



# **Power Supply Procurement Plan 2021**

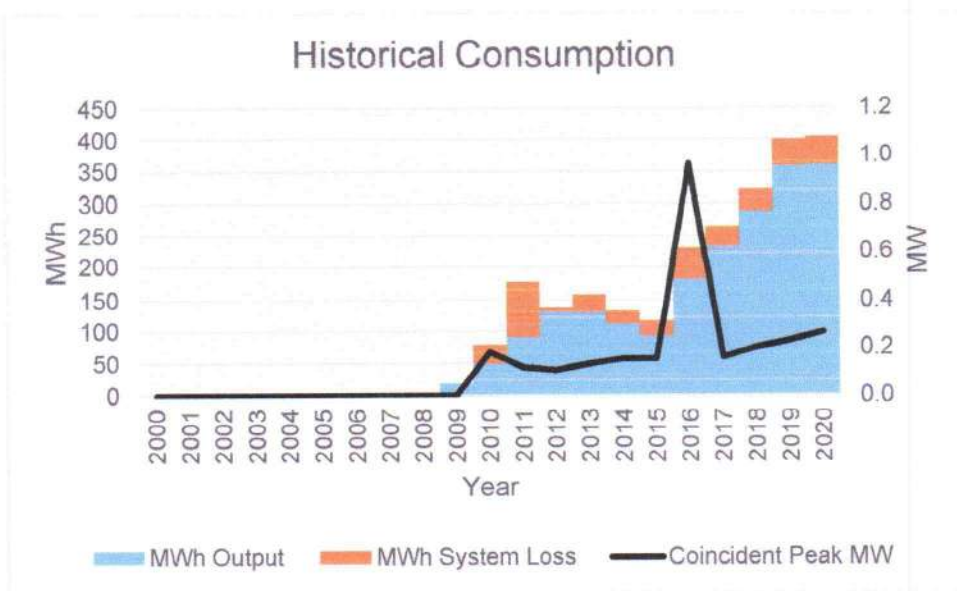
## **OFF-GRID NPC (ATULAYAN)**

**CAMARINES SUR IV ELECTRIC COOPERATIVE, INC  
(CASURECO)**

## Historical Consumption Data

|      | Coincident<br>Peak MW | MWh Offtake | WESM | MWh Input | MWh Output | MWh System<br>Loss | Load Factor | Discrepancy | Transm'n<br>Loss | System Loss |
|------|-----------------------|-------------|------|-----------|------------|--------------------|-------------|-------------|------------------|-------------|
| 2010 | 0.18                  | 79          | 0    | 79        | 50         | 29                 | 5%          | 0.00%       | 0.00%            | 37.24%      |
| 2011 | 0.12                  | 177         | 0    | 177       | 90         | 87                 | 17%         | 0.00%       | 0.00%            | 48.93%      |
| 2012 | 0.11                  | 138         | 0    | 138       | 131        | 7                  | 15%         | 0.00%       | 0.00%            | 5.08%       |
| 2013 | 0.13                  | 158         | 0    | 158       | 131        | 27                 | 14%         | 0.00%       | 0.00%            | 17.17%      |
| 2014 | 0.15                  | 133         | 0    | 133       | 111        | 22                 | 10%         | 0.18%       | 0.00%            | 16.48%      |
| 2015 | 0.15                  | 116         | 0    | 116       | 92         | 25                 | 9%          | 0.77%       | 0.00%            | 21.74%      |
| 2016 | 0.97                  | 230         | 0    | 230       | 180        | 50                 | 3%          | -0.17%      | 0.00%            | 21.61%      |
| 2017 | 0.16                  | 265         | 0    | 265       | 231        | 34                 | 19%         | -0.01%      | 0.00%            | 12.85%      |
| 2018 | 0.20                  | 322         | 0    | 322       | 288        | 34                 | 18%         | 0.00%       | 0.00%            | 10.58%      |
| 2019 | 0.23                  | 399         | 0    | 399       | 358        | 41                 | 20%         | 0.00%       | 0.00%            | 10.34%      |
| 2020 | 0.26                  | 404         | 0    | 404       | 359        | 44                 | 18%         | 0.00%       | 0.00%            | 10.95%      |

Peak Demand increased from 0.16 MW in 2017 to 0.26 MW in 2020 at a rate of 63% due to increase in the number of customers. Consequently, the MWh Offtake increased from 265 MWh in 2017 to 404 MWh in 2020 at a rate of 52%. Within the same period, Load Factor ranged from 18% to 20%.

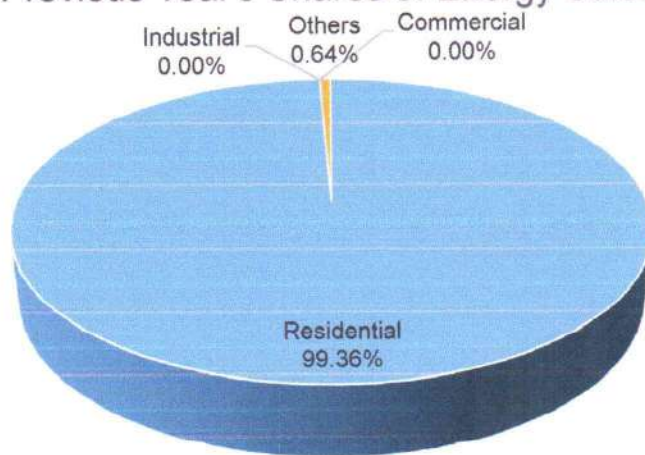


MWh Output decreased from year 2012 to year 2015 but has significantly recovered/increased in 2016. Meanwhile, MWh System Loss decreased from 21% in 2015 to a 10% range from 2018 until 2020.



