



October 16, 2020

Town of Canandaigua  
Planning Review Committee  
5440 Routes 5&20 West  
Canandaigua, NY 14424

RE: (CPN-20-071) Statement of Operations

To all concerned,

The purpose of this statement is to inform the committee of the plans for this project as well as the how we intent to install the project.

**Purpose:**

The purpose of this project to provide on-site power to the home located on the property. The property owner has an annual energy consumption of about 31,000 kWh/yr. The proposed system is designed to produce enough electricity to cover 102% of that usage. The project has received conditional acceptance from the utility for the distributed generation interconnection process. None of the power produced will be sold for off-site consumption, excess power produced during times of higher energy production that is not consumed by the home will be send backwards on to the grid to be stored for future time when that power is needed, i.e., at night or winter months. All of this is compliant with RG&E's distributed generations guidelines and agreement.

**Construction Plan:**

Day 1: Buffalo Solar will work with a sub-contractor to pneumatically drive the post of the ground mounted racking system into the ground. (811 Dig-Safe will be notified of the dig prior to construction) As this is happening a crew will be installing the other components of the racking to be able to install the panels upon the completed racking system. Electricians will be mounting and wiring required safety disconnects as well as inverters that converted the DC energy to AC energy. A trench will be made between the array and the attachment point located at the utility meter on the property. Conduit will be placed in the trench and the trend will then be backfilled. No ground will be left undisturbed for more than a few hours during construction.

Day 2: Panel optimizers will be installed and wired on the arrays as well as panels will be installed on the rack that was completed the day prior. Electricians will continue to wire system components.



Day 3: upon the final day the final panels will be installed, final electrical connects will be made, and the system will be commissioned and tested prior to the electrical inspection. Upon system being commissioned, the system will remain off until the system has passed electrical inspections and the utility has replaced the current meter with a solar net-meter.

Day 4: Construction will be completed on day 4, finale grade will be completed, and the site will be cleared of any garbage.

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18
Start Construction																		
Install Post in Ground																		
Panel Array																		
Hang Electrical Components																		
Wire Panels/Other Components																		
Test System																		
Get System Inspected																		
Utility Changes Meter																		
System Turned On																		

Sincerely,

Quinn Porzio  
Resident Project Development  
Renewable Energy Engineer