Note(s):
1. Each of the Customer's services will need to be reworked to accommodate the new underground service laterals.

2. The electrical connections are based upon the locations of the various "load" Customer's to the various "generation" Customer's to minimize the underground facilities that need to be installed while maintaining the "loop" distribution design.

3. The switchgear was arbitrarily selected for the "Interconnection to Overhead Circuit(s)". These were shown to remind us that for normal configuration operation, that the overhead will be supplying the load.

Legend:

- Interconnection to Overhead Circuit(s)
- Underground Distribution for "Load" (Customer) Loop
- Underground Distribution for Generation
- Swgr — Switchgear with special control equipment
- T — Padmount transformer for secondary served Customer
- Primary Metered Customer – with load & generation
- Primary Metered Customer – with generation only

Customer

150kVA

Customer
Customer-owned
15kV Primary Meter Pole Service

Customer

1000kVA

Customer

300kVA

NGrid Potsdam
Service Center

Proposed Energy
Storage Site #2
(1.000 MW/4.000 MWHr)

75kVA

Raquette River

Customer

75kVA

150kVA

Customer

300kVA

Customer

225kVA

Customer

Customer
Customer-owned
15kV Primary Metered
Switchgear Service

Customer Generator
Customer-owned
15kV Primary Meter
Pole Service

Customer
Customer-owned
15kV Primary Metered
Switchgear Service

Proposed PV Generation Site
(2.000 MW)

Proposed Energy Storage
Site #1
(2.000 MW/4.000 MWHr)

V/O Potsdam
Lawrence Avenue ES976

MicroGrid
Interconnection Diagram
(Rev 3.01)