commission in connection with the Supreme Court decision on the Alyansa Case.



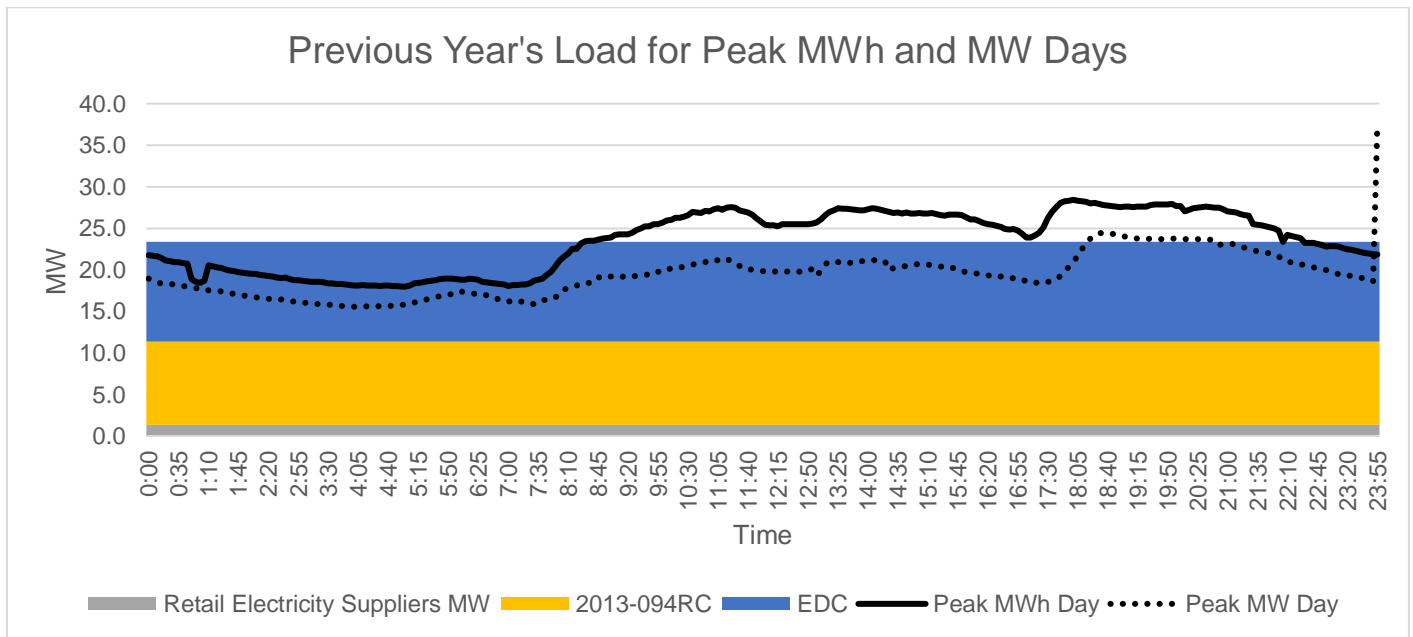
WESM Offtake increased from -2,856 MWh in 2022 to 37,108 MWh in 2023. The abrupt increase in the WESM Offtake is due to the sudden termination of the PSA between BOHECO II and GNPD which has a contracted capacity of 12 MW.

The share of WESM in the total Offtake ranged from -22% to 21%. The net WESM transaction is negative from 2017 to 2022. The negative sign indicates MWh quantity is sold to WESM. Maximizing the PSA contracts resulted in greater Bilateral Contract Quantity (BCQ) compared to the Metered Quantity (MQ) which is the actual energy consumption.

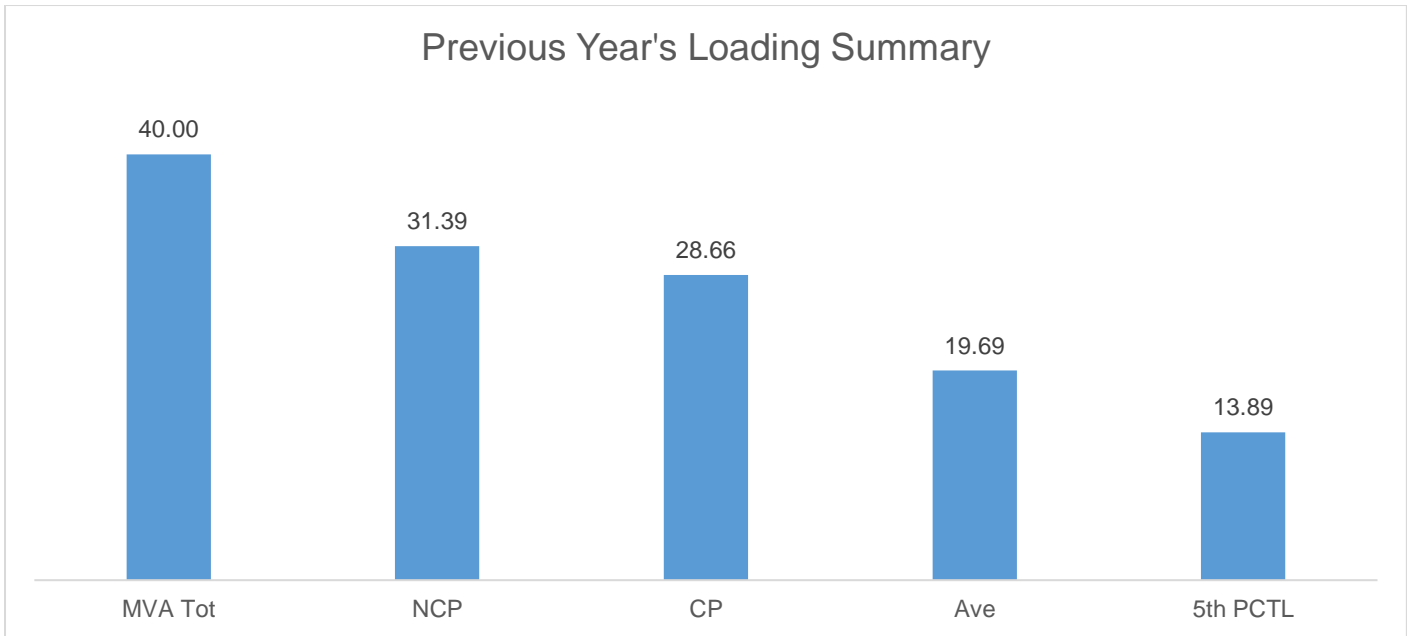
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 0 MW and the maximum load is 28.66 MW for the last historical year.



Peak MW and Peak daily MWh occurred on nighttime. BOHECO II is highly residential whose peak demand occurs at night-time. As shown in the Load Curves, the available supply is 6.66 MW lower than the Peak Demand.



The Non-coincident Peak Demand is 31.39 MW, which is around 78% of the total substation capacity of 40 MVA at a power factor of 0.99. The load factor or the ratio between the Average Load of 19.69 MW and the Non-coincident Peak Demand is 63% of. A safe estimate of the true minimum load is the fifth percentile load of 13.89 MW which is 44% of the Non-coincident Peak Demand.

| Metering Point | Substation MVA | Substation Peak MW |
|-----------------------|----------------|--------------------|
| Imelda Substation | 5 | 4.284 |
| Garcia Substation | 5 | 2.407 |
| Alicia Substation | 5 | 4.751 |
| Trinidad Substation | 10 | 8.461 |
| Guindulman Substation | 5 | 3.636 |
| Mahayag Substation | 5 | 4.334 |
| Cantagay Substation | 5 | 3.515 |

The substations loaded at above 70% are Imelda Substation, Alicia Substation and Mahayag Substation. This loading problem will be solved by the installation of the proposed substations in Tulang, Getafe and Lomangog, Ubay with a capacity of 5 MVA and 10 MVA respectively and the uprating of the Alicia Substation from 5 MVA to 10 MVA.