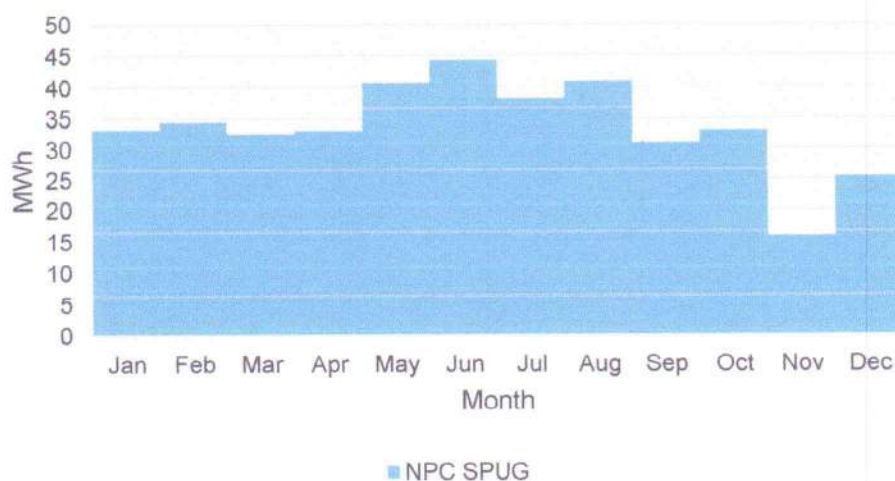
Historically, System Loss ranged from 5.08% to 48.93%. System Loss peaked at 48.93% on year 2011 and were reduced to within standards from 2018 to 2020 to the 10% range.

### Previous Year's Shares of Energy Sales

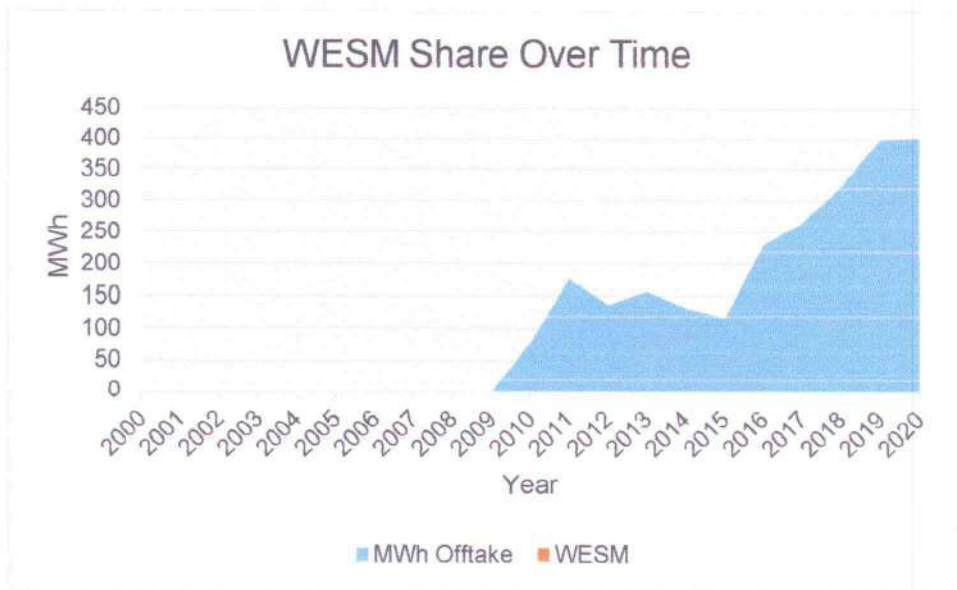


Residential customers account for the bulk of energy sales at 99.36% due to the high number of connections. In contrast, Other customers composed of public buildings accounted for only 0.64% of energy sales due to the low number of connections.

### MWh Offtake for Last Historical Year



For 2020, the total Offtake for the last historical year is lower than the quantity stipulated in the Power Supply Agreement (PSA). As a sole supplier, the PSA with the National Power Corporation (NPC) accounts for the bulk of MWh Offtake.



To this date, no WESM offtake for our Islands supplied areas.

## Previous Year's Load Profile

\*No Load Duration Curve data available

## Forecasted Consumption Data

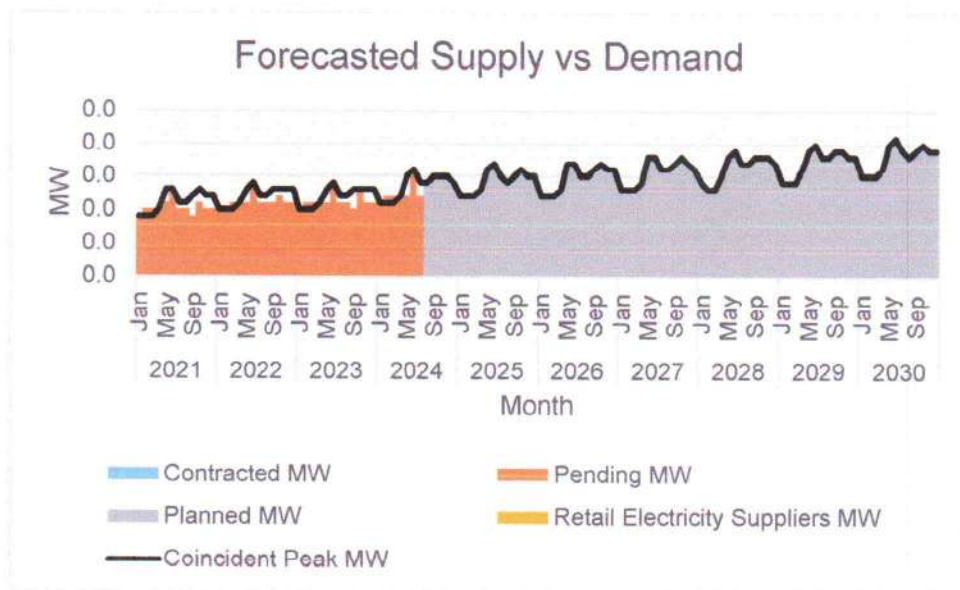
|      |     | Coincident Peak MW | Contracted MW | Pending MW | Planned MW | Retail Electricity Suppliers MW | Existing Contracting Level | Target Contracting Level | MW Surplus Deficit |
|------|-----|--------------------|---------------|------------|------------|---------------------------------|----------------------------|--------------------------|--------------------|
| 2021 | Jan | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | Feb | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 111%                     | 0.00               |
|      | Mar | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 111%                     | 0.00               |
|      | Apr | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | May | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 85%                      | 0.00               |
|      | Jun | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | Jul | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 91%                      | 0.00               |
|      | Aug | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 91%                      | 0.00               |
|      | Sep | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 75%                      | 0.00               |
|      | Oct | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 85%                      | 0.00               |
|      | Nov | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 83%                      | 0.00               |
|      | Dec | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 83%                      | 0.00               |
| 2022 | Jan | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | Feb | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | Mar | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 110%                     | 0.00               |
|      | Apr | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | May | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 85%                      | 0.00               |
|      | Jun | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | Jul | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 92%                      | 0.00               |
|      | Aug | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 92%                      | 0.00               |
|      | Sep | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 85%                      | 0.00               |
|      | Oct | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 92%                      | 0.00               |
|      | Nov | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 85%                      | 0.00               |
|      | Dec | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 85%                      | 0.00               |
| 2023 | Jan | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | Feb | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 110%                     | 0.00               |
|      | Mar | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 110%                     | 0.00               |
|      | Apr | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 100%                     | 0.00               |
|      | May | 0.01               | 0.00          | 0.01       | 0.000      |                                 | 0%                         | 85%                      | 0.00               |

