

Paisano Green Community

El Paso, Texas Housing Community



The Challenge

The Housing Authority of the City of El Paso, Texas set forth to build the first net zero energy, public housing development in the nation for its most vulnerable residents: low income seniors and the disabled. How? By cutting power consumption in half with energy saving passive design strategies, and relying entirely on solar and wind power generation.



The Solution

In the Spring of 2012, Paisano Green Community opened its doors.

Among its sustainable energy initiatives stand two XZERES 10

turbines, quietly generating clean power for residents. These community scaled turbines are an ideal fit for this ground-breaking public housing project, combining function with design sensibility and environmental stewardship. A net-metering policy makes the entire effort an economic win-win with savings extending to Paisano's residents who experience substantially lower utility bills.

“There are no gas lines here. The renewable energy systems means some units will have annual utility bills as low as \$8.”

Shane Griffith, Housing Authority Spokesperson

Customer Benefits

Turbine Type: 2 XZERES 10
Application: .. Green Public Housing Community
Wind Speed: 8.68 mph
Annual Energy Production: 17,092 kWh
Annual Carbon Offset: 21,899 lbs

Grants Awarded

Federal Incentive

1603 American Recovery and Reinvestment Act: \$8.25M

Additional Incentives:

Housing Authority of the City of El Paso (HACEP): \$1.6M



It's your turn