

# District Energy Space 2019



## Spotlighting Industry Growth

**2019: More than 180 million square feet reported**

*Over 2.5 billion square feet reported since 1990*

# District Energy Space 2019

## Industry Growth Around the World

Dedicated to the growth and utilization of district energy as a means to enhance energy efficiency, provide more sustainable, reliable and resilient energy infrastructure, and contribute to improving the global environment.



The publication of *District Energy Space* has become an annual tradition for the International District Energy Association (IDEA) since 1990. Compilations beyond North America were initiated in 2004.

This issue features a compilation of data provided by our members including the number of buildings and their area in square feet that have been committed or recommitted to district energy service in North America during calendar year 2019, or previously unreported for recent years.

Each year, IDEA asks its member systems to provide information on buildings that committed or recommitted to district energy service during the previous calendar year. To qualify for consideration in *District Energy Space*, a renewal must be a contracted building or space that had been scheduled to expire during the calendar year and was renewed under a contract with a duration of 10 years or more. Year-to-year rollover--simple continuation of service to existing buildings is not considered renewal.

Established in 1909, the International District Energy Association serves as a vital communications and information hub for the district energy industry, connecting industry professionals and advancing the technology around the world. With headquarters just outside of Boston, Mass., IDEA comprises over 2,400 district heating and cooling system executives, managers, engineers, consultants and equipment suppliers from 25 countries. IDEA supports the growth and utilization of district energy as a means to conserve fuel, increase energy efficiency and resilience, and reduce emissions.

For each building, *District Energy Space* provides the following information:

- Building name and/or type
- Service provider's name and location
- Building area served in square feet
- Services provided (space heating, domestic hot water, laundry, space cooling, ice-making, pool warming, etc.)

*District Energy Space* not only enables IDEA to document the year-to-year growth experienced by our member systems, but also can be a valuable marketing asset for your organization.

*District Energy Space 2019* and previous issues are available in PDF format by downloading from IDEA's Web site, <http://www.districtenergy.org/district-energy-space>



## North America

Our members reported that they committed or recommitted **334** customer buildings in North America totaling **72,900,289** square feet (sq ft) of building space to district energy service during 2019 or were previously unreported. That compares with **174** buildings and **64,021,207** sq ft during 2018.

The North America total of **72,900,289** sq ft added in 2019 to IDEA's running total of square footage of **865,692,809** sq ft committed to North American district energy systems since 1990, brings the current total for North America reported since 1990 to **938,593,098** sq ft.

## Beyond North America

IDEA is also pleased to be able to report strong system growth from beyond North America, which we have tracked since 2004. An additional **303** buildings and **108,493,596** sq ft were reported for 2019. That compares with **156** buildings and **49,962,277** sq ft during 2018.

The Beyond North America total of **108,493,596** sq ft added in 2019 to IDEA's running total of square footage of **1,480,533,846**

Beyond North America since 2004, brings the Beyond North America total reported since 2004 to **1,589,027,442** sq ft.

## Totals: North America and Beyond North America

The combined building area reported added during 2019 in North America and Beyond North America is **181,393,885** sq ft. The total building area added, as reported to District Energy space by our members since our tally began is **181,393,885 + 2,341,247,861 = 2,522,641,746** sq feet.

## Stand Up and Be Recognized for 2020

Make plans now to photograph and enter your customer buildings that commit or recommit for your district energy service during calendar year 2020! The deadline for submittal of buildings for 2020 is **Friday, April 2, 2021**.

IDEA will congratulate and present awards to those systems reporting the largest growth for calendar 2020 for both North America and Beyond North America as part of the IDEA2021 event to be held in Austin, TX, June 14-17, 2021. We look forward to seeing you there!

## 2019 New Square Footage Reported\*

Category	North America	Beyond North America
Commercial-Mixed Use	8,598,712	32,787,763
Commercial-Office	26,561,103	6,071,105
Commercial-Retail/Manufacturing	4,568,743	7,943,540
Commercial-Other	2,026,526	0
Entertainment, Cultural or Sporting Center	4,183,789	1,219,033
Government	4,953,546	4,615,560
Hotel	4,468,087	14,448,043
Residential	6,153,617	39,363,162
School, Hospital or Institution	10,943,046	206,667
Other	443,119	1,838,723
<b>Square Footage Reported 2019</b>	<b>72,900,289</b>	<b>108,493,596</b>

**2019 Total Reported in North America and Beyond North America 181,393,885**

\* All entries are newly signed, connected or renewed customers during calendar year 2019 (*Renewal* means contractually recommitted to a long-term service agreement of 10 years or greater.)

