



Spotlighting
Industry
Growth

District Energy Space '03

More than 41 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 committed or recommitted to district energy service in North America during the previous calendar year.

District Energy Space is available digitally by download from IDEA's Web site, <www.districtenergy.org/de_space.htm>. You may download the entire publication, specific building category sections or even past issues.

As represented here, customers totaling more than 41,505,624 sq ft of space committed to district energy service in 2003. Since 1990, District Energy Space has reported 283,876,247 sq ft of buildings committing to district energy service.

Each year, IDEA asks all of its member systems – private, public, campus, municipal, etc. – to provide information on buildings that committed or recommitted to district energy service during the previous calendar year. For each building, District Energy Space highlights the

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

District Energy Space helps IDEA tabulate the types of growth experienced by its member systems – and can be a valuable marketing tool for your organization. Make plans now to photograph and enter all of those buildings that commit or recommit for your service in 2004! The deadline for submittal of buildings for 2004 is **Fri., March 18, 2005**. All systems submitting entries will receive a certificate of appreciation. Also, during the 2005 annual conference in St. Paul, IDEA will congratulate and present awards to those systems submitting the greatest amount of total square footage and the greatest number of total buildings for 2004.

2003 Square Footage Reported

Commercial-Office	6,072,504
Commercial-Retail/Manufacturing	674,293
Commercial-Other	2,577,000
Entertainment, Cultural or Sporting Center	5,875,417
Government	7,897,700
Hotel	2,697,680
Other	148,420
Residential	3,248,300
School, Hospital or Institution	12,344,310
TOTAL	41,505,624

NOTE: *Renewal* = renewed/recommitted to a long-term service agreement (>10 years) during calendar year 2003.



Commercial-Office

85 Richmond Street West

Enwave District Energy Limited
Toronto, Ont., Canada
155,643 sq ft – heating, domestic hot water

501 Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
86,000 sq ft – heating, cooling

Arizona Center I

Northwind Phoenix LLC
Phoenix, Ariz.
360,000 sq ft – cooling



501 Building



Candler Building - Constellation Power Source Trading Floor



Arizona Center I



Arizona Center II

Arizona Center II

Northwind Phoenix LLC
Phoenix, Ariz.
420,000 sq ft – cooling

Candler Building - Constellation Power Source Trading Floor

Comfort Link
Baltimore, Md.
53,000 sq ft of 600,000 sq ft – cooling

Central Office Building

District Energy St. Paul
St. Paul, Minn.
69,000 sq ft – heating, cooling

Commercial

Exhale Enterprises II Inc.

Con Edison Steam Business Unit
New York City, N.Y.
8,500 sq ft – heating, domestic hot water

Lockwood Office

Comfort Link
Baltimore, Md.
240,000 sq ft – cooling

Nashville City Center

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
420,000 sq ft – cooling

One East 57th Street LLC

Con Edison Steam Business Unit
New York City, N.Y.
90,000 sq ft – heating

One University Avenue

Enwave District Energy Limited
Toronto, Ont., Canada
262,907 sq ft – heating, cooling, domestic hot water

Oxford Tower - 130 Adelaide St. W.

Enwave District Energy Limited
Toronto, Ont., Canada
630,575 sq ft – heating, domestic hot water

Parkway Towers

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
215,000 sq ft – heating, cooling

Renaissance Office

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
100,000 sq ft – heating, cooling

Richmond-Adelaide Centre - 100 Adelaide St. W.

Enwave District Energy Limited
Toronto, Ont., Canada
91,559 sq ft – heating, domestic hot water

Richmond-Adelaide Centre - 111 Richmond St. W.

Enwave District Energy Limited
Toronto, Ont., Canada
207,000 sq ft – heating, domestic hot water



Nashville City Center



One University Avenue



Parkway Towers

Commercial – Office continued

Richmond-Adelaide Centre - 120 Adelaide St. W.

