



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 a 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 consist 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.