|      |     |      |      |      |       |  |  |    |      |      |
|------|-----|------|------|------|-------|--|--|----|------|------|
|      | Jun | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 100% | 0.00 |
|      | Jul | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 92%  | 0.00 |
|      | Aug | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 92%  | 0.00 |
|      | Sep | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 77%  | 0.00 |
|      | Oct | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 100% | 0.00 |
|      | Nov | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 85%  | 0.00 |
|      | Dec | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 85%  | 0.00 |
| 2024 | Jan | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 100% | 0.00 |
|      | Feb | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 109% | 0.00 |
|      | Mar | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 109% | 0.00 |
|      | Apr | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 100% | 0.00 |
|      | May | 0.02 | 0.00 | 0.01 | 0.000 |  |  | 0% | 80%  | 0.00 |
|      | Jun | 0.02 | 0.00 | 0.02 | 0.000 |  |  | 0% | 100% | 0.00 |
|      | Jul | 0.01 | 0.00 | 0.01 | 0.000 |  |  | 0% | 86%  | 0.00 |
|      | Aug | 0.01 | 0.00 | 0.00 | 0.014 |  |  | 0% | 100% | 0.00 |
|      | Sep | 0.02 | 0.00 | 0.00 | 0.015 |  |  | 0% | 100% | 0.00 |
|      | Oct | 0.02 | 0.00 | 0.00 | 0.015 |  |  | 0% | 100% | 0.00 |
|      | Nov | 0.02 | 0.00 | 0.00 | 0.015 |  |  | 0% | 100% | 0.00 |
|      | Dec | 0.01 | 0.00 | 0.00 | 0.014 |  |  | 0% | 100% | 0.00 |
| 2025 | Jan | 0.01 | 0.00 | 0.00 | 0.012 |  |  | 0% | 100% | 0.00 |
|      | Feb | 0.01 | 0.00 | 0.00 | 0.012 |  |  | 0% | 100% | 0.00 |
|      | Mar | 0.01 | 0.00 | 0.00 | 0.012 |  |  | 0% | 100% | 0.00 |
|      | Apr | 0.01 | 0.00 | 0.00 | 0.013 |  |  | 0% | 100% | 0.00 |
|      | May | 0.02 | 0.00 | 0.00 | 0.016 |  |  | 0% | 100% | 0.00 |
|      | Jun | 0.02 | 0.00 | 0.00 | 0.017 |  |  | 0% | 100% | 0.00 |
|      | Jul | 0.02 | 0.00 | 0.00 | 0.015 |  |  | 0% | 100% | 0.00 |
|      | Aug | 0.01 | 0.00 | 0.00 | 0.014 |  |  | 0% | 100% | 0.00 |
|      | Sep | 0.02 | 0.00 | 0.00 | 0.015 |  |  | 0% | 100% | 0.00 |
|      | Oct | 0.02 | 0.00 | 0.00 | 0.016 |  |  | 0% | 100% | 0.00 |
|      | Nov | 0.02 | 0.00 | 0.00 | 0.015 |  |  | 0% | 100% | 0.00 |
|      | Dec | 0.02 | 0.00 | 0.00 | 0.015 |  |  | 0% | 100% | 0.00 |
| 2026 | Jan | 0.01 | 0.00 | 0.00 | 0.012 |  |  | 0% | 100% | 0.00 |
|      | Feb | 0.01 | 0.00 | 0.00 | 0.012 |  |  | 0% | 100% | 0.00 |
|      | Mar | 0.01 | 0.00 | 0.00 | 0.012 |  |  | 0% | 100% | 0.00 |
|      | Apr | 0.01 | 0.00 | 0.00 | 0.013 |  |  | 0% | 100% | 0.00 |

