

# BROOKSIDE EQUESTRIAN CENTER Photovoltaic System

## PROJECT OVERVIEW

The Brookside Equestrian Center has leased a portion of its 100-acre facility to the Virginia-based Washington Gas Company for the installation of a 1 megawatt solar farm. The energy produced by this photovoltaic system (PV) is distributed through National Grid's existing electric network.

## PROJECT SPECIFICATIONS

Contract Amount: \$326,000

Facility Type: Commercial

Facility Size: 100 acres

Schedule: Winter 2015/2016

Location: North Smithfield, RI

## CONTACT US

505 Narragansett Park Drive  
Pawtucket, RI 02861  
401-727-3500  
www.ardeneng.com

## SERVICES PROVIDED

Photovoltaic System  
Installation

Electrical

## HIGHLIGHTS/ ACHIEVEMENTS

Installed high-voltage  
distribution conduit  
and wiring

Installed multiple  
transformers, switchboards,  
and recombiners/combiners

Provided third-party testing

## VALUE DELIVERED

Rayco-Arden provided a team of over 30 qualified electricians who successfully managed and installed the PV system, which included close to 4,000 panels. The solar farm produces 1.2 megawatts of DC electricity which, in conjunction with National Grid's existing network, helps to provide electricity to the surrounding area.

