Energy Matters
Climate Change
Competitive Markets
Energy Efficiency
Nuclear Energy
Renewable Energy
Criterion Wind Project
Emmitsburg Solar
Smart Grid

Emmitsburg Solar

Constellation Energy to Develop Maryland's Largest Solar Photovoltaic Power System

As part of the state of Maryland's Generating Clean Horizons initiative, Constellation Energy is developing a 17.4 megawatt (DC) solar photovoltaic power installation on land leased from Mount St. Mary's University in Emmitsburg, Md.

A $60 Million Investment by Constellation Energy

The state of Maryland will utilize 16.1 megawatts from the system and 1.3 megawatts of power will go the university. The approximately $60 million solar facility will be constructed, owned, operated and maintained by Constellation Energy. Renewable electricity produced by the system will be purchased by the state of Maryland and Mount St. Mary's under long-term power purchase agreements.

2012 Targeted Completion Date

The system is expected to produce more than 22,000,000 kilowatt hours of electricity per year. It utilizes innovative thin-film photovoltaic solar panels situated on approximately 100 acres of university land. The system is expected to be completed by December 2012 and would be the largest solar photovoltaic installation in Maryland. Only two photovoltaic systems currently in operation in the U.S. are larger.

Generating Clean Horizons

The Maryland Energy Administration, in partnership with the University System of Maryland and the Department of General Services approved the award of four renewable energy projects under the Generating Clean Horizons program launched in February 2009 to spur the development of large-scale, commercial renewable energy projects like this one. Under the initiative, the state issued requests for proposals for long-term power purchase agreements from renewable power sources delivering clean power to the grid by 2014.

An Experienced Solar Developer

Constellation Energy currently has approximately 60 megawatts of on-site solar projects completed or under development throughout the U.S. Qualifying projects of 1 MW or larger generally require at least 200,000 square feet of roof space or five to six acres of open ground. Commercial customers, universities, school systems, hospitals and government agencies interested in developing solar projects can contact Constellation Energy at Sustainable-Solutions@constellation.com or 1-877-427-2005.

For More Information

The project is currently in the design and permitting phase. For more information on our solar project in Emmitsburg, please e-mail Ron.Melchior@constellation.com.

Areas We Serve
View a U.S. map of our service areas.

View Interactive Map

©2011 Constellation Energy Group, Inc. All rights reserved.