



MILO SOLAR COLLECTOR

CLIENT: Confidential

LOCATION: Milo, Maine

CONTRACT VALUE: Confidential

START DATE: March 2020

COMPLETION DATE: December 2021

PROJECT DETAILS

The client is responsible for constructing the generator lead from the Milo solar site to the Milo substation. The generator lead is a 1.25 mile long 46 kV line built with Hendrix spacer cable. The line is constructed roadside and required the transfer of the existing 13.2 kV distribution circuit to the new structures.

Along with the difficulty of building the line along the road side the project included two river crossings.

SCOPE OF SERVICES

- Developed PLS-CADD model with Method 4 Structures to determine capacity of structures.
- Develop framing details for the single pole double circuit structures and structures to support line protection equipment.
- Work with real estate to locate guy anchors based on availability of guying rights.
- Develop construction bid package.
- Supported construction with RFI's inquiries and documentation.
- Built a road side transmission line that met the requirements of the client, the town of Milo and the land owners.