



Electric Power Corporation



Benchmarking Experience

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Benchmarking Liaison Officer (BLO) for EPC

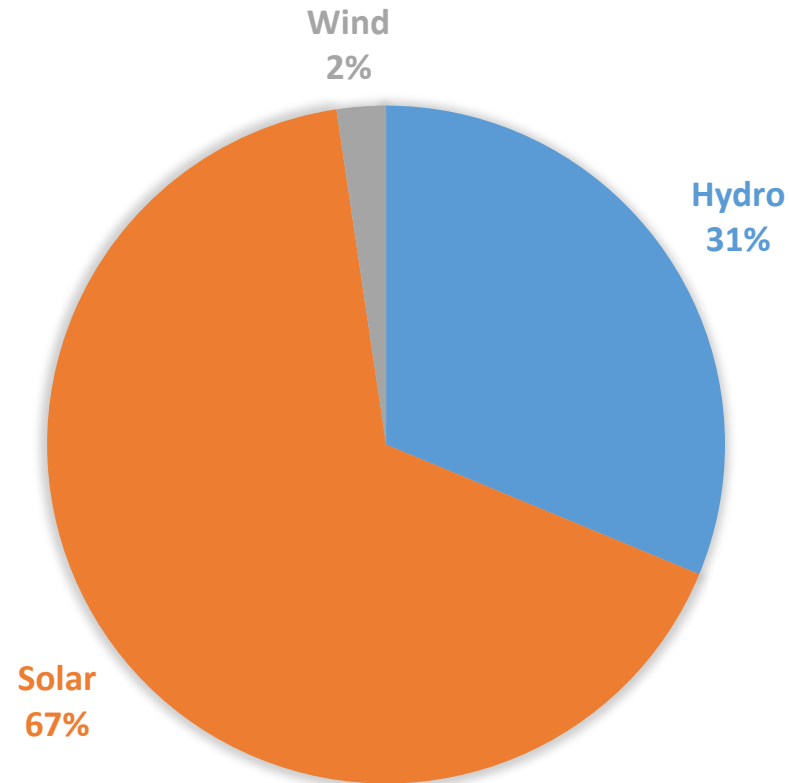
Overview of Renewable Installed Capacity

- Hydro : 8 MW
- Solar : 17 MW
- Wind : 0.6 MW

Peak Demand

- Mon – Fri : 21 MW
- Sat – Sun : 13 MW
- Public Holidays : 10 MW

INTALLED CAPACITY - RENEWABLE SOURCES



Benefits

- Improvement in data acquisition
 - Utilisation of our SCADA system and relevant software or databases to store and retrieve data
 - Developed a user friendly report using Excel to store and track information (one stop shop)
- More realistic goals/ outputs and KPIs
- EPC to formulate improvement plans

Challenges and Improvements

- Incomplete and irregularity of data provided
 - A good way to spot arithmetic errors
- Inconsistency in annual data provided
 - Utilities must provide clarification/ explanation on any significant variation in the results compared to the previous years
 - We need to ensure results will best represent the actual utility performance

Positive impact on EPC

- Improved system:
 - Stability
 - Reliability
 - Security
- These are achieved with our newly launched projects
 - Battery storage system
 - Micro grid controller
 - Improved methodology for tree clearing along our distribution network