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 | 29.65 | 10.00 | 12.00 | 0.000 | 1.36 | 35% | 78% | -6.28 |
| | Feb | 27.59 | 10.00 | 12.00 | 0.000 | 1.19 | 38% | 83% | -4.40 |
| | Mar | 27.96 | 10.00 | 12.00 | 0.000 | 1.34 | 38% | 83% | -4.62 |
| | Apr | 30.66 | 10.00 | 12.00 | 0.000 | 1.41 | 34% | 75% | -7.25 |
| | May | 31.98 | 10.00 | 12.00 | 0.000 | 1.43 | 33% | 72% | -8.55 |
| | Jun | 32.69 | 10.00 | 12.00 | 0.000 | 1.38 | 32% | 70% | -9.31 |
| | Jul | 30.70 | 10.00 | 12.00 | 0.000 | 1.40 | 34% | 75% | -7.31 |
| | Aug | 31.17 | 10.00 | 12.00 | 0.000 | 1.39 | 34% | 74% | -7.78 |
| | Sep | 31.08 | 10.00 | 12.00 | 0.000 | 1.43 | 34% | 74% | -7.65 |
| | Oct | 33.29 | 10.00 | 12.00 | 0.000 | 1.81 | 32% | 70% | -9.48 |
| | Nov | 32.33 | 10.00 | 12.00 | 0.000 | 1.72 | 33% | 72% | -8.61 |
| | Dec | 31.59 | 10.00 | 12.00 | 0.000 | 1.66 | 33% | 74% | -7.92 |
| 2025 | Jan | 30.93 | 10.00 | 14.00 | 0.000 | 1.42 | 34% | 81% | -5.50 |
| | Feb | 28.78 | 10.00 | 14.00 | 0.000 | 1.24 | 36% | 87% | -3.54 |
| | Mar | 29.17 | 10.00 | 14.00 | 0.000 | 1.40 | 36% | 86% | -3.77 |
| | Apr | 31.98 | 10.00 | 14.00 | 0.000 | 1.47 | 33% | 79% | -6.51 |
| | May | 33.36 | 10.00 | 14.00 | 0.000 | 1.49 | 31% | 75% | -7.87 |
| | Jun | 34.10 | 10.00 | 14.00 | 0.000 | 1.44 | 31% | 73% | -8.66 |
| | Jul | 32.03 | 10.00 | 14.00 | 0.000 | 1.46 | 33% | 78% | -6.57 |
| | Aug | 32.52 | 10.00 | 14.00 | 0.000 | 1.45 | 32% | 77% | -7.07 |
| | Sep | 32.42 | 10.00 | 14.00 | 0.000 | 1.49 | 32% | 78% | -6.93 |
| | Oct | 34.72 | 10.00 | 14.00 | 0.000 | 1.89 | 30% | 73% | -8.84 |
| | Nov | 33.73 | 10.00 | 14.00 | 0.000 | 1.80 | 31% | 75% | -7.93 |
| | Dec | 32.95 | 10.00 | 14.00 | 0.000 | 1.74 | 32% | 77% | -7.22 |
| 2026 | Jan | 32.14 | 10.00 | 16.00 | 5.000 | 1.48 | 33% | 101% | 0.34 |
| | Feb | 29.91 | 10.00 | 16.00 | 5.000 | 1.29 | 35% | 108% | 2.38 |
| | Mar | 30.31 | 10.00 | 16.00 | 5.000 | 1.45 | 35% | 107% | 2.14 |
| | Apr | 33.24 | 10.00 | 16.00 | 5.000 | 1.52 | 32% | 98% | -0.71 |
| | May | 34.67 | 10.00 | 16.00 | 5.000 | 1.54 | 30% | 94% | -2.13 |

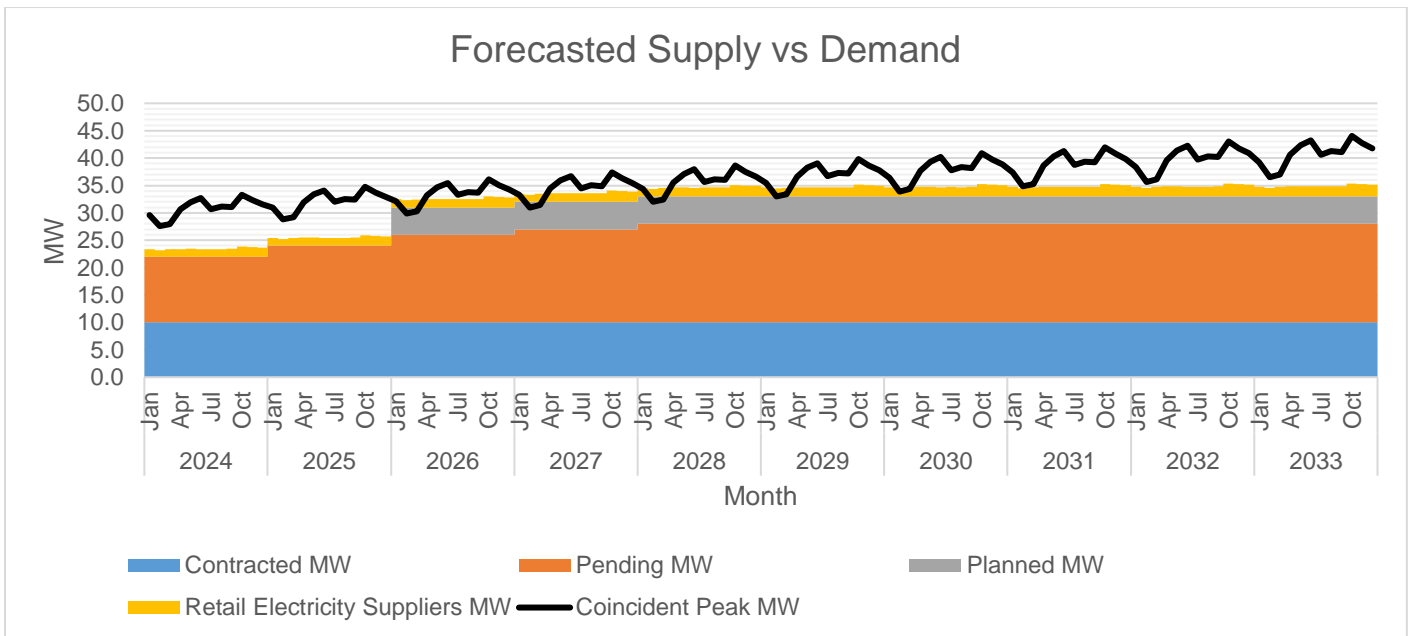
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|------|-----|-------|-------|-------|-------|------|-----|------|-------|
| | Jun | 35.44 | 10.00 | 16.00 | 5.000 | 1.50 | 29% | 91% | -2.94 |
| | Jul | 33.29 | 10.00 | 16.00 | 5.000 | 1.51 | 31% | 98% | -0.77 |
| | Aug | 33.80 | 10.00 | 16.00 | 5.000 | 1.51 | 31% | 96% | -1.29 |
| | Sep | 33.69 | 10.00 | 16.00 | 5.000 | 1.55 | 31% | 96% | -1.14 |
| | Oct | 36.09 | 10.00 | 16.00 | 5.000 | 1.96 | 29% | 91% | -3.13 |
| | Nov | 35.05 | 10.00 | 16.00 | 5.000 | 1.87 | 30% | 93% | -2.19 |
| | Dec | 34.25 | 10.00 | 16.00 | 5.000 | 1.80 | 31% | 96% | -1.44 |
| 2027 | Jan | 33.29 | 10.00 | 17.00 | 5.000 | 1.53 | 31% | 101% | 0.24 |
| | Feb | 30.99 | 10.00 | 17.00 | 5.000 | 1.34 | 34% | 108% | 2.35 |
| | Mar | 31.40 | 10.00 | 17.00 | 5.000 | 1.50 | 33% | 107% | 2.10 |
| | Apr | 34.43 | 10.00 | 17.00 | 5.000 | 1.58 | 30% | 97% | -0.85 |
| | May | 35.91 | 10.00 | 17.00 | 5.000 | 1.60 | 29% | 93% | -2.31 |
| | Jun | 36.71 | 10.00 | 17.00 | 5.000 | 1.55 | 28% | 91% | -3.16 |
| | Jul | 34.48 | 10.00 | 17.00 | 5.000 | 1.57 | 30% | 97% | -0.91 |
| | Aug | 35.01 | 10.00 | 17.00 | 5.000 | 1.56 | 30% | 96% | -1.45 |
| | Sep | 34.90 | 10.00 | 17.00 | 5.000 | 1.61 | 30% | 96% | -1.30 |
| | Oct | 37.38 | 10.00 | 17.00 | 5.000 | 2.03 | 28% | 91% | -3.35 |
| | Nov | 36.31 | 10.00 | 17.00 | 5.000 | 1.93 | 29% | 93% | -2.38 |
| | Dec | 35.47 | 10.00 | 17.00 | 5.000 | 1.87 | 30% | 95% | -1.61 |
| 2028 | Jan | 34.39 | 10.00 | 18.00 | 5.000 | 1.58 | 30% | 101% | 0.19 |
| | Feb | 32.01 | 10.00 | 18.00 | 5.000 | 1.38 | 33% | 108% | 2.37 |
| | Mar | 32.44 | 10.00 | 18.00 | 5.000 | 1.55 | 32% | 107% | 2.11 |
| | Apr | 35.56 | 10.00 | 18.00 | 5.000 | 1.63 | 29% | 97% | -0.94 |
| | May | 37.10 | 10.00 | 18.00 | 5.000 | 1.65 | 28% | 93% | -2.45 |
| | Jun | 37.93 | 10.00 | 18.00 | 5.000 | 1.60 | 28% | 91% | -3.32 |
| | Jul | 35.62 | 10.00 | 18.00 | 5.000 | 1.62 | 29% | 97% | -1.00 |
| | Aug | 36.16 | 10.00 | 18.00 | 5.000 | 1.61 | 29% | 96% | -1.55 |
| | Sep | 36.05 | 10.00 | 18.00 | 5.000 | 1.66 | 29% | 96% | -1.39 |
| | Oct | 38.62 | 10.00 | 18.00 | 5.000 | 2.10 | 27% | 90% | -3.52 |
| | Nov | 37.51 | 10.00 | 18.00 | 5.000 | 2.00 | 28% | 93% | -2.51 |
| | Dec | 36.64 | 10.00 | 18.00 | 5.000 | 1.93 | 29% | 95% | -1.72 |
| 2029 | Jan | 35.44 | 10.00 | 18.00 | 5.000 | 1.63 | 30% | 98% | -0.82 |
| | Feb | 32.99 | 10.00 | 18.00 | 5.000 | 1.42 | 32% | 105% | 1.43 |
| | Mar | 33.43 | 10.00 | 18.00 | 5.000 | 1.60 | 31% | 104% | 1.17 |
| | Apr | 36.65 | 10.00 | 18.00 | 5.000 | 1.68 | 29% | 94% | -1.97 |

