



BHANOT ENGINEERS, INC.

About the Company

Bhanot Engineers, Inc (BEI) is a multi-discipline consulting engineering firm, located in Germantown, MD.

Services

- Solar design, analysis, and permitting
- Environmental Site Design and Permitting
- Surveying and mapping
- Electrical, Mechanical, and Structural design
- Energy audits and assessment

NAICS Codes

- 221114 – Solar Farms
- 237130—Solar Structures Construction
- 541330 – Engineering Services
- 541340 – Drafting Services
- 541370 – Boundary and Topographic Surveying

Certifications

- 8(a) Certified
- MDOT Certified
- LSBRP Montgomery County

Contact Us

Office Address:
20400 Observation Dr,
Suite 208
Germantown, MD 20876
Office Telephone:
(301) 640 5093
Web Site:
www.bhanotengineers.com

Washington Suburban Sanitary Commission (WSSC)

Solar Farms Project

Locations:

- 25 acre WSSC Seneca Wastewater Treatment Plant in Germantown, MD
- 13 acre WSSC Western Branch Wastewater Treatment Plant in Upper Marlboro, MD

Project Overview:

- 4 MW system of solar panel arrays under a SPPA
- 8,500 solar panels per site
- 6.6 million kWh of solar energy per year
- Providing around 17% of the electricity required to operate the two plants



Bhanot Engineers provided services including:

- Field investigation and survey
- Obtaining permits from MDE, M-NCPPC and MCDPS
- Structural and foundation design for the inverter pads and transformers
- Storm water management
- Erosion and sediment control
- Grading plans
- Transportation and site access assessment
- Profiling the underground utilities to avoid conflicts during construction



Existing



New

Ronald Reagan Washington National Airport

Project Overview:

- 110 KW roof mount system
- 45 Solar panels
- Ballast mounted on approximately 2,000 SF of existing roof

Bhanot Engineers provided services including:

- Field investigation to evaluate the existing roof layout
- Structural analysis/ Load survey of existing roof members
- Design for additional beam reinforcement to handle the proposed solar panel loads
- Solar panel and conduit layout
- Designed and obtained building permits from WMATA



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National Institute of Health Animal Center Campus Photovoltaic Farm

Project Overview:

- 240 KW Solar Photovoltaic Farm
- Half acre site located at NIH Animal Center Campus in Poolesville, MD

Bhanot Engineers provided services including:

- Site plan
- Land survey
- Sediment control plans

