

**Tribal Energy Program**

Potawatomi Bingo Casino's Administration  
Building  
Photo Voltaic Solar Electric Panel Installation

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# Potawatomi Bingo Casino's Administration Building Photo Voltaic Solar Electric Panel Installation



# Where is this System Installed?





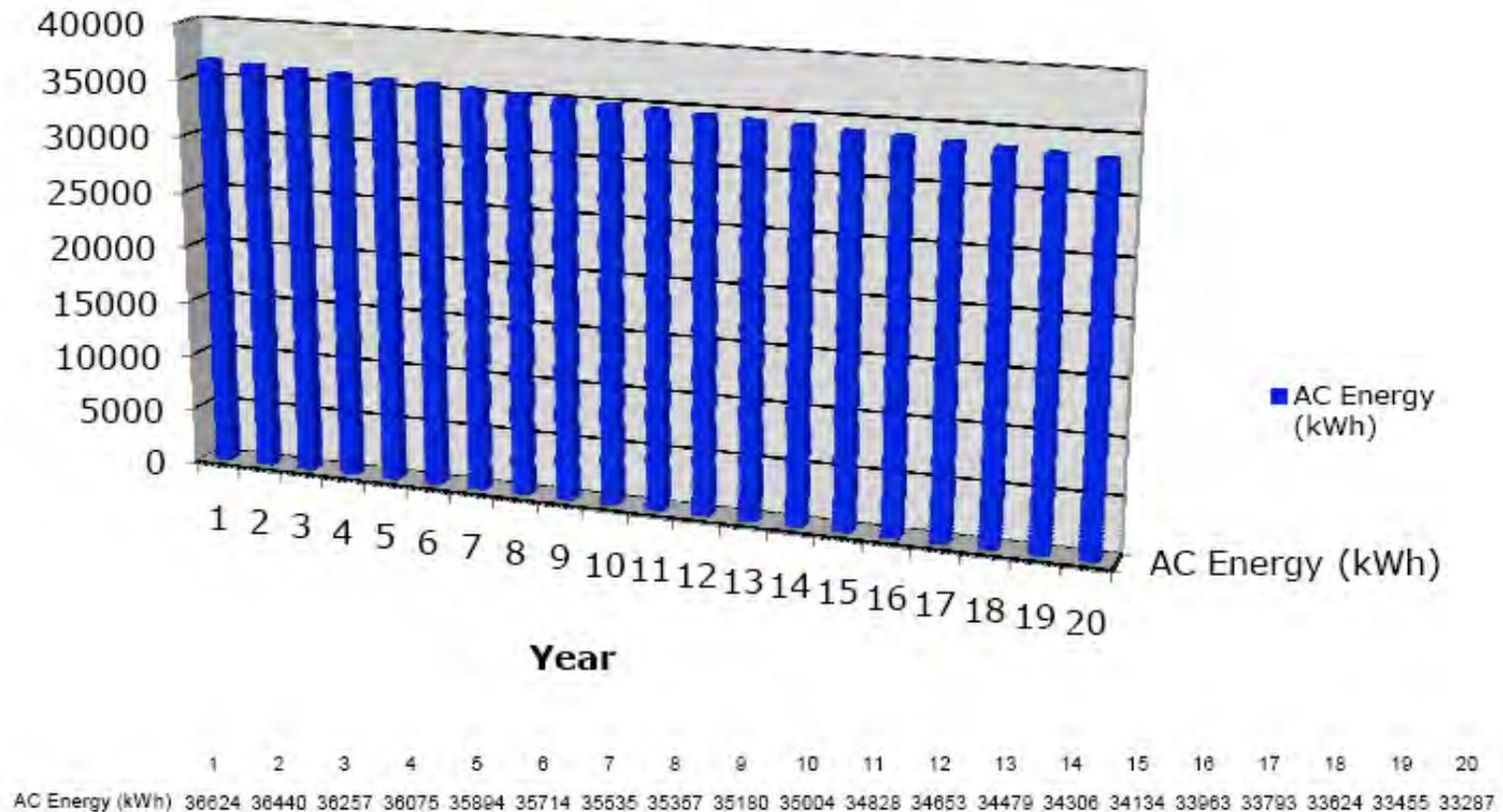
These modules are aligned in an array across the South East corner of the Admin Building roof

System  
consists of 132  
Helios, 240  
Watt  
Photovoltaic  
modules.



The system will produce approximately 35,000 Kilowatt hours of electrical energy per year

**20 Year System Production**



This project is anticipated to provide an ROI of 11 years after all incentives and power cost savings are factored in.

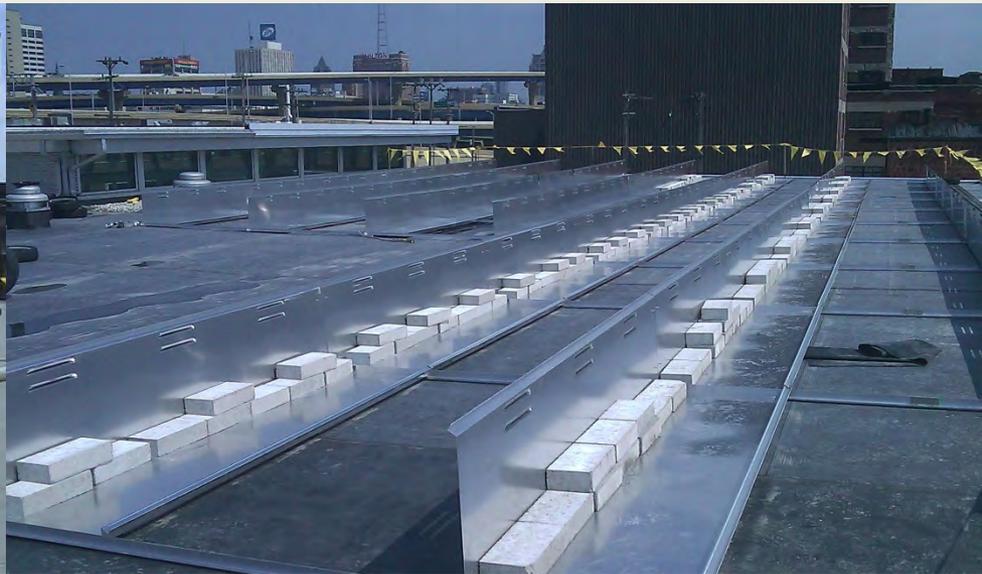


Questions?

# 1<sup>st</sup> Step, Vacuum the Ballast off the Admin Building Roof



# Step 2- Lay down a protective roofing membrane & install solar panel racks/ solar docks



# Step 3- Install Solar Panels onto solar Dock's & Interconnect them Electrically



# Step 4

The solar panels feed their solar electrical energy into an inverter which converts it from D.C. power to A.C. power and in turn feeds this power to the building for consumption