| | | | | | | | | | |
|------|-----|-------|-------|-------|-------|------|-----|------|-------|
| | May | 38.23 | 10.00 | 18.00 | 5.000 | 1.70 | 27% | 90% | -3.53 |
| | Jun | 39.08 | 10.00 | 18.00 | 5.000 | 1.65 | 27% | 88% | -4.43 |
| | Jul | 36.71 | 10.00 | 18.00 | 5.000 | 1.67 | 29% | 94% | -2.04 |
| | Aug | 37.27 | 10.00 | 18.00 | 5.000 | 1.66 | 28% | 93% | -2.60 |
| | Sep | 37.15 | 10.00 | 18.00 | 5.000 | 1.71 | 28% | 93% | -2.45 |
| | Oct | 39.79 | 10.00 | 18.00 | 5.000 | 2.16 | 27% | 88% | -4.63 |
| | Nov | 38.65 | 10.00 | 18.00 | 5.000 | 2.06 | 27% | 90% | -3.60 |
| | Dec | 37.76 | 10.00 | 18.00 | 5.000 | 1.98 | 28% | 92% | -2.78 |
| 2030 | Jan | 36.45 | 10.00 | 18.00 | 5.000 | 1.67 | 29% | 95% | -1.77 |
| | Feb | 33.92 | 10.00 | 18.00 | 5.000 | 1.46 | 31% | 102% | 0.54 |
| | Mar | 34.38 | 10.00 | 18.00 | 5.000 | 1.64 | 31% | 101% | 0.27 |
| | Apr | 37.69 | 10.00 | 18.00 | 5.000 | 1.72 | 28% | 92% | -2.96 |
| | May | 39.31 | 10.00 | 18.00 | 5.000 | 1.75 | 27% | 88% | -4.57 |
| | Jun | 40.19 | 10.00 | 18.00 | 5.000 | 1.70 | 26% | 86% | -5.49 |
| | Jul | 37.75 | 10.00 | 18.00 | 5.000 | 1.71 | 28% | 92% | -3.03 |
| | Aug | 38.32 | 10.00 | 18.00 | 5.000 | 1.71 | 27% | 90% | -3.61 |
| | Sep | 38.21 | 10.00 | 18.00 | 5.000 | 1.76 | 27% | 91% | -3.45 |
| | Oct | 40.92 | 10.00 | 18.00 | 5.000 | 2.22 | 26% | 85% | -5.70 |
| | Nov | 39.75 | 10.00 | 18.00 | 5.000 | 2.11 | 27% | 88% | -4.64 |
| | Dec | 38.83 | 10.00 | 18.00 | 5.000 | 2.04 | 27% | 90% | -3.79 |
| 2031 | Jan | 37.41 | 10.00 | 18.00 | 5.000 | 1.71 | 28% | 92% | -2.70 |
| | Feb | 34.82 | 10.00 | 18.00 | 5.000 | 1.50 | 30% | 99% | -0.32 |
| | Mar | 35.29 | 10.00 | 18.00 | 5.000 | 1.69 | 30% | 98% | -0.60 |
| | Apr | 38.69 | 10.00 | 18.00 | 5.000 | 1.77 | 27% | 89% | -3.92 |
| | May | 40.35 | 10.00 | 18.00 | 5.000 | 1.79 | 26% | 86% | -5.56 |
| | Jun | 41.25 | 10.00 | 18.00 | 5.000 | 1.74 | 25% | 84% | -6.51 |
| | Jul | 38.75 | 10.00 | 18.00 | 5.000 | 1.76 | 27% | 89% | -3.99 |
| | Aug | 39.34 | 10.00 | 18.00 | 5.000 | 1.75 | 27% | 88% | -4.58 |
| | Sep | 39.22 | 10.00 | 18.00 | 5.000 | 1.80 | 27% | 88% | -4.42 |
| | Oct | 42.00 | 10.00 | 18.00 | 5.000 | 2.28 | 25% | 83% | -6.73 |
| | Nov | 40.80 | 10.00 | 18.00 | 5.000 | 2.17 | 26% | 85% | -5.63 |
| | Dec | 39.86 | 10.00 | 18.00 | 5.000 | 2.09 | 26% | 87% | -4.77 |
| 2032 | Jan | 38.34 | 10.00 | 18.00 | 5.000 | 1.76 | 27% | 90% | -3.58 |
| | Feb | 35.68 | 10.00 | 18.00 | 5.000 | 1.53 | 29% | 97% | -1.15 |
| | Mar | 36.16 | 10.00 | 18.00 | 5.000 | 1.73 | 29% | 96% | -1.43 |