Enwave District Energy Limited
Toronto, Ont., Canada
460,360 sq ft – heating, domestic hot water

Royal Bank Plaza

Enwave District Energy Limited
Toronto, Ont., Canada
1,400,000 sq ft – cooling

Stah Midtown Properties

Con Edison Steam Business Unit
New York City, N.Y.
11,760 sq ft – heating, domestic hot water, ventilation

Sun Trust Bank

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
301,200 sq ft – heating, cooling



**Richmond-Adelaide Centre
- 111 Richmond St. W.**



**Richmond-Adelaide Centre
- 120 Adelaide St. W.**



Royal Bank Plaza



Sun Trust Financial Center

Sun Trust Financial Center

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
490,000 sq ft – cooling

Commercial-Retail/Manufacturing

Amu Retail

Austin Energy
Austin, Texas
31,500 sq ft – cooling

Berkley Sutton Cleaners

Con Edison Steam Business Unit
New York City, N.Y.
157 sq ft – process

Commercial

Lock III Retail Space

Akron Thermal, Limited Partnership
Akron, Ohio
10,406 sq ft – heating, cooling

Lockwood Retail

Comfort Link
Baltimore, Md.
344,000 sq ft – cooling

Polaris Cleaners 99 Inc.

Con Edison Steam Business Unit
New York City, N.Y.
3,230 sq ft – process

Whole Foods

Austin Energy
Austin, Texas
285,000 – cooling, refrigeration

Commercial–Other

Boston Properties

Con Edison Steam Business Unit
New York City, N.Y.
1,200,000 sq ft – heating, domestic hot water,
ventilation, kitchen



Lock III Retail Space

Manhattan Theatre Club

Con Edison Steam Business Unit
New York City, N.Y.
26,000 sq ft – heating, domestic hot water

NYUHC Cancer Center

Con Edison Steam Business Unit
New York City, N.Y.
116,000 sq ft – heating, domestic hot water,
humidification

Seven Thirty One Limited Partnership

Con Edison Steam Business Unit
New York City, N.Y.
1,160,000 sq ft – heating, domestic hot water

Union Planters Bank

Nashville District Energy LLC, a wholly owned
subsidiary of Constellation Energy Source
Nashville, Tenn.
75,000 sq ft – heating, cooling

Entertainment, Cultural or Sporting Center

Civic Theatre

Akron Thermal, Limited Partnership
Akron, Ohio
28,307 sq ft – heating, cooling



Civic Theatre

Entertainment continued

Coliseum Stadium

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
250,000 sq ft – cooling

The France-Merrick Performing Arts Center

Comfort Link
Baltimore, Md.
170,000 sq ft – cooling

Gaylord Entertainment Center

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
529,000 sq ft – heating, cooling

The Herberger Theatre

Northwind Phoenix LLC
Phoenix, Ariz.
40,000 sq ft – cooling



Coliseum Stadium



The France-Merrick Performing Arts Center

J.S. Knight Convention Center

Akron Thermal, Limited Partnership
Akron, Ohio
78,000 sq ft – heating, cooling

Leo Rich Theatre

Northwind Phoenix LLC
Tuscon, Ariz.
36,600 sq ft – heating, cooling



Gaylord Entertainment Center



J.S. Knight Convention Center



Leo Rich Theatre

Municipal Auditorium

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
142,000 sq ft – heating, cooling

Nashville Convention Center

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
650,000 sq ft – heating, cooling

Omaha Performing Arts Center

Energy Systems Co.
Omaha, Neb.
250,000 sq ft – heating, cooling, domestic hot water

Phoenix Civic Plaza

Northwind Phoenix LLC
Phoenix, Ariz.
1,900,000 sq ft – cooling



Municipal Auditorium



Nashville Convention Center

Phoenix Symphony Hall

Northwind Phoenix LLC
Phoenix, Ariz.
70,000 sq ft – cooling

Qwest Arena Omaha

Energy Systems Co.
Omaha, Neb.
470,975 sq ft – heating, cooling, domestic hot water

Qwest Convention Center Omaha

Energy Systems Co.
Omaha, Neb.
481,235 sq ft of 647,325 sq ft – heating, cooling, domestic hot water



Omaha Performing Arts Center



Qwest Convention Center/Arena Omaha

Entertainment continued

Ryman Auditorium

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
36,000 sq ft – heating, cooling

