



## EnergyPeak™ System Proves Efficient in Snow and Cloudy Weather Conditions

The EnergyPeak building-integrated photovoltaic standing seam roof system has proven itself even in the cold and snow of Portland, MI in the winter season. With nearly two inches of snow on the EnergyPeak panels, the 5kW system continued to produce electricity at approximately 320 volts- almost 25% of its rated power. In fact, EnergyPeak panels are designed to work in lower-light, cloudy conditions that are prevalent in the North/Northeast portion of the U.S. Though there are shorter daylight hours in winter, EnergyPeak solar panels still produce power with diffuse light technology. In grid-connected applications like EnergyPeak, the PV system works in parallel with the utility power grid. So, if electrical needs exceed the solar power output, like on cloudy, winter days, the local utility makes up for the shortfall. On the other hand, when the PV system generates more energy than the building requires, the excess power is sent to the utility grid, reversing the electrical meter and saving power there.

CENTRIA provided the metal standing seam roof panels for this job and the building owner is AMI of Portland, MI.