## Commercial—Mixed Use

- **1 North Charles Street**  
Baltimore, MD  
Vicinity Energy  
373,210 sq ft – space heating

- **150 State Street**  
Rochester, NY  
Rochester District Heating Cooperative  
74,650 sq ft – space heating



Rochester District Heating Cooperative –  
150 State Street

- **1530 Chestnut St Cross Properties Inc.**  
Philadelphia, PA  
Vicinity Energy  
149,600 sq ft – space heating

- **1737 Chestnut St**  
Philadelphia, PA  
Vicinity Energy  
47,952 sq ft – space heating

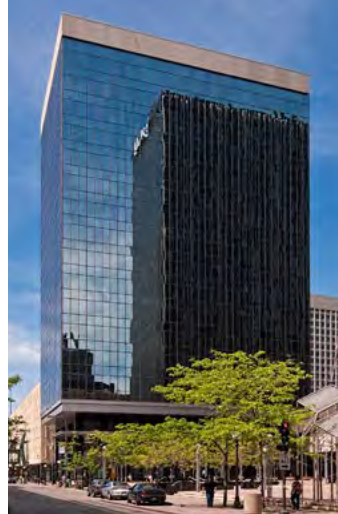
- **3 PW Office, LLC**  
Philadelphia, PA  
Vicinity Energy  
626,680 sq ft – space heating,  
domestic hot water

- **35 State Street**  
Rochester, NY  
Rochester District Heating Cooperative  
16,400 sq ft – space heating



Rochester District Heating Cooperative –  
35 State Street

- **386 Wabasha**  
Saint Paul, MN  
District Energy St. Paul  
151,000 sq ft – space heating,  
space cooling

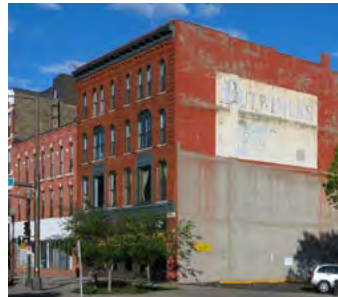


District Energy St. Paul – 386 Wabasha

- **Atlantic Town Center**  
Atlanta, GA  
Vicinity Energy  
4,000,000 sq ft – space heating

- **Axis UKA Associates, LP**  
Philadelphia, PA  
Vicinity Energy  
65,380 sq ft – space heating

- **Bonnie Jean Building**  
Saint Paul, MN  
District Energy St. Paul  
16,700 sq ft – space heating,  
space cooling



District Energy St. Paul – Bonnie Jean Building

- **BRI 1866 1515 Market, LP**  
Philadelphia, PA  
Vicinity Energy  
523,500 sq ft – space heating,  
domestic hot water

- **Degree of Honor**  
Saint Paul, MN  
District Energy St. Paul  
110,000 sq ft – space heating,  
space cooling, domestic hot  
water



District Energy St. Paul – Degree of Honor

- **Focal**  
Vancouver, BC  
University of British Columbia  
12,110 sq ft – space heating,  
domestic hot water

- **Greene Street Ventures, LLC**  
300-400 Greene Street  
Baltimore, MD  
Vicinity Energy  
791,110 sq ft – space heating,  
space cooling

- **Lumberworks Lofts**  
Lincoln, NE  
Lincoln Electric System  
75,000 sq ft – space heating,  
space cooling

- **Mindex**  
Rochester, NY  
Rochester District Heating Cooperative  
72,000 sq ft – space heating,  
domestic hot water

- **Oscar 2.0**  
Lincoln, NE  
Lincoln Electric System  
24,000 sq ft – space heating,  
space cooling, domestic hot  
water

- **Philadelphia Management**  
Philadelphia, PA  
Vicinity Energy  
232,394 sq ft – space heating

- **River Park Place 2**  
Richmond, BC  
Lulu Island  
70,026 – space heating,  
domestic hot water