Tuscon Convention Center

Northwind Phoenix LLC
Tuscon, Ariz.
621,000 sq ft – heating, cooling, process

Tuscon Music Hall Building

Northwind Phoenix LLC
Tuscon, Ariz.
69,300 sq ft – heating, cooling



Ryman Auditorium



Tuscon Convention Center



Tuscon Music Hall Building

Wildhorse Saloon

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
53,000 sq ft – heating, cooling

Government

Andrew Jackson Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
545,000 sq ft – heating, cooling



Wildhorse Saloon



Andrew Jackson Building

Ben West Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
250,000 sq ft – heating, cooling

Central Services

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
Service through Andrew Building – heating, cooling

Citizen’s Plaza

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
295,000 sq ft – heating, cooling



Ben West Building



Central Services

City of Baltimore - Central District Police Station

Comfort Link
Baltimore, Md.
46,000 sq ft – cooling

City of Baltimore - Abel Wolman

Comfort Link
Baltimore, Md.
217,000 sq ft –cooling

City of Baltimore - Benton Building

Comfort Link
Baltimore, Md.
323,000 sq ft – cooling



City of Baltimore - Central District Police Station



City of Baltimore - Abel Wolman



City of Baltimore - Benton Building

Government continued

City of Baltimore - City Hall

Comfort Link
Baltimore, Md.
174,300 sq ft – cooling

City of Baltimore - Clarence M. Mitchell Courthouse

Comfort Link
Baltimore, Md.
380,000 sq ft – cooling

City of Baltimore - Courthouse East

Comfort Link
Baltimore, Md.
350,700 sq ft – cooling



City of Baltimore - City Hall



City of Baltimore - Clarence M. Mitchell Courthouse



City of Baltimore - Courthouse East

City of Baltimore - Guilford Building

Comfort Link
Baltimore, Md.
106,000 sq ft – cooling

City of Baltimore - People's Court

Comfort Link
Baltimore, Md.
90,000 sq ft – cooling

Cordell Hall

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
Service through Andrew Building – heating, cooling



City of Baltimore - Guilford Building



City of Baltimore - People's Court

Criminal Justice Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
386,000 sq ft – heating, cooling

Dauphin County Health and Human Services Building

NRG Energy Center Harrisburg LLC
Harrisburg, Pa.
60,200 sq ft – heating, domestic hot water

Griffin Building

District Energy St. Paul
St. Paul, Minn.
120,000 sq ft – heating, cooling, domestic hot water

James K. Polk Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
758,000 sq ft – heating, cooling



Dauphin County Health and Human Services Building



Griffin Building

John Siever Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
Service through Andrew Building – heating, cooling

Legislative Plaza

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
Service through Andrew Building – heating, cooling

Library and Archives

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source –
Nashville, Tenn.
Service through Andrew Building – heating, cooling



John Siever Building



Legislative Plaza



Library and Archives

GOVERNMENT

Government continued

Maricopa County Madison Street Jail

Northwind Phoenix LLC
Phoenix, Ariz.
400,000 sq ft – cooling

Maricopa County West Courts Complex

Northwind Phoenix LLC
Phoenix, Ariz.
1,600,000 sq ft – cooling

Metro Courthouse

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
240,000 sq ft – heating, cooling



Maricopa County West Courts Complex



Metro Courthouse



Midtown Police and Administration Building

Midtown Police and Administration Building

Northwind Phoenix LLC
Tuscon, Ariz.
40,000 – heating, cooling

Pennsylvania Housing Finance Agency

NRG Energy Center Harrisburg LLC
Harrisburg, Pa.
137,000 sq ft – heating, domestic hot water

Rachel Jackson Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
Service through Andrew Building – heating, cooling



Pennsylvania Housing Finance Agency



Rachel Jackson Building

Government

The Senator Oliver R. Ocasek Government Office Building

Akron Thermal, Limited Partnership
Akron, Ohio
200,000 sq ft – heating

Stahlmann Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
157,000 sq ft – heating, cooling

State Capitol

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
Service through Andrew Building – heating, cooling



The Senator Oliver R. Ocasek Government Office Building



State Capitol

Supreme Court Building

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
Service through Andrew building – heating, cooling

Tennessee Tower

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
850,000 sq ft – heating, cooling

Tuscon Police & Fire Headquarters

Northwind Phoenix LLC
Tuscon, Ariz.
172,500 sq ft – heating, cooling

War Memorial

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
Service through Andrew Building – heating, cooling



