



Spotlighting  
Industry  
Growth

# District Energy Space '01

More than 28.5 million  
square feet reported

The publication District Energy Space has become an annual tradition for the International District Energy Association. The publication features a compilation of buildings that have become district energy customers in North America during the previous 12 months – showcasing the industry's solid annual growth.

# District Energy Space '01

Spotlighting Industry Growth

In the past, District Energy Space was issued during the second quarter each year along with *District Energy* magazine. Now, for the first time, the publication has 'gone digital,' and is available solely by download from IDEA's Web site, <[www.districtenergy.org/de\\_space.htm](http://www.districtenergy.org/de_space.htm)>. IDEA members will be able to download the entire publication or specific sections of the document that best meet their needs.

As represented here, customers totaling more than **28,592,908 sq ft** of space were added to district energy systems in 2001. Since 1990, District Energy Space has reported 225,258,285 sq ft of buildings connected to district energy systems.

Information on new customers is submitted – often along with photographs – by the district energy provider. Building highlights featured in District Energy Space are

- the building's name;
- the service provider's name;
- the building's location;
- the building's square footage (where available); and
- the services provided (heating, domestic hot water, laundry, brewing, cooling, etc.)

Make plans now to photograph and feature all of your new customers in the 2002 edition of District Energy Space! **NOTE:** The deadline for submittal of buildings signed in 2002 is Fri., Feb. 28, 2003. All systems submitting entries will receive a special certificate of appreciation. Also, during the 2003 annual conference in Philadelphia, IDEA will congratulate and present awards to those systems with the greatest amount of total square footage added and the greatest number of buildings added during the year 2002.

# Commercial-Office

## 201 No. Howard

Comfort Link  
Baltimore, Md.  
263,000 sq ft – cooling

## 74 New Montgomery

NRG Energy Center San Francisco  
San Francisco, Calif.  
120,000 sq ft – heating, domestic hot water

## Allegiance Telecommunications

Austin Energy  
Austin, Texas  
20,241 sq ft – heating, cooling

## Brooks Building

District Energy St. Paul, Inc.  
St. Paul, Minn.  
20,000 sq ft – heating

## Ecolab University Center

District Energy St. Paul, Inc.  
St. Paul, Minn.  
151,000 sq ft – heating

## First National Tower

Energy Systems Co.  
Omaha, Neb.  
960,000 sq ft – heating, cooling, domestic hot water

## Four Penn Center

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
500,000 sq ft – heating, domestic hot water



74 New Montgomery



Brooks Building



Ecolab University Center



First National Tower

Courtesy of eomaha.com



Four Penn Center

Commercial

**IOE Baltimore**

Comfort Link  
Baltimore, Md.  
168,000 sq ft – cooling

**Pac Bell Building**

NRG Energy Center San Francisco  
San Francisco, Calif.  
480,000 sq ft – heating, domestic hot water

**Qwest Tower**

Xcel Energy  
Denver, Colo.  
683,000 sq ft – cooling

**Support Center for Child Advocates**

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
8,700 sq ft – heating



**Pac Bell Building**



**Support Center for Child Advocates**



**Qwest Tower**

**Town Square/North Central Life Tower**

District Energy St. Paul, Inc.  
St. Paul, Minn.  
536,547 sq ft – heating, cooling

**US Bank – West Side Flats Phase 1**

District Energy St. Paul  
St. Paul, Minn.  
230,000 sq ft – heating

**US Bank – West Side Flats Phase 2**

District Energy St. Paul  
St. Paul, Minn.  
270,000 sq ft – heating



**Town Square/North Central Life Tower**



**US Bank – West Side Flats Phases 1 and 2**

Courtesy of US Bank.



**Warwick Building**

NRG Energy Center San Francisco  
San Francisco, Calif.  
49,000 sq ft – heating, domestic hot water

**Commercial-  
Retail/Manufacturing**

**Computer Sciences Corporation-Retail**

Austin Energy  
Austin, Texas  
37,500 sq ft

**Filbert Street Garage and Retail**

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
29,000 sq ft – heating

**Lockheed Martin Missiles & Fire Control-Orlando**

OU Cooling  
Orlando, Fla.  
2,000,000 sq ft – cooling

**Multer**

Austin Energy  
Austin, Texas  
692,000 sq ft – heating, cooling

**Renaissance Box**

District Energy St. Paul, Inc.  
St. Paul, Minn.  
65,000 sq ft – heating, cooling



