

# Pinellas County Central Energy Plant

Clearwater, Florida



## PROJECT DESCRIPTION:

The Pinellas County Central Energy Plant (CEP) serves the county's downtown Clearwater campus including courthouse, administration and public service spaces. Trane performed initial plant feasibility analysis, design, construction and operation/maintenance services as the prime design-build contractor for the county. The CEP is designed for expansion capability to 5,000 tons. Trane also provides 24-hour operation and maintenance, energy monitoring and optimization and chilled water billing services.

## OWNER:

Pinellas County Government  
Paul Sacco, Assistant County Administrator  
psacco@co.pinellas.fl.us  
(727) 464-3494

**CEP CAPACITY: 2100 TONS**

**EXPANSION CAPACITY: 2900 TONS**

## EQUIPMENT AND SPECIFICATIONS:

- Trane 600-ton ice making centrifugal chiller
- (2) Trane 600-ton centrifugal chillers
- (21) Calmac ice storage tanks
- Marley cooling towers
- Well pump for make-up water
- Trane Tracer SC Building Automation System

**OPERATION PERIOD: 2015—PRESENT**

Tampa Bay Trane has continuously operated and maintained the Encore CEP since start up in 2015.



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