

U.S. EMBASSY VALLETTA, MALTA

GROUND BREAKING FOR RENEWABLE ENERGY PROJECT FACT SHEET

MAY 2015



Contractor: Solar Solutions LTD, Malta

Total Project Budget \$2.1 million

Utility Savings \$2.6 million over a 25-year life

GENERAL INFORMATION

- In September 2014, the Department of State awarded a contract to the Maltese company Solar Solutions LTD to design and construct renewable energy improvements at the U.S. Embassy in Valletta, Malta. Completion is expected in March 2016.
- The primary driver of the project will be a 350kW solar installation to be mounted on the ground and on top of new canopies to shade Embassy parking areas.
- The project includes two photovoltaic (PV) arrays to provide solar power, a small 6-kilowatt (kW) wind turbine, and a solar pool heater.
- Existing trees presently shading the parking area will be transplanted to the Embassy's consular garden.
- Together the new renewable energy systems will produce an estimated 505,000 kWh annually. According to the U.S. Department of Energy, this is equivalent to the power needs of 45 private U.S. houses.
- During the first year of the systems' operation, the Embassy is expected to save \$89,000 in energy costs.
- The Department calculates that the PV systems will pay for themselves within 10 years (assuming a design and construction cost of \$3.50/W).



CONTACT INFORMATION

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