



## **ENWAVE-USA DISTRICT COOLING**

### **HOUSTON – UNION STATION PLANT**

#### **Quick Facts**

**Union Station Plant 1401 Rusk Avenue (between Austin / LaBranch and Rusk / Capital)**

**Began construction April 1998, began providing service to Minute Maid Park April 1999**

**Plant Size 60,000 square feet**

**Plant capacity at full build out 35,000 tons**

**Distribution system capacity 80,000 tons**

**Distribution piping 5.45 miles of chilled water piping in service**

**Current installed capacity 29,290 tons**

#### **Chillers**

**York Electric Centrifugal 3 @ 2,000 tons each**

**Trane Electric Centrifugal 2 @ 2,000 tons each**

**York Rotary Screw Chillers 3 @ 2,555 tons of chilled water  
(dual mode) or  
2,005 tons of ice building capacity**

**Thermal Storage Tanks Ice on coil (external melt)**

**Tank One 44,000 ton-hours**

**Tank Two 49,000 ton-hours**

**Power Supply Two separate 34.5 KV feeds from Polk Street Substation on automatic rollover from two separate transmission lines**

**System Reliability 100% since operation began in August 1999  
No unplanned outages**

**System Availability 99.99% since operation began  
Planned outages of 6 hours in 13 years**

**Currently have contracts with 21 customers to serve twenty-four buildings, approximately 6.5 million square feet of space in downtown Houston.**

### **Current Customer List**

- **Minute Maid Park**
- **1001 McKinney**
- **South Texas College of Law**
- **Houston Chronicle**
- **Christ Church Cathedral**
- **Episcopal Diocese Administrative Offices**
- **Episcopal Diocese Mission Outreach Center**
- **Landry's**
  - **Inn At the Ballpark**
  - **Vic & Anthony's Steakhouse**
- **Magnolia Hotel**
- **Reliant Energy Plaza**
- **Alden Hotel**
- **Commerce Tower**
- **Americana Building**
- **Humble Building**
  - **Humble Towers Apartments**
  - **Marriott Residence Inn**
  - **Courtyard by Marriott**
- **El Paso – Travis Place**
- **Alley Theatre**
- **McKinney Garage**
- **Kirby Building**
- **Houston Pavilions**
- **Chevron**
- **Embassy Suites Hotel**