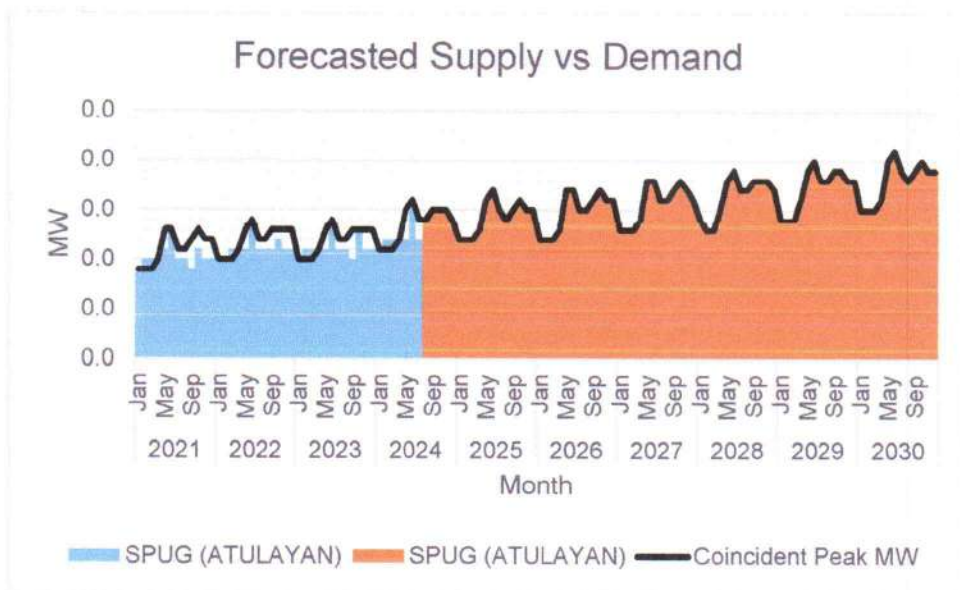
|      |     |      |      |      |       |  |    |      |      |
|------|-----|------|------|------|-------|--|----|------|------|
|      | May | 0.02 | 0.00 | 0.00 | 0.017 |  | 0% | 100% | 0.00 |
|      | Jun | 0.02 | 0.00 | 0.00 | 0.017 |  | 0% | 100% | 0.00 |
|      | Jul | 0.02 | 0.00 | 0.00 | 0.015 |  | 0% | 100% | 0.00 |
|      | Aug | 0.02 | 0.00 | 0.00 | 0.015 |  | 0% | 100% | 0.00 |
|      | Sep | 0.02 | 0.00 | 0.00 | 0.016 |  | 0% | 100% | 0.00 |
|      | Oct | 0.02 | 0.00 | 0.00 | 0.017 |  | 0% | 100% | 0.00 |
|      | Nov | 0.02 | 0.00 | 0.00 | 0.016 |  | 0% | 100% | 0.00 |
|      | Dec | 0.02 | 0.00 | 0.00 | 0.016 |  | 0% | 100% | 0.00 |
| 2027 | Jan | 0.01 | 0.00 | 0.00 | 0.013 |  | 0% | 100% | 0.00 |
|      | Feb | 0.01 | 0.00 | 0.00 | 0.013 |  | 0% | 100% | 0.00 |
|      | Mar | 0.01 | 0.00 | 0.00 | 0.013 |  | 0% | 100% | 0.00 |
|      | Apr | 0.01 | 0.00 | 0.00 | 0.014 |  | 0% | 100% | 0.00 |
|      | May | 0.02 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Jun | 0.02 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Jul | 0.02 | 0.00 | 0.00 | 0.016 |  | 0% | 100% | 0.00 |
|      | Aug | 0.02 | 0.00 | 0.00 | 0.016 |  | 0% | 100% | 0.00 |
|      | Sep | 0.02 | 0.00 | 0.00 | 0.017 |  | 0% | 100% | 0.00 |
|      | Oct | 0.02 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Nov | 0.02 | 0.00 | 0.00 | 0.017 |  | 0% | 100% | 0.00 |
|      | Dec | 0.02 | 0.00 | 0.00 | 0.016 |  | 0% | 100% | 0.00 |
| 2028 | Jan | 0.01 | 0.00 | 0.00 | 0.014 |  | 0% | 100% | 0.00 |
|      | Feb | 0.01 | 0.00 | 0.00 | 0.013 |  | 0% | 100% | 0.00 |
|      | Mar | 0.01 | 0.00 | 0.00 | 0.013 |  | 0% | 100% | 0.00 |
|      | Apr | 0.02 | 0.00 | 0.00 | 0.015 |  | 0% | 100% | 0.00 |
|      | May | 0.02 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Jun | 0.02 | 0.00 | 0.00 | 0.019 |  | 0% | 100% | 0.00 |
|      | Jul | 0.02 | 0.00 | 0.00 | 0.017 |  | 0% | 100% | 0.00 |
|      | Aug | 0.02 | 0.00 | 0.00 | 0.017 |  | 0% | 100% | 0.00 |
|      | Sep | 0.02 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Oct | 0.02 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Nov | 0.02 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Dec | 0.02 | 0.00 | 0.00 | 0.017 |  | 0% | 100% | 0.00 |
| 2029 | Jan | 0.01 | 0.00 | 0.00 | 0.014 |  | 0% | 100% | 0.00 |
|      | Feb | 0.01 | 0.00 | 0.00 | 0.014 |  | 0% | 100% | 0.00 |
|      | Mar | 0.01 | 0.00 | 0.00 | 0.014 |  | 0% | 100% | 0.00 |