Lulu Island – River Park Place

- **Tir Na Nog 1600 Arch LLP**  
Philadelphia, PA  
Vicinity Energy  
7,000 sq ft – space heating

- **Two Liberty**  
Philadelphia, PA  
Vicinity Energy  
1,200,000 sq ft – space heating,  
domestic hot water

- **Young Smyth Field Building**  
Philadelphia, PA  
Vicinity Energy  
14,000 sq ft – space heating

- **YWCA Minneapolis**  
Minneapolis, MN  
Clearway Energy  
50,000 sq ft – space heating

## Commercial—Office

- **101 Ash**  
San Diego, CA  
Clearway  
350,000 sq ft – space cooling,  
refrigeration

- **12 York Street**  
Ottawa, ON  
Energy Services Acquisition  
Program  
21,495 sq ft – space heating

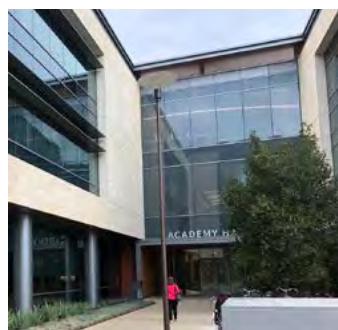
- **1211 Chestnut Realty Corp.**  
Philadelphia, PA  
Vicinity Energy  
121,644 sq ft – space heating

- **1422 Associates, LLC**  
Philadelphia, PA  
Vicinity Energy  
93,613 sq ft – space heating

## Commercial—Office cont.

- **1429 Walnut Associates, LP**  
Philadelphia, PA  
Vicinity Energy  
76,116 sq ft – space heating
- **1500 Bronson**  
Ottawa, ON  
Energy Services Acquisition Program  
124,646 sq ft – space heating, space cooling, domestic hot water
- **1600 Arch**  
Philadelphia, PA  
Vicinity Energy  
15,200 sq ft – space heating
- **1700 Chestnut Street LLC**  
Philadelphia, PA  
Vicinity Energy  
51,260 sq ft – space heating
- **175 W. Jackson**  
Chicago, IL  
Enwave  
1,462,814 sq ft – space heating
- **177 BFP, LLC**  
Philadelphia, PA  
Vicinity Energy  
246,512 sq ft – space heating
- **180 N. Michigan**  
Chicago, IL  
Enwave  
235,376 sq ft – space cooling
- **1816 CHESTNUT STREET CORPORATION**  
Philadelphia, PA  
Vicinity Energy  
23,646 sq ft – space heating
- **2000 Market**  
Philadelphia, PA  
Vicinity Energy  
648,243 sq ft – space heating, space cooling, domestic hot water
- **320 S. Canal**  
Chicago, IL  
Enwave  
1,300,000 sq ft – space heating
- **33 W. Monroe**  
Chicago, IL  
Enwave  
879,000 sq ft – space cooling
- **65 E. Wacker**  
Chicago, IL  
Enwave  
220,000 sq ft – space cooling

- **6X Guad Office Building**  
Austin, TX  
Austin Energy  
587,780 sq ft – space cooling
- **8 York St**  
Ottawa, ON  
Energy Services Acquisition Program  
16,328 sq ft – space heating
- **875 Heron**  
Ottawa, ON  
Energy Services Acquisition Program  
729,147 sq ft – space heating, space cooling, domestic hot water
- **Academy Hall**  
Stanford, CA  
Stanford University  
105,956 sq ft – space heating, space cooling, domestic hot water, process, kitchen, refrigeration



Stanford University – Academy Hall

- **Austin Energy Headquarters Building**  
Austin, TX  
Austin Energy  
274,282 sq ft – space cooling
- **Bank of Canada**  
Ottawa, ON  
Energy Services Acquisition Program  
840,004 sq ft – space heating, space cooling, process
- **Bate Building**  
Ottawa, ON  
Energy Services Acquisition Program  
18,739 sq ft – space heating
- **Baycrest PLB Realty LLC**  
Philadelphia, PA  
Vicinity Energy  
534,000 sq ft – space heating
- **Bernard J. Nearey**  
Philadelphia, PA  
Vicinity Energy  
4,500 sq ft – space heating

