

Knight Street Solar

PROJECT DESCRIPTION

- Knight Street Solar is a solar project located at 240 Knight Street in Warwick, Rhode Island.
- The 750 kW AC system will generate enough electricity to power 186 average homes for a year
- The project site is designed to have minimal environmental impacts with no disruption to wetlands or core forest

BENEFITS TO WARWICK

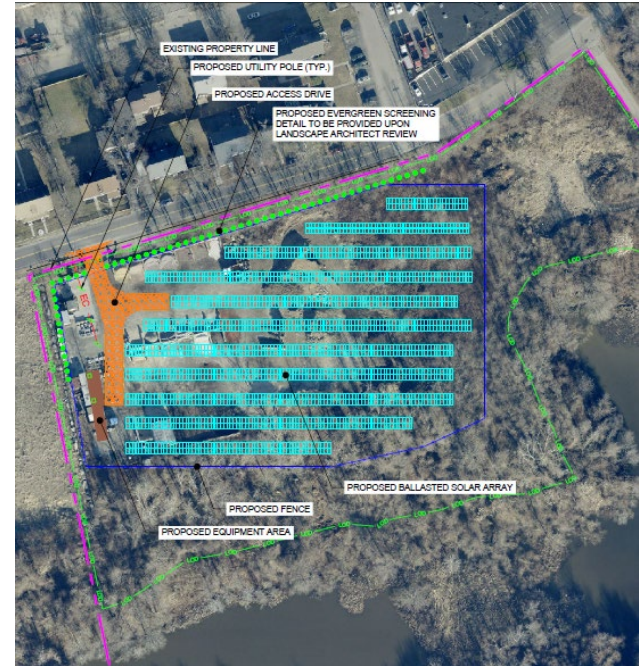
- Increased new annual municipal tax revenues with no additional burden on town services.
- Infrastructure upgrades that improve the reliability of Warwick's electrical grid.
- Reduction in energy demand during peak usage will decrease energy costs for ratepayers statewide.
- Strengthened renewable energy resources that produce electricity locally with zero pollution.
- The project site, a known landfill, will be capped in accordance with Rhode Island Department of Environmental Management.

ACHIEVING ENVIRONMENTAL BENEFITS

- This renewable energy project will support the State of Rhode Island's goal to meet 100% of the state's electricity demand with renewable energy resources by 2030, per Executive Order 20-01.
- The project will participate in Rhode Island's Renewable Energy Growth Program. It will sell the generated energy, capacity, and renewable energy certificates to Rhode Island Energy (formerly National Grid).
- Once operational, the project will offset the equivalent of 950 metric tons of CO2 annually, equal to the emissions from 107,373 gallons of gasoline consumed, or to the carbon sequestered by 15,778 tree seedlings grown for 10 years.
- When completed, the project will use an estimated 6.33 acres out of a total 16.8 acres, leaving the balance of the parcel to continue its prior land use characteristics.

APPROVAL PROCESS

A Public Hearing will be held on Wednesday, May 10th, 2023, at 6 p.m. at Warwick City Hall Annex (Sawtooth Building), Community Room, Ground Floor, 65 Centerville Road, Warwick RI 06516. If approved, the Planning Board may then recommend the project proceed to the Zoning Board of Review for a Special Use Permit.



Knight Street Solar cont...

ESTIMATED PROJECT CALENDAR

DEC/JAN	2022-23	Design phase completed
APR	2023	Public hearing: Planning & Zoning
JUN/JUL	2023	Building and electrical permit application
SEP	2023	Construction begins
JAN/FEB	2024	Project completion

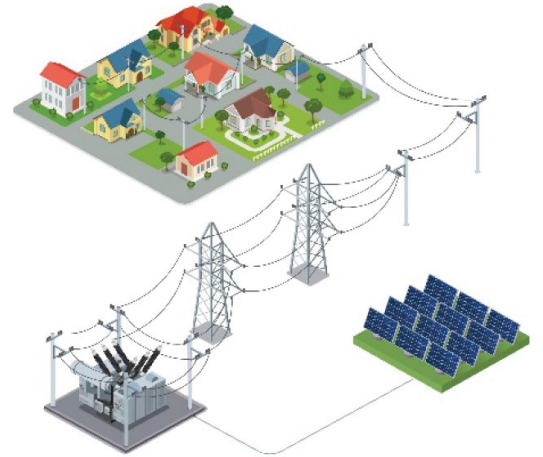
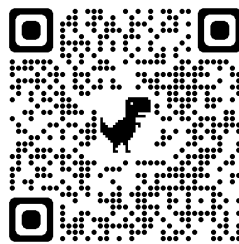
CONTACT US

Verogy is committed to keeping members of the Warwick community informed about this project. Please contact us with questions or concerns. Residents with questions about the approval process can contact Verogy's Director of Design and Permitting, Bradley Parsons at development@verogy.com or 860-288-7215 x715.

PROJECT CONTACT:

Bradley Parsons
 Director of Design and Permitting
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 860-288-7215 x715

FOR MORE INFO ON THIS PROJECT:



SOLAR ENERGY 101

1. Solar panels collect energy from the sun.
2. Inverters convert DC electricity to AC electricity.
3. Electricity is delivered to the circuit that connects to the substation through utility infrastructure.
4. Power is delivered to residential and business consumers through the local grid.

ABOUT VEROGY

Verogy is a Connecticut based solar developer focused on commercial, industrial and small utility scale projects. Built on 75+ years of combined industry experience, the professionals at Verogy have developed, financed and constructed hundreds of solar projects across the United States.