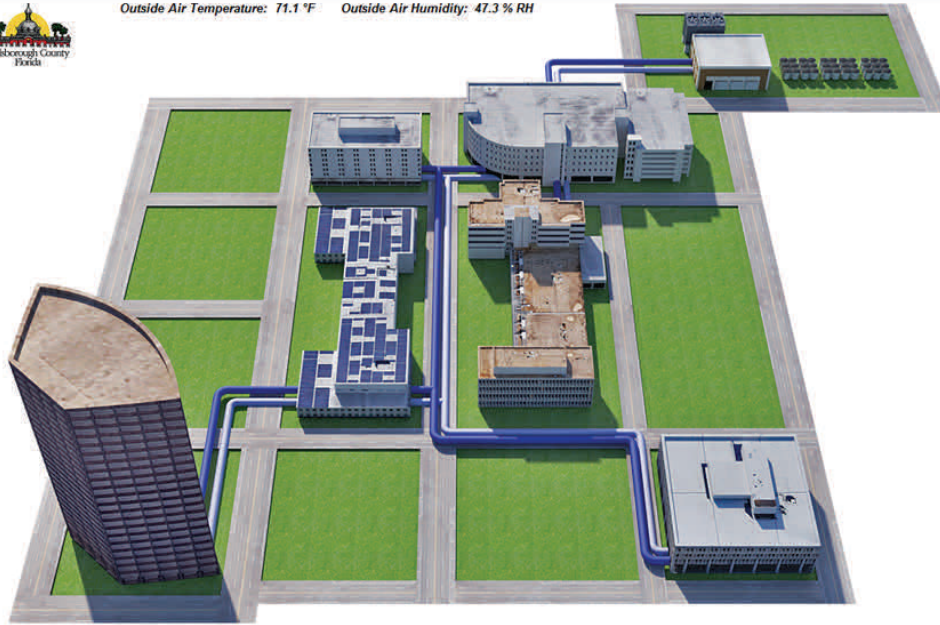


Hillsborough County Central Energy Plant

Tampa, Florida



Outside Air Temperature: 71.1 °F Outside Air Humidity: 47.3 % RH



PROJECT DESCRIPTION:

Trane performed the Design, Construction, Operation & Maintenance of a 3,900 ton central energy plant with 84 thermal ice storage tanks and extensive underground piping system connecting seven county buildings. Energy conservation measures performed within the buildings included lighting retrofits, water conservation, Building Automation System upgrades, HVAC re-commissioning, exhaust air energy recovery and a condensate collection and reuse system for all buildings. Trane performs plant operation and maintenance, continuous energy monitoring and optimization for the chiller plant and all 7 connected buildings.

OWNER:

Hillsborough County Government
Randy Klindworth
Energy Manager
KlindworthR@HillsboroughCounty.org
(813) 276-8789

CEP CAPACITY:

4500 TONS

EXPANSION CAPACITY:

2500 TONS

EQUIPMENT AND SPECIFICATIONS:

- Trane 1,500-ton ice making centrifugal chiller
- Trane 2,500-ton duplex centrifugal chiller
- (84) Calmac ice storage tanks
- Marley cooling towers
- Well pump for make-up water
- Condensate collection system
- Trane Tracer SC Building Automation System

OPERATION PERIOD:

2002—PRESENT

Tampa Bay Trane has continuously operated and maintained the Encore CEP since start up in 2002.

Hillsborough County Central Energy Plant

Tampa, Florida



Hillsborough County Downtown HVAC

Tree

Edit Tree

- Hillsborough County
- Systems
- Spaces
- Programmable Cor
- Chillers

Chiller-1A

Graphic Status Alarms Data Logs Details