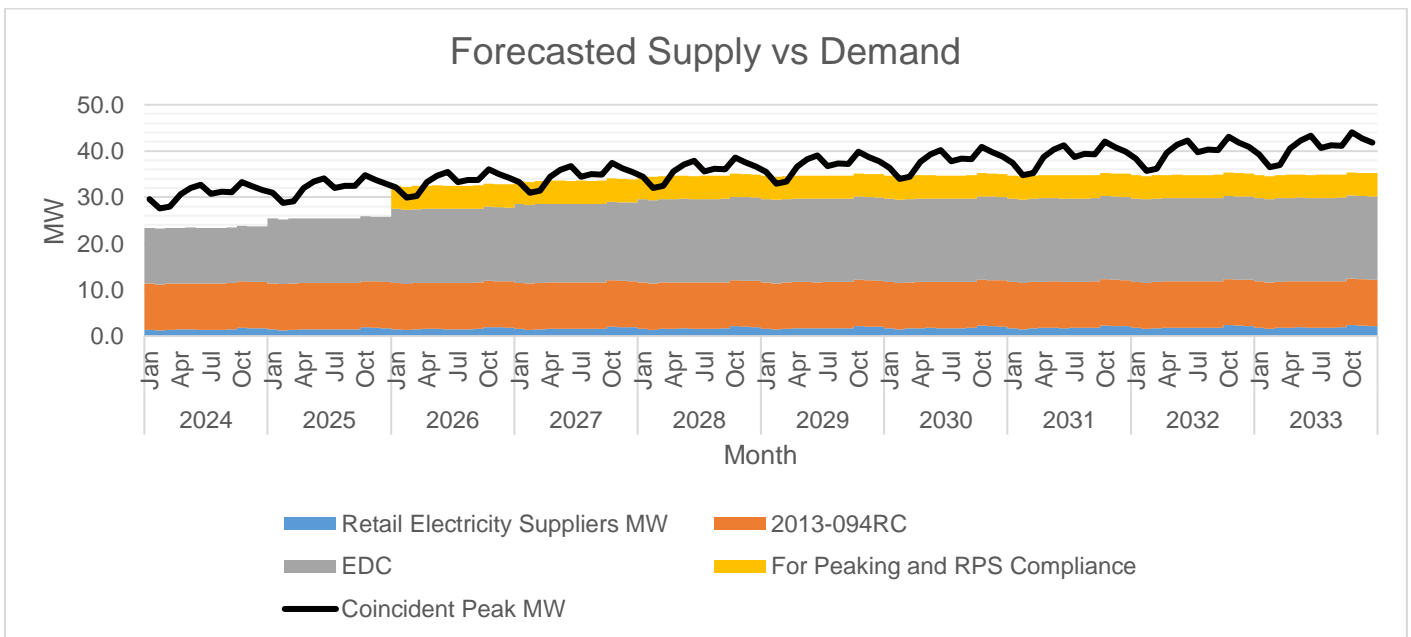
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|------|-----|-------|-------|-------|-------|------|-----|-----|-------|
| | Apr | 39.64 | 10.00 | 18.00 | 5.000 | 1.81 | 26% | 87% | -4.83 |
| | May | 41.36 | 10.00 | 18.00 | 5.000 | 1.84 | 25% | 84% | -6.52 |
| | Jun | 42.28 | 10.00 | 18.00 | 5.000 | 1.78 | 25% | 81% | -7.49 |
| | Jul | 39.71 | 10.00 | 18.00 | 5.000 | 1.80 | 26% | 87% | -4.91 |
| | Aug | 40.31 | 10.00 | 18.00 | 5.000 | 1.80 | 26% | 86% | -5.52 |
| | Sep | 40.19 | 10.00 | 18.00 | 5.000 | 1.85 | 26% | 86% | -5.34 |
| | Oct | 43.05 | 10.00 | 18.00 | 5.000 | 2.33 | 25% | 81% | -7.71 |
| | Nov | 41.81 | 10.00 | 18.00 | 5.000 | 2.22 | 25% | 83% | -6.59 |
| | Dec | 40.85 | 10.00 | 18.00 | 5.000 | 2.14 | 26% | 85% | -5.70 |
| 2033 | Jan | 39.23 | 10.00 | 18.00 | 5.000 | 1.80 | 27% | 88% | -4.43 |
| | Feb | 36.51 | 10.00 | 18.00 | 5.000 | 1.57 | 29% | 94% | -1.94 |
| | Mar | 37.00 | 10.00 | 18.00 | 5.000 | 1.77 | 28% | 94% | -2.23 |
| | Apr | 40.57 | 10.00 | 18.00 | 5.000 | 1.85 | 26% | 85% | -5.71 |
| | May | 42.32 | 10.00 | 18.00 | 5.000 | 1.88 | 25% | 82% | -7.44 |
| | Jun | 43.26 | 10.00 | 18.00 | 5.000 | 1.82 | 24% | 80% | -8.44 |
| | Jul | 40.63 | 10.00 | 18.00 | 5.000 | 1.84 | 26% | 85% | -5.79 |
| | Aug | 41.25 | 10.00 | 18.00 | 5.000 | 1.84 | 25% | 84% | -6.41 |
| | Sep | 41.13 | 10.00 | 18.00 | 5.000 | 1.89 | 25% | 84% | -6.24 |
| | Oct | 44.05 | 10.00 | 18.00 | 5.000 | 2.39 | 24% | 79% | -8.66 |
| | Nov | 42.79 | 10.00 | 18.00 | 5.000 | 2.27 | 25% | 81% | -7.52 |
| | Dec | 41.80 | 10.00 | 18.00 | 5.000 | 2.19 | 25% | 83% | -6.61 |

Forecasting of Peak Demand is determined by the quotient of forecasted energy and by the product of time (t) in year [8760 hours] and the system load factor. Furthermore, for the purpose of calculation, the system load factor was assumed to be constant in the next succeeding period of forecasting based on its historical trend in the previous year.

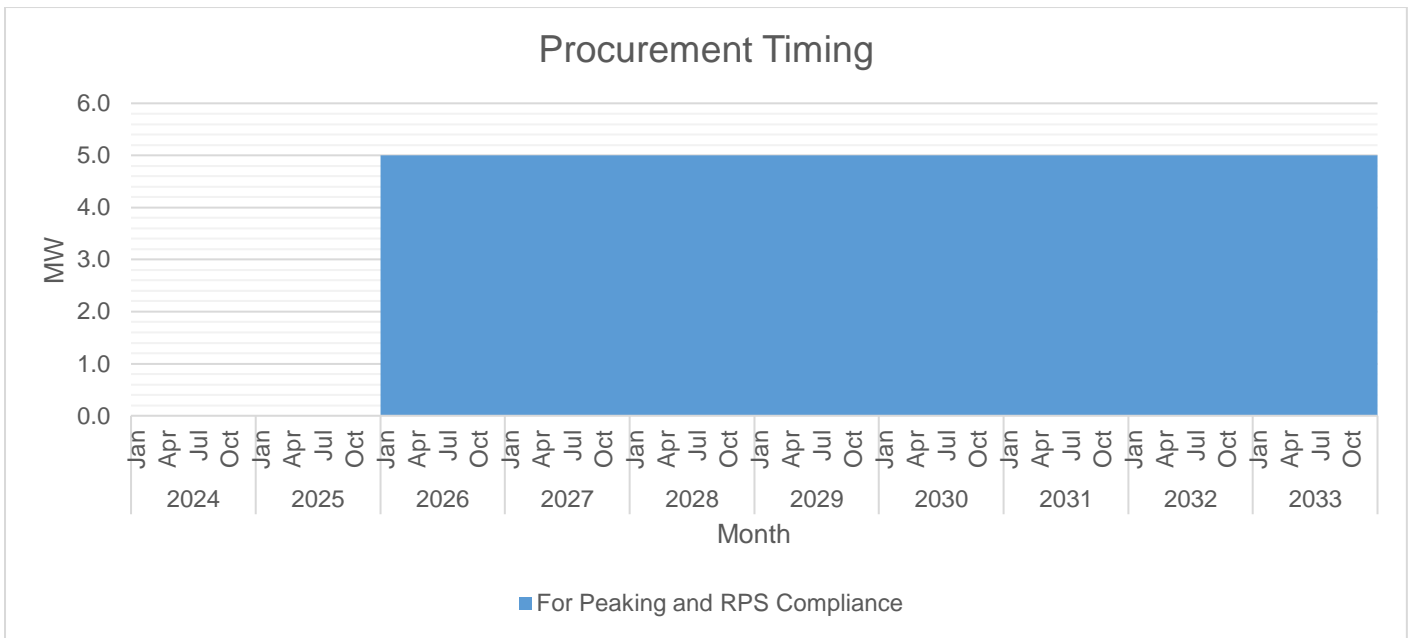
The Peak Demand was assumed to occur on the month of October. Monthly Peak Demand is at its lowest on the month of February. In general, Peak Demand is expected to grow at a rate of 3% annually.



