



Tropicana Field

PACTSM Project Reference

Customer Profile

Located in St. Petersburg, Florida, Tropicana Field is home to Major League Baseball's Tampa Bay Devil Rays. Originally constructed in 1989, Tropicana Field underwent an \$85 million upgrade that was completed in 1998, bringing the total size of the facility to 1.1 million square feet. This upgrade included a guaranteed energy savings contract with Trane for the installation of a 5100-ton chiller plant and a complete building automation system.

Customer Issues

- Over budget for construction cost, resulting in inadequately sized chiller plant.
- Inefficient chillers.
- Constant volume chilled water pumping.
- Lack of operational capability.
- Outdated building automation.

Project Objective

Develop a creative funding approach to increase plant's capacity and make required building upgrades that offset lack of construction money. Also, provide full-time, on-site supervision of HVAC plant during

Project Size \$5,613,122

Guaranteed Annual Savings \$567,990

Projected energy savings: 6,669,770 kWh.



Project Scope and Results

- Construction of new 5100-ton central chilled water plant serving the entire facility.
- Building Automation System
- Lighting Controls.
- Cooling Tower replacement.
- Variable flow chilled water system.
- Water conservation
- Utility monitoring.
- Full-time on-site full operation and maintenance staff.

Contract Dates

February, 1997 – February, 2007

Contact:

Rick Nafe

Tampa Bay Devil Rays

175 5th Street North

St. Petersburg, FL 33701

813 825 3300

Trane Global Controls and Contracting (800) 877-1327

Trane-Asset Management Services (800) 877-1327