

Electrical Service Assessment

Description	Meter #	Rate Schedule	2021 Consumption (kWh)	2021 Max Demand (kW)
Main Meter	Meter # 322849447	SGS-TOU	322,837	192

Main - Meter #322849447

- Main Switchboard = 1200A
- Main Breaker Rating = *Unable to locate Main Disconnect. If Main Breaker is 1200A; then the following is true. The Main Disconnect size needs to be confirmed.
- 120 Rule allows 240A back-fed breaker
- PV System Output Current = 72.5A
- Continuous Duty Requirement = 90.625A
- Back-fed breaker size = 100A
 - PV System can comply with 120 Rule using 100A back-fed breaker in MDP Panel.
 - Due to the location of the Electrical Room below grade, Renu would recommend tying in the PV System at the secondary side of the transformer using an open set of lugs if available.