- **Birks Building**  
Ottawa, ON  
Energy Services Acquisition Program  
53,195 sq ft – space heating, space cooling
- **Blackburn Building**  
Ottawa, ON  
Energy Services Acquisition Program  
152,729 sq ft – space heating, space cooling
- **Booth Building**  
Ottawa, ON  
Energy Services Acquisition Program  
66,628 sq ft – space heating, space cooling, domestic hot water
- **Brooke Claxton Building**  
Ottawa, ON  
Energy Services Acquisition Program  
289,258 sq ft – space heating, space cooling, process
- **Butler Hut**  
Ottawa, ON  
Energy Services Acquisition Program  
3,326 sq ft – space heating
- **Cafeteria Ottawa**  
Ottawa, ON  
Energy Services Acquisition Program  
25,596 sq ft – space heating, space cooling, domestic hot water
- **Canada Four Corners Building**  
Ottawa, ON  
Energy Services Acquisition Program  
26,737 sq ft – space heating, space cooling
- **Cardinal Hall**  
Stanford, CA  
Stanford University  
168,585 sq ft – space heating, space cooling, domestic hot water, process, refrigeration



Stanford University – Cardinal Hall

- **CBRE - 185 Franklin Street**  
Boston, MA  
Vicinity Energy  
875,000 sq ft – space heating
- **Centre Block**  
Ottawa, ON  
Energy Services Acquisition Program  
543,000 sq ft – space heating, space cooling, domestic hot water
- **CIBC (Bank of Commerce)**  
Ottawa, ON  
Energy Services Acquisition Program  
26,274 sq ft – space heating, space cooling, domestic hot water
- **CityScape Blk 23**  
Phoenix, AZ  
Clearway Energy  
300,000 sq ft – space cooling, refrigeration
- **Confederation Building**  
Ottawa, ON  
Energy Services Acquisition Program  
300,679 sq ft – space heating, space cooling, domestic hot water
- **Connaught Building**  
Ottawa, ON  
Energy Services Acquisition Program  
220,294 sq ft – space heating, space cooling, domestic hot water
- **Discovery Hall**  
Stanford, CA  
Stanford University  
158,438 sq ft – space heating, space cooling, domestic hot water, process, kitchen, refrigeration



Stanford University – Discovery Hall



## Commercial—Office cont.

- **DND Data Ctr. Ottawa Building**  
Ottawa, ON  
Energy Services Acquisition Program  
204,331 sq ft – space heating, space cooling, domestic hot water
- **Dover-Brouse-Slater Building**  
Ottawa, ON  
Energy Services Acquisition Program  
37,307 sq ft – space heating, space cooling
- **East and West Memorial**  
Ottawa, ON  
Energy Services Acquisition Program  
761,664 sq ft – space heating, space cooling
- **East Block**  
Ottawa, ON  
Energy Services Acquisition Program  
165,581 sq ft – space heating, space cooling, domestic hot water
- **Eaton Centre Tower**  
Toronto, ON  
Enwave  
835,326 sq ft – space cooling, process



Enwave – Eaton Center Tower

- **Ellis Building**  
Phoenix, AZ  
Clearway Energy  
65,000 sq ft – space cooling, refrigeration
- **Environmental Health Centre**  
Ottawa, ON  
Energy Services Acquisition Program  
84,033 sq ft – space heating, space cooling, domestic hot water, process
- **Finance Annex**  
Ottawa, ON  
Energy Services Acquisition Program  
69,760 sq ft – space heating
- **Finance Building**  
Ottawa, ON  
Energy Services Acquisition Program  
69,760 sq ft – space heating, space cooling
- **Fisher Building**  
Ottawa, ON  
Energy Services Acquisition Program  
12,669 sq ft – space heating, space cooling
- **General Records Centre**  
Ottawa, ON  
Energy Services Acquisition Program  
196,129 sq ft – space heating, space cooling
- **Global Centre for Pluralism**  
Ottawa, ON  
Energy Services Acquisition Program  
55,520 sq ft – space heating, space cooling, process
- **GOC Conference Centre**  
Ottawa, ON  
Energy Services Acquisition Program  
134,882 sq ft – space heating, space cooling, process
- **Health Protection Building**  
Ottawa, ON  
Energy Services Acquisition Program  
133,816 sq ft – space heating, space cooling
- **Hope Chambers Building**  
Ottawa, ON  
Energy Services Acquisition Program  
28,524 sq ft – space heating, space cooling
- **House of Norcano Building**  
Ottawa, ON  
Energy Services Acquisition Program  
7,803 sq ft – space heating, space cooling
- **Hudl Hq**  
Lincoln, NE  
Lincoln Electric System  
130,000 sq ft – space heating, space cooling