**Warwick Building**



**Renaissance Box**



**Lockheed Martin Missiles & Fire  
Control-Orlando**



**Filbert Street Garage  
and Retail**

# Entertainment, Cultural or Sporting Center

## America West Arena

Northwind Phoenix  
Phoenix, Ariz.  
670,000 sq ft – cooling

## Austin Museum of Art

Austin Energy  
Austin, Texas  
90,000 sq ft – cooling

## Bank One Ballpark

Northwind Phoenix  
Phoenix, Ariz.  
1,200,000 sq ft – cooling

## Denver Art Museum

Xcel Energy  
Denver, Colo.  
300,000 sq ft – cooling

## Denver Public Library

Xcel Energy  
Denver, Colo.  
500,000 sq ft – cooling

## Dodge Theater

Northwind Phoenix  
Phoenix, Ariz.  
175,000 sq ft – cooling



Denver Art Museum



America West Arena



Denver Public Library



Bank One Ballpark



Dodge Theater

# Government

## Alfred A. Arraj U.S. Courthouse

Xcel Energy  
Denver, Colo.  
193,000 sq ft – heating, cooling

## Appraisers Store

Comfort Link  
Baltimore, Md.  
135,000 sq ft – cooling

## Austin City Hall

Austin Energy  
Austin, Texas  
100,000 sq ft – cooling

## National Aquarium in Baltimore

Comfort Link  
Baltimore, Md.  
300,000 sq ft – cooling

## Orange County Convention Center

OU Cooling  
Orlando, Fla.  
7,000,000 sq ft – cooling

## Philadelphia Sports Club

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
18,300 domestic hot water

## Phoenix Suns Athletic Club

Northwind Phoenix  
Phoenix, Ariz.  
19,000 sq ft – cooling



National Aquarium in Baltimore



Philadelphia Sports Club



Orange County Convention Center



Phoenix Suns Athletic Club

**City and County Building**

Xcel Energy  
Denver, Colo.  
300,000 sq ft – cooling

**City and County of Denver Office Building**

Xcel Energy  
Denver, Colo.  
600,000 sq ft – heating, cooling, domestic hot water

**Customs House**

Comfort Link  
Baltimore, Md.  
97,000 sq ft – cooling



**City and County Building**



**City and County of Denver Office Building**



**Dauphin County Administration Building**

**Dauphin County Administration Building**

NRG Energy Center Harrisburg  
Harrisburg, Pa.  
82,230 sq ft – heating, cooling

**Dauphin County Courthouse**

NRG Energy Center Harrisburg  
Harrisburg, Pa.  
96,376 sq ft – cooling

**Fourth Avenue Jail**

Northwind Phoenix  
Phoenix, Ariz.  
578,000 sq ft – cooling



**Dauphin County Courthouse**



**Fourth Avenue Jail**



**McNichols Building**

Government



**Hruska Federal Courthouse**

Energy Systems Co.  
Omaha, Neb.  
350,113 sq ft – heating, cooling, domestic hot water

**Maryland Transit Administration,  
Operations Center**

Comfort Link  
Baltimore, Md.  
40,000 sq ft – cooling

**McNichols Building**

Xcel Energy  
Denver, Colo.  
50,000 sq ft – cooling

**Merchants Exchange Building  
(National Park Service)**

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
40,000 sq ft – heating, domestic hot water



**Merchants Exchange Building  
(National Park Service)**

**Metrowest Offices of the Social Security**

Comfort Link  
Baltimore, Md.  
458,000 sq ft – cooling

**Minnesota Retirement Systems Building**

District Energy St. Paul, Inc.  
St. Paul, Minn.  
130,000 sq ft – heating

**Plaza de Maricopa**

Northwind Phoenix  
Phoenix, Ariz.  
750,000 sq ft – cooling

**Police Administration Building**

Xcel Energy  
Denver, Colo.  
150,000 sq ft – cooling



**Plaza de Maricopa**



**Minnesota Retirement Systems Building**



**Police Administration Building**

Government continued

### Police Detention Facility

Xcel Energy  
Denver, Colo.  
100,000 sq ft – cooling

### Security Building

Northwind Phoenix  
Phoenix, Ariz.  
238,000 sq ft – cooling



Police Detention Facility



Security Building

## Hotel

### Hampton Hotel

Austin Energy  
Austin, Texas  
130,000 sq ft – cooling

### Hyatt Hotel

Xcel Energy  
Denver, Colo.  
550,000 sq ft – cooling

### Marriott Residence Inn

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
187,000 sq ft – heating, process use, domestic hot water, pool heating