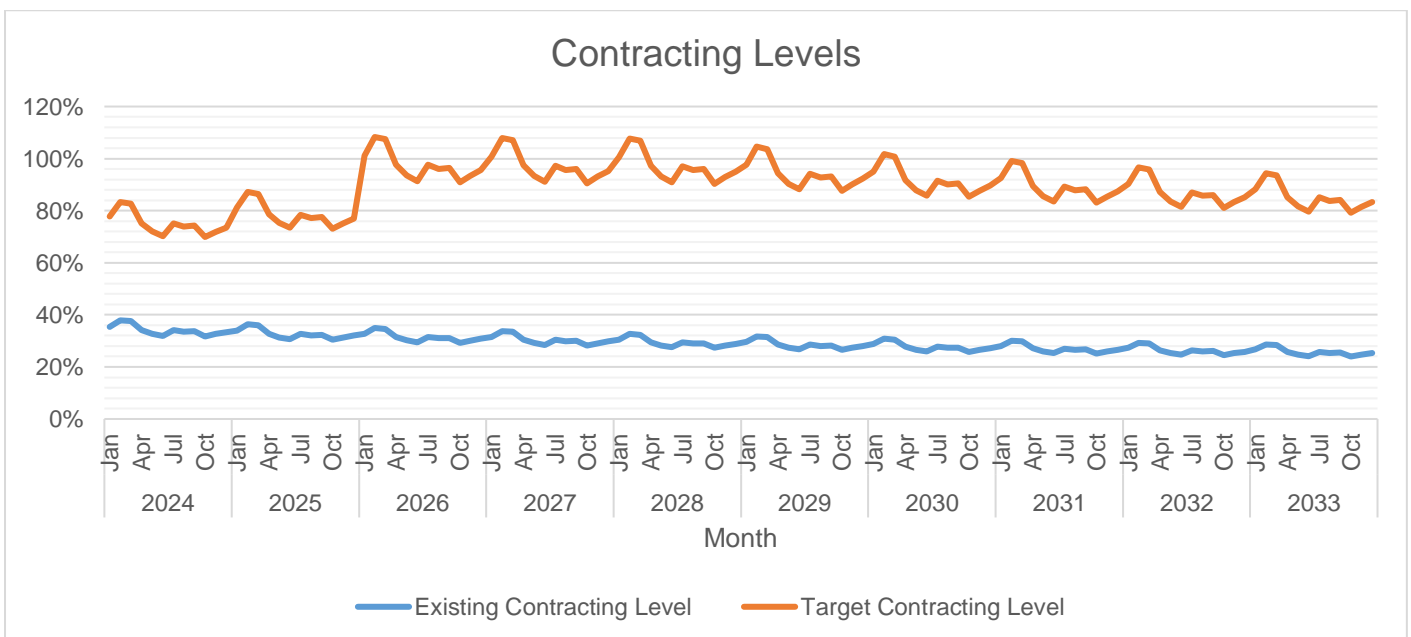
The available supply is generally below the Peak Demand. This is because of the increase of consumers, specifically the Low Voltage consumer type.



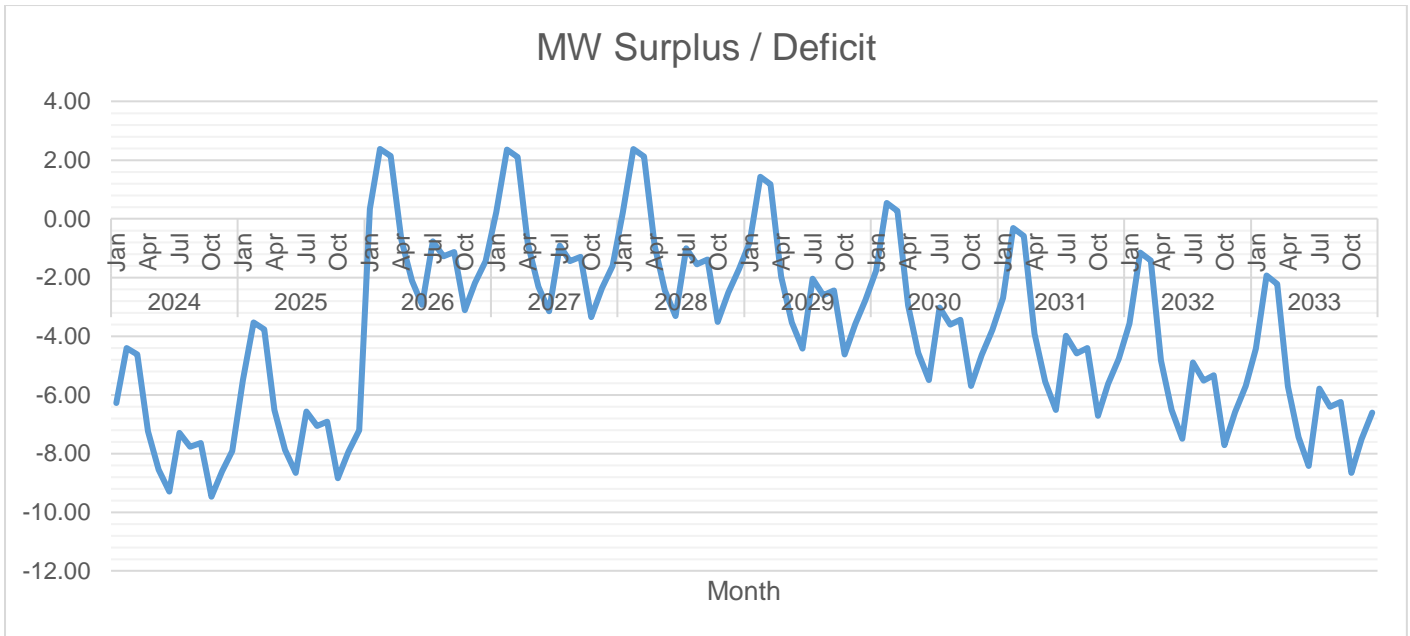
Of the available supply, the largest is 18 MW from Energy Development Corporation. This is followed by 10 MW from Green Core Geothermal, Inc.



The first wave of supply procurement will be for 5 MW planned to be available by the month of January 2026. The supply procurement is intended to supply BOHECO II's peaking requirements and as well as cover the coops RPS compliance requirements.



Currently, there is under-contracting by 35%. The highest target contracting level is 108% which is expected to occur in February 2028. The lowest target contracting level is 70% which is expected to occur in October 2024.



Currently, there is under-contacting by 6.28 MW. The highest deficit is -9.48 MW which is expected to occur on the month of October 2024. The highest surplus is 2.38 MW which is expected to occur on the month of February of 2026.