Tennessee Tower



Tuscon Police & Fire Headquarters

Hotel

Hermitage Hotel

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
80,000 sq ft – heating, cooling

Omaha Hilton

Energy Systems Co.
Omaha, Neb.
376,480 sq ft – heating, cooling, domestic hot water, laundry, pool

Renaissance Hotel

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
650,000 sq ft – heating, cooling

Royal York Hotel

Enwave District Energy Limited
Toronto, Ont., Canada
1,115,200 sq ft – heating, cooling

Sheraton Hotel

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
476,000 sq ft – heating, cooling

Other

Block 19 City Parking Ramp

District Energy St. Paul
St. Paul, Minn.
3,200 sq ft – heating, cooling

District Energy



Hermitage Hotel



Renaissance Hotel



Sheraton Hotel



Omaha Hilton



Block 19 City Parking Ramp

Other continued

Omaha Park VIII & Tunnel

Energy Systems Co.
Omaha, Neb.
25,220 sq ft of 599,808 sq ft – heating, cooling

St. Mary’s Basilica and the Phoenix Diocese

Northwind Phoenix LLC
Phoenix, Ariz.
90,000 sq ft – cooling

Saint Mary’s Church

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
30,000 sq ft – heating, cooling



Omaha Park VIII & Tunnel



St. Mary’s Basilica and the Phoenix Diocese



Saint Mary’s Church

Residential

Arizona State University McAllister Residence Life Building

Northwind Phoenix LLC
Phoenix, Ariz.
150,000 sq ft – heating, cooling

Athena-Liberty Lofts

Con Edison Steam Business Unit
New York City, N.Y.
361,700 sq ft – heating, domestic hot water

Centerpoint

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

City Walk Condominiums

District Energy St. Paul
St. Paul, Minn.
190,000 sq ft – heating, cooling, domestic hot water



City Walk Condominiums

Residential continued

The Cosmopolitan on Mears Park

District Energy St. Paul
St. Paul, Minn.
260,000 sq ft – heating, cooling, domestic hot water

Downtown Plaza

Enwave District Energy Limited
Toronto, Ont., Canada
532,000 sq ft – heating, domestic hot water

Great Northern Lofts

District Energy St. Paul
St. Paul, Minn.
129,000 sq ft – heating, cooling, domestic hot water

One King West Condominium

Enwave District Energy Limited
Toronto, Ont., Canada
525,000 sq ft – heating, domestic hot water



The Cosmopolitan on Mears Park



Downtown Plaza



**One King West
Condominium**



Great Northern Lofts



Orpheum Lofts



Rossmor Building

Orpheum Lofts

Northwind Phoenix LLC
Phoenix, Ariz.
90,000 sq ft – cooling

Rossmor Building

District Energy St. Paul
St. Paul, Minn.
200,000 sq ft – heating, cooling, domestic hot water,
billing service

Trump Park Avenue

Con Edison Steam Business Unit
New York City, N.Y.
330,600 sq ft – heating, domestic hot water

Residential

Residential continued

University of Maryland in Baltimore Student Housing

Comfort Link
Baltimore, Md.
180,000 sq ft – cooling

School, Hospital or Institution

Arizona State University I and II Bio Science Buildings

Northwind Phoenix LLC
Phoenix, Ariz.
342,000 sq ft – heating, cooling

Boystown National Research Hospital

Energy Systems Co.
Omaha, Neb.
165,582 – heating, cooling, domestic hot water, sterilization



Arizona State University I and II Bio Science Buildings



Boystown National Research Hospital

Creighton University (27 buildings) – renewal

Energy Systems Co.
Omaha, Neb.
2,467,381 – heating, cooling, domestic hot water

Creighton University Medical Center - renewal

Energy Systems Co.
Omaha, Neb.
682,999 sq ft – heating, cooling, domestic hot water

Hospital for Sick Children – renewal

Enwave District Energy Limited
Toronto, Ont., Canada
2,510,000 sq ft – heating, domestic hot water, sterilizers



Creighton University



Creighton University Medical Center

School, Hospital or Institution continued

Hume Fogg High School

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
200,000 sq ft – heating, cooling