Hyatt Hotel



Marriott Residence Inn

**Mason's Building**

Comfort Link  
Baltimore, Md.  
80,000 sq ft – cooling

**Omni Hotel**

NRG Energy Center San Francisco  
San Francisco, Calif.  
260,000 sq ft – heating, domestic hot water

**Orchard Hotel**

NRG Energy Center San Francisco  
San Francisco, Calif.  
60,000 sq ft – heating, domestic hot water

**Pasadena Hotel**

NRG Energy Center San Francisco  
San Francisco, Calif.  
25,000 sq ft – heating, domestic hot water

**Shannon Court Hotel**

NRG Energy Center San Francisco  
San Francisco, Calif.  
45,000 sq ft – heating, domestic hot water

**Tremont Hotel**

Comfort Link  
Baltimore, Md.  
140,000 sq ft – cooling



**Omni Hotel**



**Pasadena Hotel**



**Shannon Court Hotel**



**Orchard Hotel**

# Other

## Big Bowl Restaurant

Xcel Energy  
Denver, Colo.  
15,000 sq ft – heating, domestic hot water

## Broadjump.com

Austin Energy  
Austin, Texas  
89,932 sq ft – heating, cooling

## Capital City Plaza Ramp

District Energy St. Paul, Inc.  
St. Paul, Minn.  
24,950 sq ft – heating, cooling

## Downtowner Woodfire Grill

District Energy St. Paul, Inc.  
St. Paul, Minn.  
13,500 sq ft – heating, cooling

## IBM

Austin Energy  
Austin, Texas  
716,648 sq ft – heating, cooling

## ISE Technologies

Austin Energy  
Austin, Texas  
13,349 sq ft – heating, cooling

## World Herald Freedom Center

Energy Systems Co.  
Omaha, Neb.  
321,300 sq ft – heating, cooling, process use, domestic hot water

## World Herald Newsprint Storage

Energy Systems Co.  
Omaha, Neb.  
47,000 sq ft – heating



**Big Bowl Restaurant**



**Downtowner Woodfire Grill**



**Capital City Plaza Ramp**



# Residential

## Brooks Tower

Xcel Energy  
Denver, Colo.  
750,000 sq ft – cooling

## Greentree Apartments

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
70,000 sq ft – heating

## The Hamilton Apartments

NRG Energy Center San Francisco  
San Francisco, Calif.  
160,000 sq ft – heating, domestic hot water



Brooks Tower

## The Left Bank

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
800,000 sq ft – heating, domestic hot water

## The Lofts at 1835 Arch

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
256,000 sq ft – heating, domestic hot water



The Hamilton Apartments



The Lofts at 1835 Arch



Greentree Apartments



The Left Bank

### **The Phoenix - 1600 Arch**

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
600,000 sq ft – heating

### **Plaza Lofts**

Austin Energy  
Austin, Texas  
17,69012,725 sq ft – cooling

### **The Pointe of St. Paul**

District Energy St. Paul, Inc.  
St. Paul, Minn.  
350,000 sq ft – heating, cooling, domestic hot water



**The Phoenix - 1600 Arch**

## **School, Hospital or Institution**

### **Creighton University-Administration Building**

Energy Systems Co.  
Omaha, Neb.  
71,035 sq ft – cooling

### **Milton M. Hurwitz ExerCare Fitness Center**

District Energy St. Paul, Inc.  
St. Paul, Minn.  
10,000 sq ft – heating, cooling, domestic hot water



**Milton M. Hurwitz ExerCare  
Fitness Center**



**The Pointe of St. Paul**

**Neurosciences Research Building**

The University of North Carolina at Chapel Hill  
Chapel Hill, N.C.  
108,380 sq ft – heating, cooling, process use, domestic hot water, refrigeration

**North Carolina Women's Hospital/North Carolina Children's Hospital**

The University of North Carolina at Chapel Hill  
Chapel Hill, N.C.  
441,350 sq ft – heating, cooling, process use, domestic hot water, refrigeration

**Texas Culinary Institute**

Austin Energy  
Austin, Texas  
51,732 sq ft – heating, cooling

**Wills Eye Hospital**

Trigen-Philadelphia Energy Corporation  
Philadelphia, Pa.  
150,000 sq ft – heating, domestic hot water, humidification, sterilization



**North Carolina Women's Hospital/North Carolina Children's Hospital**



**Wills Eye Hospital**

or Institution