

Disciplines Utilized

- Conceptual and Major Site Plan
- Boundary & Topographic Surveys
- ALTA Survey
- Utilities Survey
- As-Built Survey
- Construction Stakeout
- AutoCAD Services
- Wetlands Analysis
- Flood Zone Classification/Flood Hazard
- Permitting
- Planning Board Testimony

Site Size

59 Acres

Project Status

Complete

Special Permitting

Planning Board, NJDEP,
 Burlington County Soil Conservation

Project Team

Robert R. Stout, PE, CME, LS,
 Fran Reichelt, Matthew Walsh,
 Ken Carruth, Ben Gindville, PWS, CPM,
 Mark Malinowski, P.E., Jack Shildmyer



DESCRIPTION

When North America Solar Corp. was preparing to develop a new Community Solar project in South Jersey, the company engaged Stout & Caldwell to provide multidisciplinary civil engineering, surveyor and environmental services from the initial site plans to permits to planning board approvals. The project scope required comprehensive surveying to include boundary and topographic, ALTA and utilities as well as an as-built survey. In addition, the firm provided wetlands analysis along with flood zone classification and flood hazard evaluation. Special permitting was needed from NJDEP and Burlington County Soil Conservation. Now complete, a solar field with an array size of 8.579 MW sits on the 59 acres at 46 Gilbert Road in Bordentown/Springfield Township, generating power to the grid.

Services provided:

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Partners:

- North America Solar, Corp.

Community impact:

- Build new Community Solar project
- Increase power to grid with an array size of 8.579 MW
- Promote the use of renewable energy and reduce carbon footprint