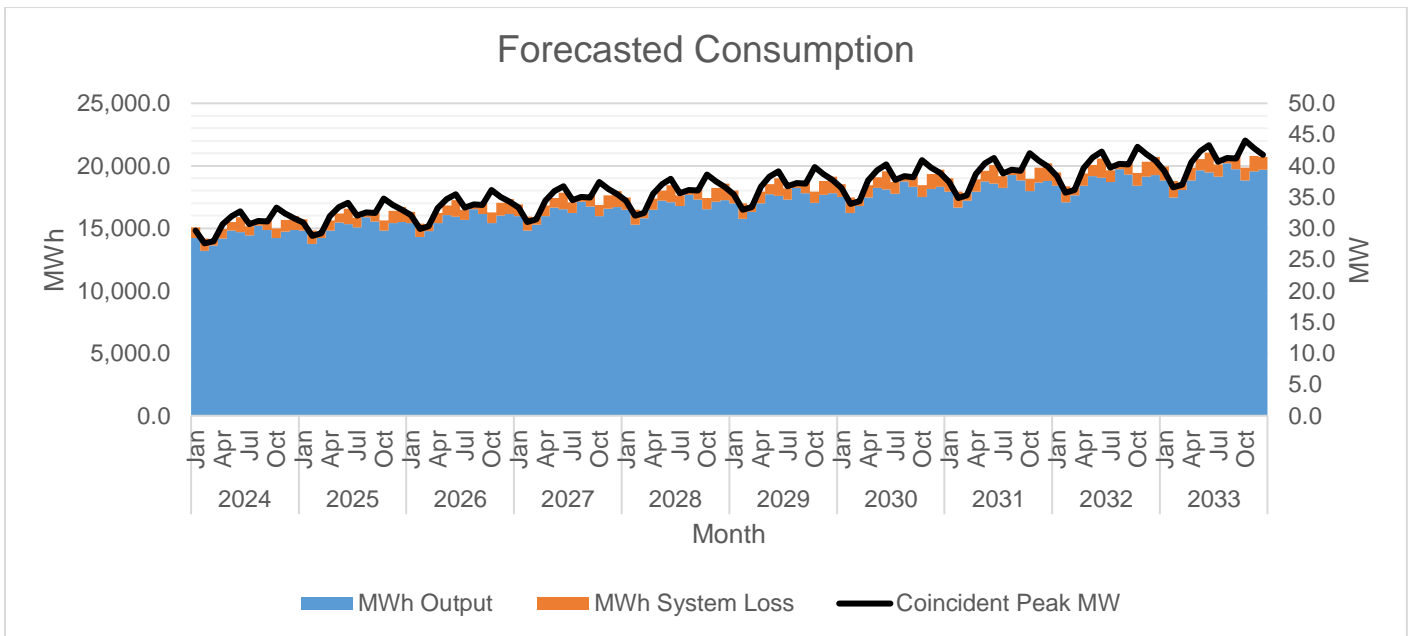
| | | MWh Offtake | MWh Output | MWh System Loss | Transm'n Loss | System Loss |
|------|-----|-------------|------------|-----------------|---------------|-------------|
| 2024 | Jan | 16,782 | 14,241 | 835 | 10.16% | 5.54% |
| | Feb | 16,744 | 13,183 | 1,014 | 15.21% | 7.14% |
| | Mar | 15,440 | 13,618 | 476 | 8.73% | 3.37% |
| | Apr | 16,835 | 14,186 | 774 | 11.13% | 5.18% |
| | May | 16,335 | 14,805 | 682 | 5.19% | 4.40% |
| | Jun | 16,857 | 14,685 | 1,187 | 5.84% | 7.48% |
| | Jul | 16,322 | 14,422 | 748 | 7.06% | 4.93% |
| | Aug | 16,858 | 15,223 | 298 | 7.93% | 1.92% |
| | Sep | 16,855 | 14,877 | 796 | 7.02% | 5.08% |
| | Oct | 16,311 | 14,210 | 778 | 8.11% | 5.19% |
| | Nov | 16,901 | 14,746 | 946 | 7.15% | 6.03% |
| | Dec | 16,358 | 14,854 | 1,120 | 2.34% | 7.01% |
| 2025 | Jan | 18,252 | 14,826 | 872 | 13.99% | 5.55% |
| | Feb | 18,239 | 13,748 | 1,058 | 18.82% | 7.15% |
| | Mar | 16,559 | 14,207 | 496 | 11.20% | 3.38% |
| | Apr | 18,349 | 14,812 | 808 | 14.87% | 5.18% |
| | May | 17,806 | 15,461 | 712 | 9.17% | 4.40% |
| | Jun | 18,375 | 15,335 | 1,239 | 9.80% | 7.48% |
| | Jul | 17,792 | 15,060 | 781 | 10.96% | 4.93% |
| | Aug | 18,377 | 15,896 | 311 | 11.80% | 1.92% |
| | Sep | 18,373 | 15,535 | 830 | 10.93% | 5.07% |
| | Oct | 17,780 | 14,839 | 812 | 11.98% | 5.19% |
| | Nov | 18,422 | 15,398 | 988 | 11.05% | 6.03% |
| | Dec | 17,830 | 15,512 | 1,169 | 6.44% | 7.01% |
| 2026 | Jan | 20,375 | 15,414 | 907 | 19.90% | 5.55% |
| | Feb | 20,362 | 14,293 | 1,100 | 24.40% | 7.15% |
| | Mar | 18,479 | 14,771 | 516 | 17.28% | 3.38% |
| | Apr | 20,476 | 15,399 | 840 | 20.69% | 5.17% |
| | May | 19,866 | 16,074 | 740 | 15.36% | 4.40% |
| | Jun | 20,503 | 15,943 | 1,288 | 15.96% | 7.47% |
| | Jul | 19,852 | 15,657 | 812 | 17.04% | 4.93% |
| | Aug | 20,505 | 16,527 | 324 | 17.82% | 1.92% |
| | Sep | 20,501 | 16,151 | 863 | 17.01% | 5.07% |
| | Oct | 19,840 | 15,427 | 844 | 17.99% | 5.19% |
| | Nov | 20,552 | 16,009 | 1,027 | 17.11% | 6.03% |
| | Dec | 19,891 | 16,127 | 1,215 | 12.81% | 7.01% |
| 2027 | Jan | 21,133 | 15,971 | 939 | 19.98% | 5.55% |
| | Feb | 21,119 | 14,810 | 1,140 | 24.48% | 7.14% |
| | Mar | 19,167 | 15,305 | 535 | 17.36% | 3.38% |
| | Apr | 21,238 | 15,957 | 871 | 20.77% | 5.17% |
| | May | 20,605 | 16,656 | 767 | 15.45% | 4.40% |
| | Jun | 21,266 | 16,520 | 1,335 | 16.04% | 7.47% |
| | Jul | 20,591 | 16,224 | 841 | 17.12% | 4.93% |
| | Aug | 21,268 | 17,124 | 336 | 17.91% | 1.92% |
| | Sep | 21,264 | 16,735 | 894 | 17.09% | 5.07% |
| | Oct | 20,578 | 15,985 | 874 | 18.07% | 5.18% |
| | Nov | 21,317 | 16,588 | 1,064 | 17.19% | 6.03% |
| | Dec | 20,631 | 16,710 | 1,259 | 12.90% | 7.01% |
| 2028 | Jan | 21,892 | 16,501 | 970 | 20.19% | 5.55% |