|      |     |      |      |      |      |       |  |    |      |      |
|------|-----|------|------|------|------|-------|--|----|------|------|
|      | Apr | 0.02 | 0.00 | 0.00 | 0.00 | 0.016 |  | 0% | 100% | 0.00 |
|      | May | 0.02 | 0.00 | 0.00 | 0.00 | 0.019 |  | 0% | 100% | 0.00 |
|      | Jun | 0.02 | 0.00 | 0.00 | 0.00 | 0.020 |  | 0% | 100% | 0.00 |
|      | Jul | 0.02 | 0.00 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Aug | 0.02 | 0.00 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Sep | 0.02 | 0.00 | 0.00 | 0.00 | 0.019 |  | 0% | 100% | 0.00 |
|      | Oct | 0.02 | 0.00 | 0.00 | 0.00 | 0.019 |  | 0% | 100% | 0.00 |
|      | Nov | 0.02 | 0.00 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Dec | 0.02 | 0.00 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
| 2030 | Jan | 0.02 | 0.00 | 0.00 | 0.00 | 0.015 |  | 0% | 100% | 0.00 |
|      | Feb | 0.02 | 0.00 | 0.00 | 0.00 | 0.015 |  | 0% | 100% | 0.00 |
|      | Mar | 0.02 | 0.00 | 0.00 | 0.00 | 0.015 |  | 0% | 100% | 0.00 |
|      | Apr | 0.02 | 0.00 | 0.00 | 0.00 | 0.016 |  | 0% | 100% | 0.00 |
|      | May | 0.02 | 0.00 | 0.00 | 0.00 | 0.020 |  | 0% | 100% | 0.00 |
|      | Jun | 0.02 | 0.00 | 0.00 | 0.00 | 0.021 |  | 0% | 100% | 0.00 |
|      | Jul | 0.02 | 0.00 | 0.00 | 0.00 | 0.019 |  | 0% | 100% | 0.00 |
|      | Aug | 0.02 | 0.00 | 0.00 | 0.00 | 0.018 |  | 0% | 100% | 0.00 |
|      | Sep | 0.02 | 0.00 | 0.00 | 0.00 | 0.019 |  | 0% | 100% | 0.00 |
|      | Oct | 0.02 | 0.00 | 0.00 | 0.00 | 0.020 |  | 0% | 100% | 0.00 |
|      | Nov | 0.02 | 0.00 | 0.00 | 0.00 | 0.019 |  | 0% | 100% | 0.00 |
|      | Dec | 0.02 | 0.00 | 0.00 | 0.00 | 0.019 |  | 0% | 100% | 0.00 |

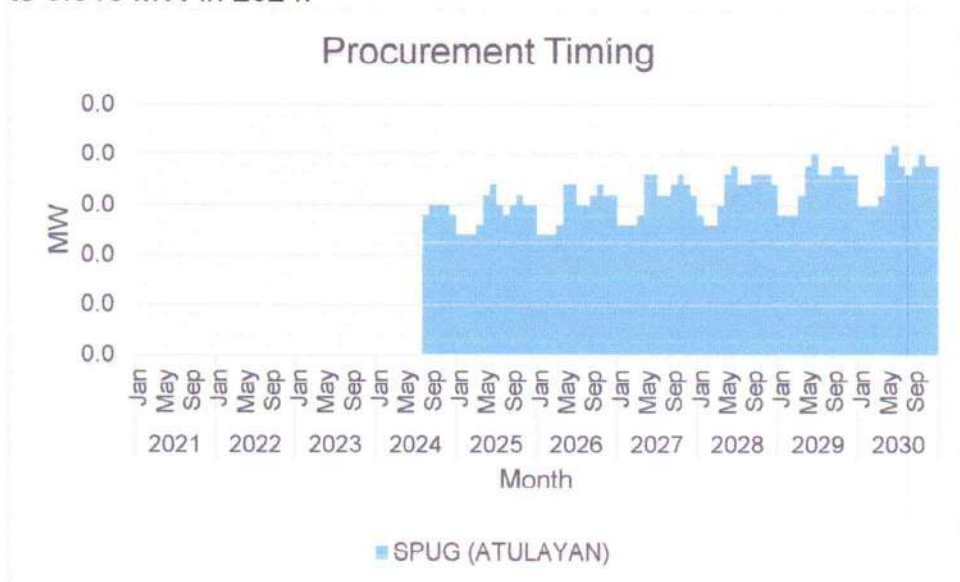
The Peak Demand was forecasted using linear trend analysis and was assumed to occur on the month of June due to summer weather. Monthly Peak Demand is at its lowest on the month of December due to cooler weather.



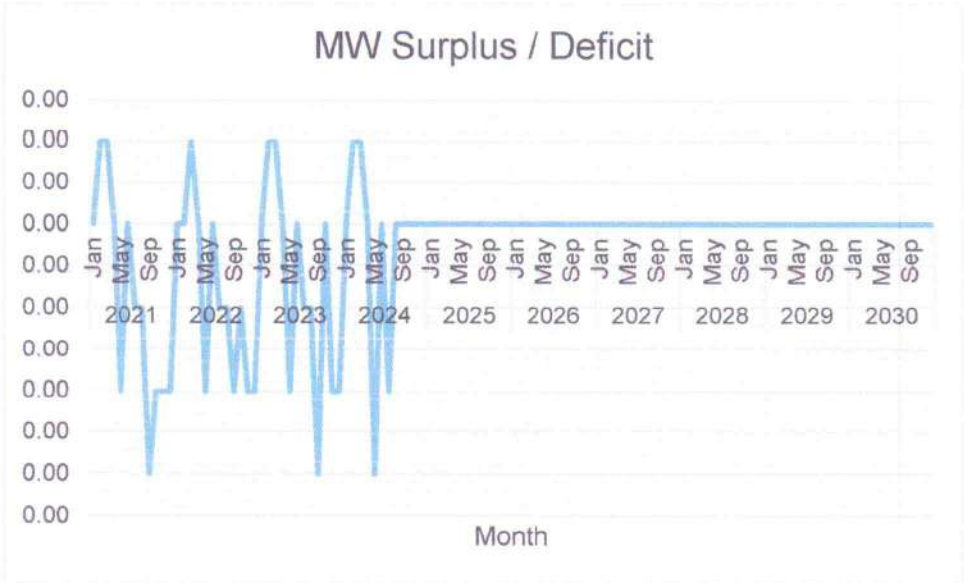
Starting January 2021, the two island grids Lahuy and Quinalasag, will be turned over to FP Island Energy Corporation (FPIC) under the QTP. Only the Atulayan Island will remain under CASURECO IV, supplied by NPC SPUG.



Of the NPC SPUG supply, only the Atulayan Island contract will remain with 0.013 MW from 2021 to 0.016 MW in 2024.



The first wave of supply procurement will be for 0.014 MW planned to be available by the month of August 2024.



