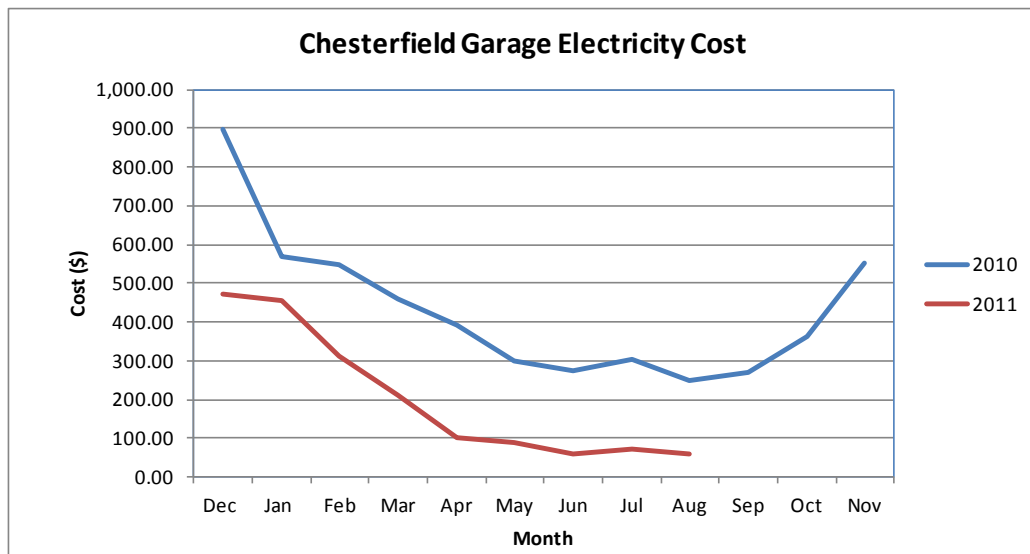




NH EECBG Success Story Chesterfield Renewable Energy Project

Project description and savings:

A 17.64 solar photovoltaic system was installed at the Chesterfield Highway garage. The system comprised of 72 solar panels and 3 inverters and produced approximately 21,693 kWh per year, which was slightly over the energy savings included in the grant application. The system went online in Dec. 2010 and a site visit was conducted in May 2011. Jan-Feb 2011 electricity generation was relatively low due to snow and reduced sunlight. The electricity generation of the solar array has increased significantly since March 2011. Currently, the system is generating more electricity than the garage uses and has resulted in 54% electricity cost savings since 2010.



Feedback:

The project contacts were surprised at the simplicity of the project and were happy with their contractors. They may even add another system to support the recycling center adjacent to the garage. They understood the need for some of the ARRA requirements such as Buy American and complied readily with it.