

PROJECT PROFILE

Farmington

LOCATION

Farmington, ME

START DATE

February 2020

END DATE

October 2021



SCOPE

EPC

CIVIL INSTALLATION

- Tree clearing and grubbing
- Rock drilling, blasting, crushing and clearing
- Site grading
- Road installation
- Over 13 miles of perimeter fencing

MECHANICAL INSTALLATION

- Piles
- RBI fixed tilt racking system
- 254,000 modules

ELECTRICAL INSTALLATION

- Switchyard
- Substation
- Site testing
- Commissioning and startup
- 7-mile, 158-structure overhead collection system
- Underground AC and DC cable system

OVERVIEW

The Farmington Solar Energy Center is a 76.5 MWac/115.9 MWdc solar power plant that sits on 500 acres of land in Franklin County, Maine. Farmington Solar is currently the largest solar farm in the state of Maine. The electrical output goes to Central Maine Power (CMP), who is the largest user of electricity in the state. The project is utilizing the new bi-facial module on the RBI racking system specifically designed for areas with rolling hills, which Farmington has no shortage of. Due to the terrain and how spread-out the project was, a seven-mile, 158-structure overhead collection system was installed on-site. The Farmington Solar team overcame many obstacles during construction, including drilling, blasting, crushing and clearing all the rock on-site in order to perform the installation.