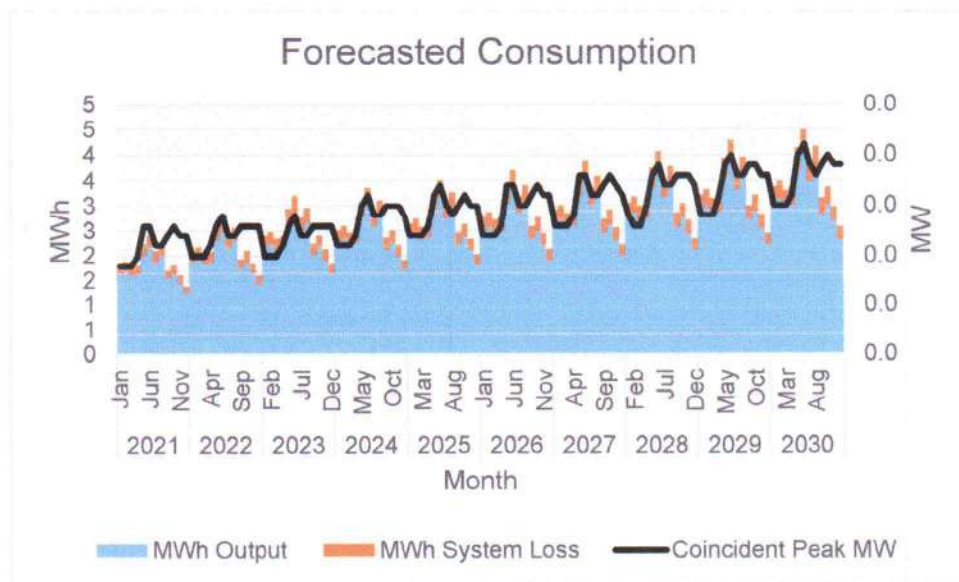
|      |     | MWh Offtake | MWh Output | MWh System Loss | Transm'n Loss | System Loss |
|------|-----|-------------|------------|-----------------|---------------|-------------|
| 2021 | Jan | 1           | 2          | 0               | -50.75%       | 10.19%      |
|      | Feb | 1           | 2          | 0               | -25.61%       | 10.19%      |
|      | Mar | 1           | 2          | 0               | -26.74%       | 10.19%      |
|      | Apr | 2           | 2          | 0               | -10.53%       | 10.19%      |
|      | May | 2           | 2          | 0               | -4.93%        | 10.19%      |
|      | Jun | 2           | 2          | 0               | 1.81%         | 10.19%      |
|      | Jul | 2           | 2          | 0               | 1.66%         | 10.19%      |
|      | Aug | 2           | 2          | 0               | -13.33%       | 10.19%      |
|      | Sep | 2           | 2          | 0               | 14.29%        | 10.19%      |
|      | Oct | 2           | 2          | 0               | 12.14%        | 10.19%      |
|      | Nov | 2           | 1          | 0               | 26.76%        | 10.19%      |
|      | Dec | 2           | 1          | 0               | 33.89%        | 10.19%      |

|      |     |   |   |   |         |        |
|------|-----|---|---|---|---------|--------|
| 2022 | Jan | 1 | 2 | 0 | -50.39% | 10.19% |
|      | Feb | 2 | 2 | 0 | -25.71% | 10.19% |
|      | Mar | 2 | 2 | 0 | -26.74% | 10.19% |
|      | Apr | 2 | 2 | 0 | -10.52% | 10.19% |
|      | May | 2 | 2 | 0 | -4.90%  | 10.19% |
|      | Jun | 3 | 2 | 0 | 1.79%   | 10.19% |
|      | Jul | 2 | 2 | 0 | 1.70%   | 10.19% |
|      | Aug | 2 | 2 | 0 | -13.27% | 10.19% |
|      | Sep | 2 | 2 | 0 | 14.24%  | 10.19% |
|      | Oct | 2 | 2 | 0 | 12.14%  | 10.19% |
|      | Nov | 3 | 2 | 0 | 26.76%  | 10.19% |
|      | Dec | 2 | 1 | 0 | 33.87%  | 10.19% |
| 2023 | Jan | 2 | 2 | 0 | -50.33% | 10.19% |
|      | Feb | 2 | 2 | 0 | -25.70% | 10.19% |
|      | Mar | 2 | 2 | 0 | -26.72% | 10.19% |
|      | Apr | 2 | 2 | 0 | -10.47% | 10.19% |
|      | May | 3 | 3 | 0 | -4.90%  | 10.19% |
|      | Jun | 3 | 3 | 0 | 1.80%   | 10.19% |
|      | Jul | 3 | 2 | 0 | 1.71%   | 10.19% |
|      | Aug | 3 | 3 | 0 | -13.27% | 10.19% |
|      | Sep | 3 | 2 | 0 | 14.23%  | 10.19% |
|      | Oct | 3 | 2 | 0 | 12.19%  | 10.19% |
|      | Nov | 3 | 2 | 0 | 26.75%  | 10.19% |
|      | Dec | 3 | 2 | 0 | 33.88%  | 10.19% |
| 2024 | Jan | 2 | 2 | 0 | -43.55% | 10.19% |
|      | Feb | 2 | 2 | 0 | -19.92% | 10.19% |
|      | Mar | 2 | 2 | 0 | -21.00% | 10.19% |
|      | Apr | 2 | 2 | 0 | -5.48%  | 10.19% |
|      | May | 3 | 3 | 0 | -0.14%  | 10.19% |
|      | Jun | 4 | 3 | 0 | 6.22%   | 10.19% |
|      | Jul | 3 | 3 | 0 | 6.14%   | 10.19% |
|      | Aug | 3 | 3 | 0 | -6.29%  | 10.19% |
|      | Sep | 3 | 2 | 0 | 19.53%  | 10.19% |
|      | Oct | 3 | 2 | 0 | 17.58%  | 10.19% |
|      | Nov | 3 | 2 | 0 | 31.26%  | 10.19% |
|      | Dec | 3 | 2 | 0 | 38.01%  | 10.19% |
| 2025 | Jan | 2 | 2 | 0 | -35.65% | 10.19% |
|      | Feb | 2 | 2 | 0 | -13.38% | 10.19% |
|      | Mar | 2 | 2 | 0 | -14.34% | 10.19% |
|      | Apr | 3 | 2 | 0 | 0.26%   | 10.19% |
|      | May | 3 | 3 | 0 | 5.36%   | 10.19% |
|      | Jun | 4 | 3 | 0 | 11.36%  | 10.19% |
|      | Jul | 3 | 3 | 0 | 11.30%  | 10.19% |
|      | Aug | 3 | 3 | 0 | -0.66%  | 10.19% |
|      | Sep | 3 | 2 | 0 | 23.78%  | 10.19% |
|      | Oct | 3 | 2 | 0 | 21.94%  | 10.19% |
|      | Nov | 4 | 2 | 0 | 34.93%  | 10.19% |
|      | Dec | 3 | 2 | 0 | 41.28%  | 10.19% |
| 2026 | Jan | 2 | 2 | 0 | -29.99% | 10.19% |
|      | Feb | 3 | 3 | 0 | -8.73%  | 10.19% |
|      | Mar | 2 | 2 | 0 | -9.63%  | 10.19% |