| | | | | | | |
|------|-----|--------|--------|-------|--------|-------|
| | Feb | 21,878 | 15,301 | 1,177 | 24.68% | 7.14% |
| | Mar | 20,095 | 15,813 | 552 | 18.56% | 3.38% |
| | Apr | 22,001 | 16,487 | 900 | 20.97% | 5.17% |
| | May | 21,345 | 17,209 | 792 | 15.66% | 4.40% |
| | Jun | 22,029 | 17,069 | 1,379 | 16.26% | 7.47% |
| | Jul | 21,329 | 16,763 | 869 | 17.33% | 4.93% |
| | Aug | 22,031 | 17,693 | 347 | 18.12% | 1.92% |
| | Sep | 22,027 | 17,291 | 924 | 17.31% | 5.07% |
| | Oct | 21,316 | 16,516 | 903 | 18.28% | 5.18% |
| | Nov | 22,081 | 17,138 | 1,099 | 17.41% | 6.03% |
| | Dec | 21,372 | 17,265 | 1,301 | 13.13% | 7.01% |
| 2029 | Jan | 21,906 | 17,007 | 1,000 | 17.80% | 5.55% |
| | Feb | 21,891 | 15,770 | 1,213 | 22.42% | 7.14% |
| | Mar | 19,870 | 16,298 | 569 | 15.11% | 3.38% |
| | Apr | 22,018 | 16,993 | 927 | 18.61% | 5.17% |
| | May | 21,363 | 17,737 | 816 | 13.15% | 4.40% |
| | Jun | 22,048 | 17,592 | 1,421 | 13.76% | 7.47% |
| | Jul | 21,347 | 17,277 | 896 | 14.87% | 4.93% |
| | Aug | 22,050 | 18,236 | 357 | 15.68% | 1.92% |
| | Sep | 22,045 | 17,821 | 952 | 14.84% | 5.07% |
| | Oct | 21,334 | 17,022 | 931 | 15.85% | 5.18% |
| | Nov | 22,101 | 17,664 | 1,133 | 14.95% | 6.03% |
| | Dec | 21,391 | 17,794 | 1,341 | 10.54% | 7.01% |
| 2030 | Jan | 21,919 | 17,491 | 1,029 | 15.51% | 5.55% |
| | Feb | 21,904 | 16,219 | 1,248 | 20.26% | 7.14% |
| | Mar | 19,885 | 16,762 | 586 | 12.76% | 3.38% |
| | Apr | 22,035 | 17,477 | 954 | 16.36% | 5.17% |
| | May | 21,381 | 18,242 | 840 | 10.75% | 4.40% |
| | Jun | 22,065 | 18,093 | 1,461 | 11.38% | 7.47% |
| | Jul | 21,365 | 17,769 | 921 | 12.52% | 4.93% |
| | Aug | 22,067 | 18,755 | 367 | 13.35% | 1.92% |
| | Sep | 22,063 | 18,329 | 980 | 12.49% | 5.07% |
| | Oct | 21,351 | 17,506 | 957 | 13.52% | 5.18% |
| | Nov | 22,120 | 18,167 | 1,165 | 12.61% | 6.03% |
| | Dec | 21,409 | 18,301 | 1,379 | 8.08% | 7.01% |
| 2031 | Jan | 21,932 | 17,955 | 1,056 | 13.32% | 5.55% |
| | Feb | 21,917 | 16,649 | 1,281 | 18.19% | 7.14% |
| | Mar | 19,899 | 17,207 | 601 | 10.51% | 3.38% |
| | Apr | 22,051 | 17,941 | 979 | 14.20% | 5.17% |
| | May | 21,398 | 18,727 | 862 | 8.46% | 4.40% |
| | Jun | 22,082 | 18,573 | 1,500 | 9.10% | 7.47% |
| | Jul | 21,381 | 18,240 | 946 | 10.27% | 4.93% |
| | Aug | 22,084 | 19,252 | 377 | 11.12% | 1.92% |
| | Sep | 22,080 | 18,815 | 1,005 | 10.23% | 5.07% |
| | Oct | 21,367 | 17,971 | 983 | 11.30% | 5.18% |
| | Nov | 22,138 | 18,649 | 1,196 | 10.36% | 6.03% |
| | Dec | 21,427 | 18,787 | 1,416 | 5.72% | 7.01% |
| 2032 | Jan | 21,945 | 18,401 | 1,082 | 11.22% | 5.55% |
| | Feb | 21,929 | 17,063 | 1,313 | 16.20% | 7.14% |
| | Mar | 20,152 | 17,634 | 616 | 9.44% | 3.38% |
| | Apr | 22,066 | 18,387 | 1,003 | 12.13% | 5.17% |
| | May | 21,414 | 19,192 | 883 | 6.25% | 4.40% |

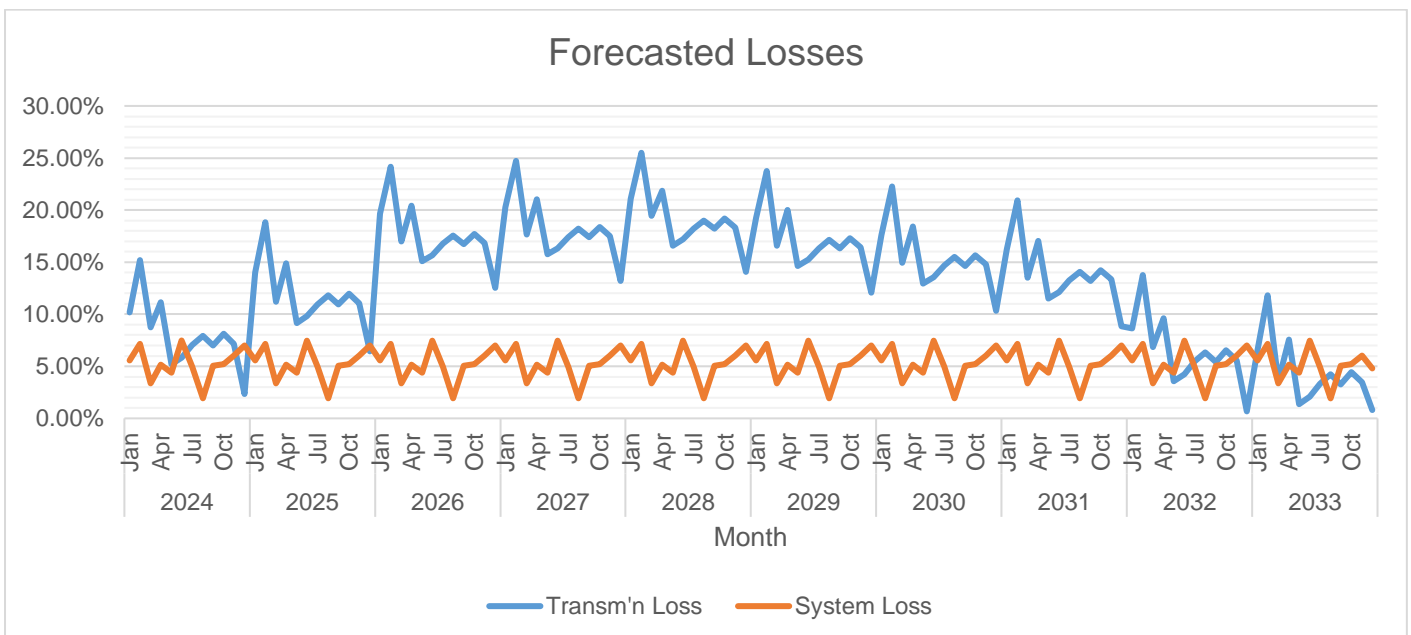
| | | | | | | |
|------|-----|--------|--------|-------|--------|-------|
| | Jun | 22,098 | 19,034 | 1,537 | 6.91% | 7.47% |
| | Jul | 21,397 | 18,693 | 969 | 8.11% | 4.93% |
| | Aug | 22,100 | 19,730 | 387 | 8.98% | 1.92% |
| | Sep | 22,096 | 19,282 | 1,030 | 8.07% | 5.07% |
| | Oct | 21,383 | 18,417 | 1,007 | 9.16% | 5.18% |
| | Nov | 22,156 | 19,112 | 1,226 | 8.21% | 6.03% |
| | Dec | 21,444 | 19,253 | 1,451 | 3.45% | 7.01% |
| 2033 | Jan | 21,958 | 18,830 | 1,107 | 9.20% | 5.55% |
| | Feb | 21,942 | 17,461 | 1,343 | 14.30% | 7.14% |
| | Mar | 19,926 | 18,045 | 630 | 6.28% | 3.38% |
| | Apr | 22,082 | 18,816 | 1,026 | 10.14% | 5.17% |
| | May | 21,431 | 19,640 | 904 | 4.14% | 4.40% |
| | Jun | 22,115 | 19,478 | 1,573 | 4.81% | 7.47% |
| | Jul | 21,414 | 19,129 | 992 | 6.04% | 4.93% |
| | Aug | 22,117 | 20,190 | 396 | 6.92% | 1.92% |
| | Sep | 22,112 | 19,732 | 1,054 | 6.00% | 5.07% |
| | Oct | 21,399 | 18,847 | 1,030 | 7.11% | 5.18% |
| | Nov | 22,174 | 19,558 | 1,254 | 6.14% | 6.03% |
| | Dec | 21,462 | 19,702 | 992 | 3.58% | 4.79% |

MWh Offtake was forecasted using available data of the recent seven (7) years and adopted various mathematical forecasting models. The outputs of these different forecasting models were summarized indicating the Validity and Accuracy Test. All models that had "Failed" the Validity and Accuracy Tests were discarded while those that had "Passed" using the following criteria were considered in the selection of the Forecasted Data.

System Loss was calculated through a Load Flow Study. Based on the same study, the Distribution System can adequately convey electricity to customers for the year 2024.



MWh Output was expected to grow at a rate of 3% annually.



Transmission Loss is expected to range from 0.67% to 25.5% while System Loss is expected to range from 1.92% to 7.48%.

