

Sheboygan Water Utility Photo Voltaic System

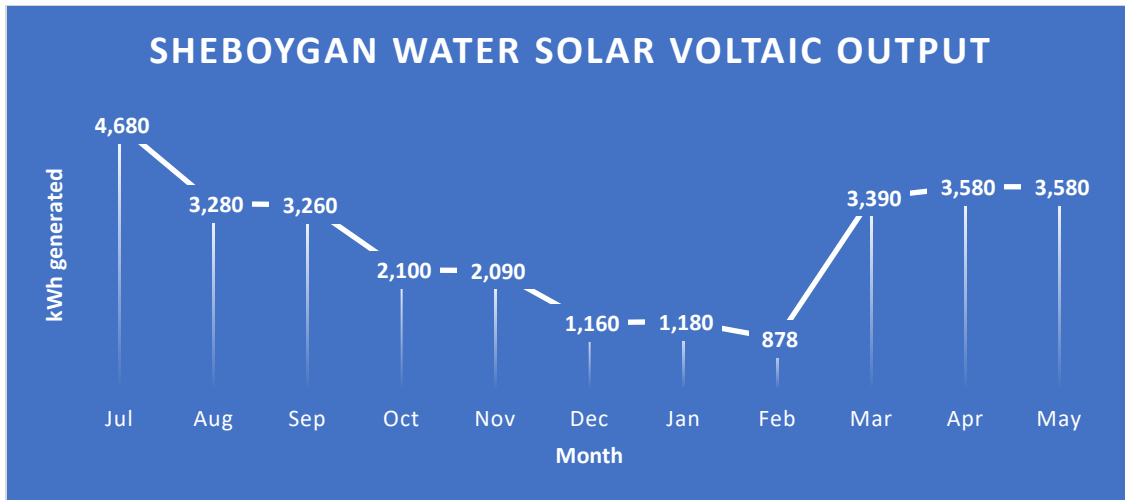
System Overview:

The solar voltaic system was commissioned by Arch Electric in late June of 2020 on the Utility's office rooftop. It is a combination of solar panels and an inverter system to convert solar power into usable power for the office building. The system is rated at 20 kWh. The calendar month and amount of sunlight received will dictate how much power is generated by the system.



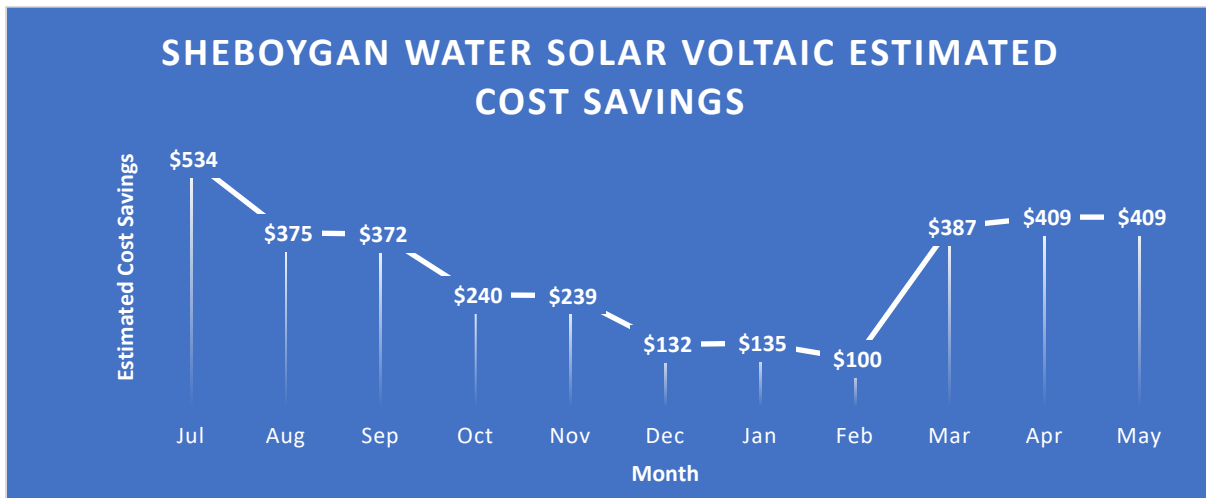
System Output:

During the first 11 months of the system being in service, it has generated **29,178 kWh** of energy.



System Cost Savings:

During the first 11 months of the system being in service, the system has saved the Utility an estimated **\$3,332**.



Environmental Benefits:

According to U.S. EPA and local standards the system has saved 23,966 lbs of CO2 emissions, and is equivalent to planting 181 trees.