

## Titusville Housing Authority

### Customer's Contact Information:

Titusville Housing Authority  
 217 E Central Ave., Titusville, PA 16354-1861  
 Ms. Alexa Vroman, Deputy Director, 814.827.7676

### Total Project Cost and Projected/Guaranteed Annual Savings:

Project Cost: **\$375,000**  
 Projected/Guaranteed Annual Savings: **\$49,306**  
 Savings generated in the first four months: **\$13,409**  
 Financed Amount: **\$375,000**  
 Rebates: Approximately **\$3,000**

### Type of Contact:

10-year contract and financing term, guaranteed savings, insured guarantee.



### Energy Conservation Measures Implemented:

We developed this EPC for a small PHA (150 units, 1 high-rise and 3 family sites of townhomes/apartment units). Services included an investment-grade energy audit, project development, savings guarantee, design, construction/implementation, and measurement of savings. ECMs to be installed include an energy recovery ventilator to recapture waste heat and to improve indoor air quality, water conservation measures, energy-efficient lighting, and windows.

### Energy use and costs prior to project implementation:

HUD approved Authority-paid Baseline. Cost determined using the most recent lag year net effective rate.

	WATER (gals)	ELECTRICITY (kWh)	GAS (CCF)
<b>Consumption</b>	4,644,833	767,542	89,271
<b>Utility Cost</b>	\$90,110	\$81,052	\$119,873

### Construction:

The Titusville Housing Authority project closed on March 20, 2012. Construction started in early April and was completed in August, and achieved savings data will not be available until the project is in the measurement and verification phase.

### Key Project Personnel:

John E. "Gene" Overmyer, Marby Wellington, James Higgins, Anthony Mackin, James Ferreira and Janice Baker (all located in the St. Pete Beach, FL office).

### HUD Incentives Utilized:

Frozen Rolling Base incentive.

### Type of Verification Methodology:

IMPVP Option C measurement, as modified for HUD requirements.