Power Supply

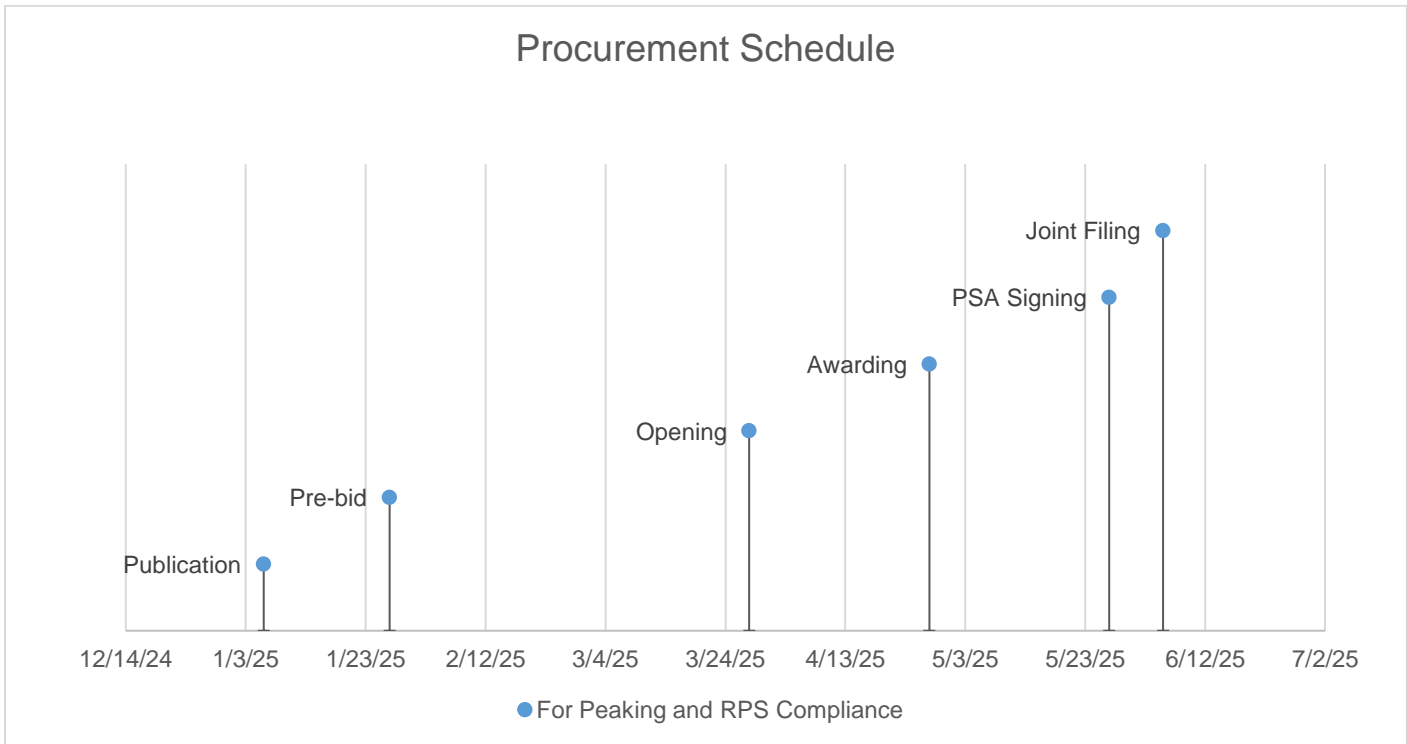
| Case No. | Type | GenCo | Minimum MW | Minimum MWh/yr | PSA Start | PSA End |
|------------|------|-----------------------------|------------|----------------|-----------|------------|
| 2013-094RC | Base | Green Core Geothermal, Inc. | 10.00 | 87,600 | 1/26/2013 | 12/25/2040 |

The PSA with Green Core Geothermal, Inc. filed with ERC under Case No. 2013-094RC was signed last January 18, 2013. It was selected to provide base requirements due to its capacity to supply the necessary demand of the cooperative. Historically, the utilization of the PSA is 100%. The actual billed overall monthly charge under the PSA is equal to 5.7066 Php/kWh in the year 2021.

| Case No. | Type | GenCo | Minimum MW | Minimum MWh/yr | PSA Start | PSA End |
|----------|------|--------------------------------|------------|----------------|------------|------------|
| EDC | Base | Energy Development Corporation | 12.00 | 73,584 | 12/26/2023 | 12/25/2033 |

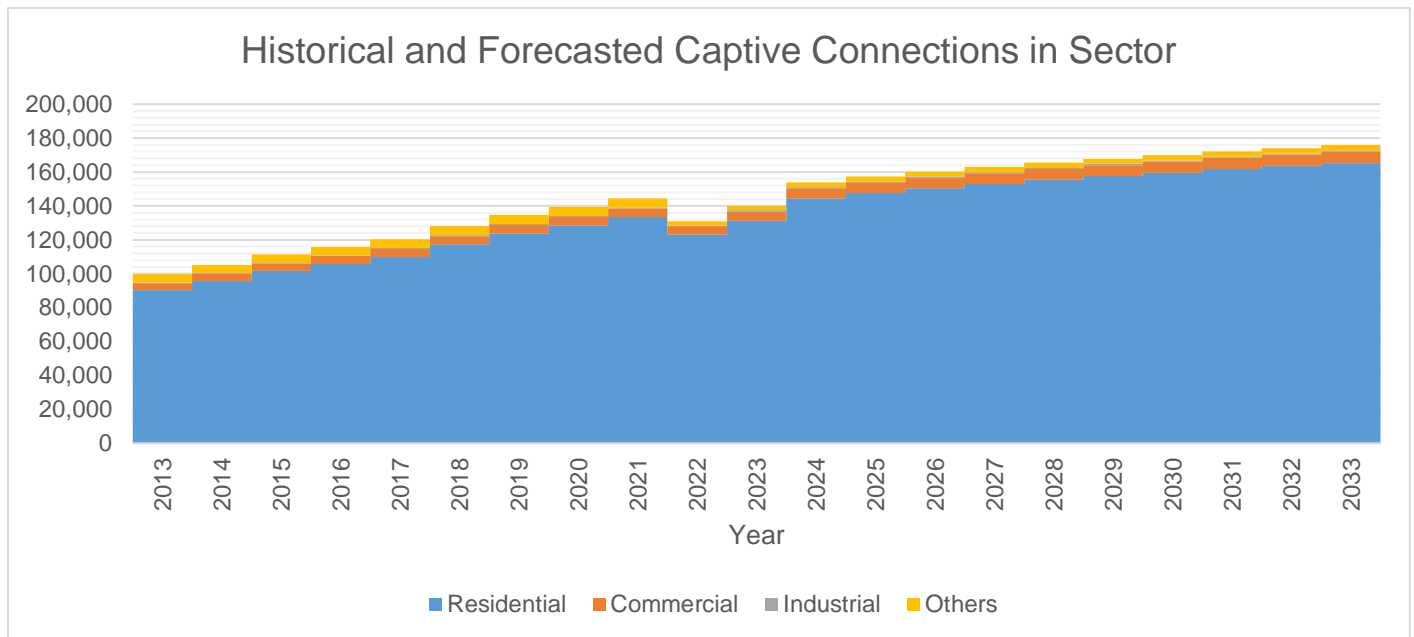
The PSA with Energy Development Corporation was signed on April 4, 2016. The three (3) DUs of Bohol (1BP) conducted a CSP and EDC was selected to provide for base requirements due to its capacity to supply the necessary demand of the cooperative. Last November 24, 2023 and December 1, 2024 a virtual hearing on the said application was conducted. Currently, BOHECO II are still waiting for the approval or provisional authority from the ERC.

| | For Peaking and RPS Compliance |
|----------------|--------------------------------|
| Type | Peaking |
| Minimum MW | 5.00 |
| Minimum MWh/yr | 7,300 |
| PSA Start | 12/26/2025 |
| PSA End | 12/25/2033 |
| Publication | 1/6/2025 |
| Pre-bid | 1/27/2025 |
| Opening | 3/28/2025 |
| Awarding | 4/27/2025 |
| PSA Signing | 5/27/2025 |
| Joint Filing | 6/5/2025 |



For the procurement of 5 MW of supply which is planned to be available on January 2026, the procurement is to supply peaking requirements and as well as for the RPS compliance of the coop.

Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 3% annually. Said customer class is expected to account for 63.78% of the total consumption.