|      |     |   |   |   |         |        |
|------|-----|---|---|---|---------|--------|
|      | Apr | 3 | 2 | 0 | 4.40%   | 10.19% |
|      | May | 4 | 3 | 0 | 9.26%   | 10.19% |
|      | Jun | 4 | 3 | 0 | 15.01%  | 10.19% |
|      | Jul | 4 | 3 | 0 | 14.93%  | 10.19% |
|      | Aug | 4 | 3 | 0 | 3.81%   | 10.19% |
|      | Sep | 4 | 2 | 0 | 27.15%  | 10.19% |
|      | Oct | 4 | 2 | 0 | 25.41%  | 10.19% |
|      | Nov | 4 | 2 | 0 | 37.77%  | 10.19% |
|      | Dec | 4 | 2 | 0 | 43.88%  | 10.19% |
| 2027 | Jan | 2 | 3 | 0 | -25.57% | 10.19% |
|      | Feb | 3 | 3 | 0 | -5.01%  | 10.19% |
|      | Mar | 3 | 3 | 0 | -5.93%  | 10.19% |
|      | Apr | 3 | 3 | 0 | 7.63%   | 10.19% |
|      | May | 4 | 3 | 0 | 12.33%  | 10.19% |
|      | Jun | 5 | 3 | 0 | 17.90%  | 10.19% |
|      | Jul | 4 | 3 | 0 | 17.81%  | 10.19% |
|      | Aug | 4 | 3 | 0 | 7.28%   | 10.19% |
|      | Sep | 4 | 2 | 0 | 29.76%  | 10.19% |
|      | Oct | 4 | 3 | 0 | 28.09%  | 10.19% |
|      | Nov | 4 | 2 | 0 | 40.04%  | 10.19% |
|      | Dec | 4 | 2 | 0 | 45.89%  | 10.19% |
| 2028 | Jan | 3 | 3 | 0 | -22.07% | 10.19% |
|      | Feb | 3 | 3 | 0 | -2.13%  | 10.19% |
|      | Mar | 3 | 3 | 0 | -2.97%  | 10.19% |
|      | Apr | 3 | 3 | 0 | 10.22%  | 10.19% |
|      | May | 4 | 3 | 0 | 14.73%  | 10.19% |
|      | Jun | 5 | 4 | 0 | 20.17%  | 10.19% |
|      | Jul | 4 | 3 | 0 | 20.08%  | 10.19% |
|      | Aug | 4 | 3 | 0 | 10.04%  | 10.19% |
|      | Sep | 4 | 3 | 0 | 31.84%  | 10.19% |
|      | Oct | 4 | 3 | 0 | 30.20%  | 10.19% |
|      | Nov | 5 | 2 | 0 | 41.82%  | 10.19% |
|      | Dec | 4 | 2 | 0 | 47.51%  | 10.19% |
| 2029 | Jan | 3 | 3 | 0 | -19.31% | 10.19% |
|      | Feb | 3 | 3 | 0 | 0.15%   | 10.19% |
|      | Mar | 3 | 3 | 0 | -0.70%  | 10.19% |
|      | Apr | 4 | 3 | 0 | 12.21%  | 10.19% |
|      | May | 5 | 4 | 0 | 16.64%  | 10.19% |
|      | Jun | 5 | 4 | 0 | 21.96%  | 10.19% |
|      | Jul | 5 | 3 | 0 | 21.86%  | 10.19% |
|      | Aug | 5 | 4 | 0 | 12.21%  | 10.19% |
|      | Sep | 5 | 3 | 0 | 33.48%  | 10.19% |
|      | Oct | 5 | 3 | 0 | 31.90%  | 10.19% |
|      | Nov | 5 | 3 | 0 | 43.22%  | 10.19% |
|      | Dec | 5 | 2 | 0 | 48.77%  | 10.19% |
| 2030 | Jan | 3 | 3 | 0 | -17.17% | 10.19% |
|      | Feb | 4 | 3 | 0 | 1.92%   | 10.19% |
|      | Mar | 3 | 3 | 0 | 1.07%   | 10.19% |
|      | Apr | 4 | 3 | 0 | 13.74%  | 10.19% |
|      | May | 5 | 4 | 0 | 18.11%  | 10.19% |
|      | Jun | 6 | 4 | 0 | 23.34%  | 10.19% |

|     |   |   |   |        |        |
|-----|---|---|---|--------|--------|
| Jul | 5 | 3 | 0 | 23.27% | 10.19% |
| Aug | 5 | 4 | 0 | 13.89% | 10.19% |
| Sep | 5 | 3 | 0 | 34.76% | 10.19% |
| Oct | 5 | 3 | 0 | 33.20% | 10.19% |
| Nov | 5 | 3 | 0 | 44.30% | 10.19% |
| Dec | 5 | 2 | 0 | 49.76% | 10.19% |

MWh Offtake was forecasted using linear trend analysis.