Liberty Elementary School

Energy Systems Co.
Omaha, Neb.
77,000 sq ft – heating, cooling (heat pump loop)



Hume Fogg High School



Liberty Elementary School



Living Learning Community

Living Learning Community (5 buildings)

University of Idaho
Moscow, Idaho
113,120 sq ft – heating, cooling, domestic hot water

Mount Sinai Hospital – renewal

Enwave District Energy Limited
Toronto, Ont., Canada
1,097,040 sq ft – heating, domestic hot water, sterilizers

New Nurses Residence – renewal

Enwave District Energy Limited
Toronto, Ont., Canada
165,000 sq ft – heating, domestic hot water, sterilizers

Omaha Central High School

Energy Systems Co.
Omaha, Neb.
311,077 sq ft – cooling



Mount Sinai Hospital



Omaha Central High School

Princess Margaret Hospital – renewal

Enwave District Energy Limited
Toronto, Ont., Canada
1,000,000 sq ft – heating, domestic hot water, sterilizers

Rehabilitation Science Building

Enwave District Energy Limited
Toronto, Ont., Canada
146,000 sq ft – heating

Tennessee State University

Nashville District Energy LLC, a wholly owned subsidiary of Constellation Energy Source
Nashville, Tenn.
200,000 sq ft – heating

Toronto General Hospital – renewal

Enwave District Energy Limited
Toronto, Ont., Canada
1,835,000 sq ft – heating, domestic hot water, sterilizers

Toronto Rehabilitation Centre - renewal

Enwave District Energy Limited
Toronto, Ont., Canada
235,000 sq ft – heating, domestic hot water, sterilizers

Translational Genomics Research Institute Headquarters

Northwind Phoenix LLC
Tucson, Ariz.
170,000 sq ft – cooling

The University of Akron Arts & Science Building

Akron Thermal, Limited Partnership
Akron, Ohio
127,111 sq ft – heating

Women’s College Hospital – renewal

Enwave District Energy Limited
Toronto, Ont., Canada
500,000 sq ft – heating, domestic hot water, sterilizers

2004 District Energy Space Submission

To have your new or renewed customer buildings included in IDEA's District Energy Space 2004, please fill out the form below, one for each building. Then send the completed forms and color photo images of each building to DE Space 2004, c/o Westerlund Communications Inc., 16303 Blenheim Way, Minnetonka, MN 55345 (952) 935-4904; fax (952) 935-4945; email <mlw@westerlund.com>, **no later than Fri., March 18, 2005**. Questions may also be directed to IDEA's headquarters at (508) 366-9339, <idea@district energy.org>.

IMPORTANT – Check one:

- New service agreement or service during 2004.
- Renewed long-term (>10 years) agreement during 2004.

Official Name of Building/Complex _____

If complex or campus, number of buildings served _____

Your Organization's Name _____

Your City _____

Category (select just one) If the building is a mixed-use facility, mark the category that describes the primary/dominant use.

- Commercial – Office
- Commercial – Retail/Manufacturing
- Commercial – Other
- Entertainment, Cultural or Sporting Center
- Government Building
- Hotel
- Other (please specify) _____
- Residential
- School, Hospital or Institution

Building Description

Total Square Footage of Building _____ Total Square Footage Served _____

Service to be provided for (**check all that apply**):

- space heating
- space cooling
- process use
- domestic hot water
- refrigeration
- other _____

You may submit color prints **OR** provide your images as electronic files. Electronic images should be individual jpg, tif or eps files with a **minimum** 72 DPI resolution, **minimum** physical size 2.5" x 3.5" (Smaller sizes **not** accepted and will **not** be used). Files may be submitted on a 3.5" floppy disk, a Zip disk or CD and mailed - **or** emailed to <mlw@westerlund.com>. If emailing images, please fax or mail the completed submittal form for each building. Please include the building's name in the file name. Embedded photo images in Word or PowerPoint files will **not** be accepted.

IMPORTANT –

Is a photo print or electronic file included for this building? **Yes:** Filename, if applicable: _____ **No**

Information Submitted by

Name _____

Contact Email _____

Contact Phone Number _____

Name/address if images should be returned

Carefully label all prints, CDs with your company name and building name(s). IDEA and its agents assume no liability for image reproduction quality or errors.