Case Study -
First Citizen National Bank

100 North Sandusky Avenue
Upper Sandusky, Ohio 43351

- First Citizen National Bank launched a Going Green Campaign that included a number of sustainability practices, minimizing their environmental impact. As part of this initiative, the bank investigated the feasibility of installing an electric generating solar facility on the roof of the main office. After working with a developer and looking at the project details, bank leadership felt the project was a good economic investment.

- The 50 kW (kilowatt) electric generating solar facility consists of 189 solar panels mounted in steel racks that are fastened to the 10,000 sq. ft. roof and carry a wind resistance rating of 120 mph.

- This system was developed and installed by Vaughn Industries and provided a 3 year payback period on a generation system that is warranted for 25 years.

- The system produces an amount of energy equal to approximately 20% of the Main Office’s electric needs.

- The panels are mostly invisible from the street so an “energy meter” was installed in the lobby so customers can see the output of the system.

- As of February 2013, the project has generated 114,899 kWh of electricity, avoided 184,662 lbs. of CO2 emissions, and provided $10,340 in cash reimbursement on the project investment.