MWh Output was expected to grow at a rate of 5% annually.

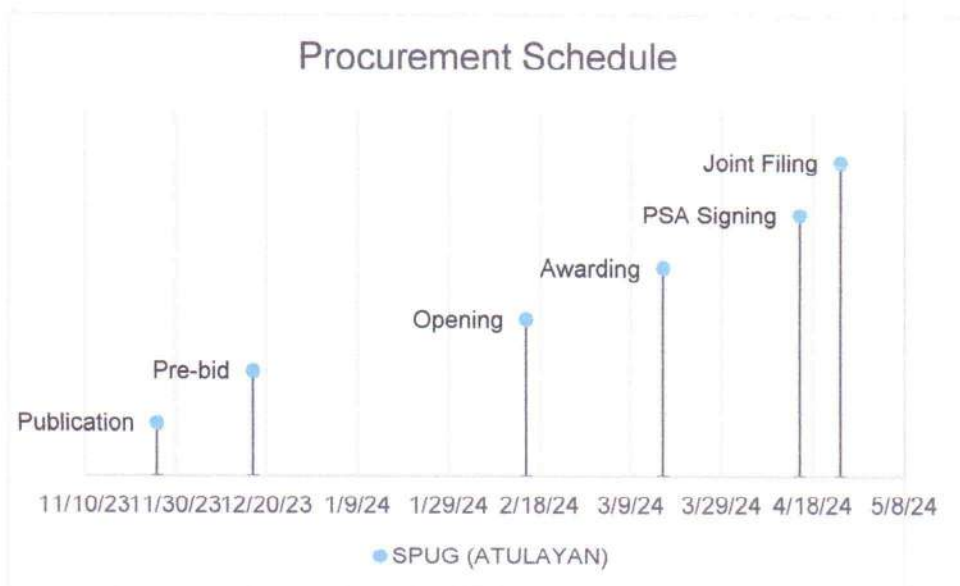


Power Supply

| Case No.        | Type | GenCo                      | Minimum MW | Minimum MWh/yr | PSA Start | PSA End   |
|-----------------|------|----------------------------|------------|----------------|-----------|-----------|
| Case No.        | Type | GenCo                      | Minimum MW | Minimum MWh/yr | PSA Start | PSA End   |
| SPUG (ATULAYAN) | Base | National Power Corporation | 0.01       | 20             | 7/26/2019 | 7/25/2024 |

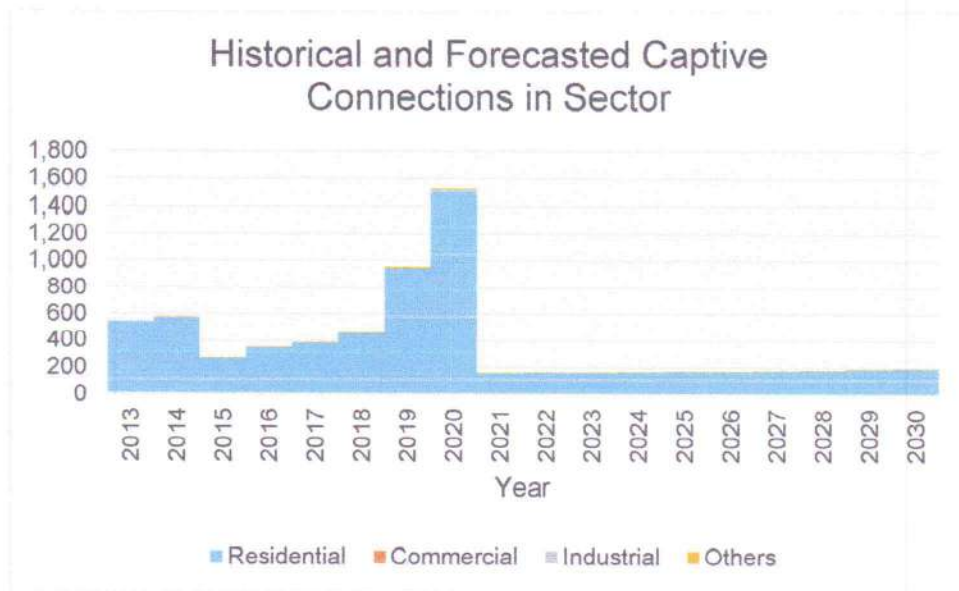
The Power Supply Agreement (PSA) with National Power Corporation was procured pursuant to Republic Act 9136 and Section 1.a and Section 3.a of Rule 13 of IRR of RA 9136.

|                | SPUG<br>(ATULAYAN) |
|----------------|--------------------|
| Type           | Base               |
| Minimum MW     | 0.01               |
| Minimum MWh/yr | 1.92               |
| PSA Start      | 7/26/2024          |
| PSA End        | 12/25/2030         |
| Publication    | 11/26/2023         |
| Pre-bid        | 12/17/2023         |
| Opening        | 2/15/2024          |
| Awarding       | 3/16/2024          |
| PSA Signing    | 4/15/2024          |
| Joint Filing   | 4/24/2024          |



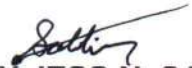
Starting January 2021, the two island grids Lahuy and Quinalasag, will be turned over to FP Island Energy Corporation (FPIC) under the QTP. Only the Atulayan Island will remain under CASURECO IV, supplied by NPC SPUG.

## Captive Customer Connections



Due to the commercial operation of FPIC in 2021 for the Islands of Lahuy and Quinalasag, only the remaining number of Residential connections in Atulayan Island will be supplied by the NPC. Said customer class is expected to account for 96% of the total consumption.

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