



# Polk County Government

## PACT<sup>SM</sup> Project Reference

### Customer Profile

Polk County, located in Central Florida, is the fourth largest County in Florida encompassing approximately 2,010 square miles. The county seat is located in Bartow, Florida. This project included renovations at eight county facilities, including the County Courthouse, Administration Building, Sheriff's Operations Center, Historic Museum and Library, Property Appraiser, Tax Collector, Tag Agency, and Supervisor of Elections facilities.

### Customer Issues

- Reduce operating expenses.
- Make building improvements for which no capital funding was available.
- Improve facility operations.
- Update building automation systems.
- Meet current ventilation rates and improve Indoor Air Quality.

### Project Objective

Reduce operating costs, provide better maintenance and support services, centralize chilled water production for multiple buildings, and create funding mechanism for much needed improvements.

**Project Size** \$5,630,000

**Guaranteed Annual Savings** \$503,629

Projected energy savings and demand reduction: 5,221,690 kWh, 10,382 kW, and 68,037 ccf natural gas.



### Project Scope and Results

- Construction of new 1000-ton central chilled water plant serving the Courthouse and Jail.
- Chiller replacement in three additional buildings.
- Lighting retrofits.
- Dedicated Outdoor Air Units
- Energy Management System and HVAC Controls Upgrade
- Water conservation

### Contract Dates

February, 2001 – February, 2011

### Contact:

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