



**FPL Services.**

# Case Study

## City of Sarasota to save more than \$1.4 million from guaranteed energy efficiency savings

In 2004, FPL Services, LLC (FPLS) partnered with the City of Sarasota, Florida to improve the city's energy efficiency and lighting, while reducing water consumption and costs. These improvements are estimated to save the city more than \$1.4 million over the 10-year contract period.

### Project Scope

Complete an energy conservation analysis for more than 75,000 square feet of infrastructure, including office buildings and water treatment plants, and provide a comprehensive feasibility study of the existing equipment. Due to age, some systems had been augmented with temporary equipment which addressed the problem on a short-term basis, but added to the overall operating expense. Despite the need for improvements, capital budgets were limited and no funds were available to replace the aging equipment.

### Solutions

Provided an energy conservation analysis which included:

- » High efficiency lighting retrofits
- » Variable speed drives
- » Water conservation measures
- » Traffic signals
- » Generators



### Results

The City of Sarasota, Florida was able to make more than \$2.1 million of improvements with no up-front capital expense through performance contracting. FPLS' energy conservation measures saved energy, as well as reduced the cities carbon footprint.

- » 1,722,000 kWh demand reduction per year
- » 1,600 gallons of water reduced per year
- » 2,428,001 pounds of CO<sub>2</sub> reduced per year
- » 1,998 pounds of NO<sub>x</sub> reduced per year
- » 4,426 pounds of SO<sub>x</sub> reduced per year

## Benefits

### Saving Scarce Resources

Every kWh the City of Sarasota saves reduces carbon emissions and helps protect the environment. In addition to the kWh savings, the city reduced its water consumption by more than a million gallons of water per year.

### No Up-Front Costs

The City of Sarasota partnered with FPLS to implement turn-key energy and water conservation upgrades for their facilities. Through a performance contract, the City of Sarasota was able to fully finance all upgrades for energy-efficient equipment and FPLS guarantees the savings over 10 years.

As an industry leading Energy Services Company (ESCO), FPLS offers performance based guarantees to help maintain or reduce O&M budgets, while upgrading facilities. For more than 20 years, FPLS has never missed a savings guarantee.

### Reliable Expertise and Experience

FPLS works collaboratively with cities and government agencies to save energy and dollars by supplying financing information, technical review assistance, and project facilitation.



Traffic signal upgrades improved safety and reduced energy consumption



FPLS retrofitted light fixtures throughout many of the city's facilities

**FPL Services. Where proven meets possible.**

Visit [www.FPL-Services.com/ESCO](http://www.FPL-Services.com/ESCO) or call 1-888-706-5685



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