- **Insurance**  
Ottawa, ON  
Energy Services Acquisition Program  
30,774 sq ft – space heating
- **James Michael Flaherty Building**  
Ottawa, ON  
Energy Services Acquisition Program  
699,654 sq ft – space heating, space cooling, domestic hot water
- **Jean Talon Building**  
Ottawa, ON  
Energy Services Acquisition Program  
538, 195 sq ft – space heating, space cooling, domestic hot water
- **Jeanne-Mance Building**  
Ottawa, ON  
Energy Services Acquisition Program  
414,109 sq ft – space heating, space cooling, domestic hot water, process
- **Jewish Federation of Greater Philadelphia**  
Philadelphia, PA  
Vicinity Energy  
117,600 sq ft – space heating, domestic hot water
- **Justice Building**  
Ottawa, ON  
Energy Services Acquisition Program  
176,797 sq ft – space heating, space cooling, domestic hot water
- **KPG-IMW LLC**  
Philadelphia, PA  
Vicinity Energy  
300,000 sq ft – space heating
- **La Salle Academy**  
Ottawa, ON  
Energy Services Acquisition Program  
151,148 sq ft – space heating, space cooling
- **Laboratory Centre for Disease Control**  
Ottawa, ON  
Energy Services Acquisition Program  
134,408 sq ft – space heating, space cooling, domestic hot water, process
- **Lester B. Pearson**  
Ottawa, ON  
Energy Services Acquisition Program  
725,315 sq ft – space heating, space cooling, domestic hot water
- **Library of Parliament (Bank of Nova Scotia)**  
Ottawa, ON  
Energy Services Acquisition Program  
50,343 sq ft – space heating, space cooling, domestic hot water
- **Major-General G.R. Pearkes Building**  
Ottawa, ON  
Energy Services Acquisition Program  
1,135,517 sq ft – space heating, space cooling, domestic hot water
- **Marshall**  
Ottawa, ON  
Energy Services Acquisition Program  
11,818 sq ft – space heating, space cooling, domestic hot water
- **Midtown West St. Ltd Partnership. 33-41 West Street**  
Boston, MA  
Vicinity Energy  
42,000 sq ft – space heating
- **Minnesota Public Radio**  
Saint Paul, MN  
District Energy St. Paul  
142,700 sq ft – space heating, space cooling
- **National Press Building**  
Ottawa, ON  
Energy Services Acquisition Program  
53,227 sq ft – space heating, space cooling, domestic hot water



District Energy St. Paul – Minnesota Public Radio

## Commercial—Office cont.

- **National Research Council**  
Ottawa, ON  
Energy Services Acquisition Program  
356,931 sq ft –space cooling
- **NCC Sussex**  
Ottawa, ON  
Energy Services Acquisition Program  
22,787 sq ft – space heating
- **Nelms Building**  
Ottawa, ON  
Energy Services Acquisition Program  
5,780 sq ft – space heating, space cooling
- **O'Brien**  
Ottawa, ON  
Energy Services Acquisition Program  
2,690 sq ft – space heating, space cooling
- **Occupational Health Unit**  
Ottawa, ON  
Energy Services Acquisition Program  
21,161 sq ft – space heating, space cooling, domestic hot water
- **Office of the Prime Minister and Privy Council**  
Ottawa, ON  
Energy Services Acquisition Program  
123,085 sq ft – space heating, space cooling,
- **One N. 1st St.**  
Phoenix, AZ  
Clearway Energy  
125,000 sq ft – space cooling, refrigeration
- **Oscar 2.0**  
Lincoln, NE  
Lincoln Electric System  
50,000 sq ft – space heating, space cooling, domestic hot water
- **Personnel Records**  
Ottawa, ON  
Energy Services Acquisition Program  
227,323 sq ft – space heating, space cooling, domestic hot water

- **Postal Station B Building**  
Ottawa, ON  
Energy Services Acquisition Program  
64,970 sq ft – space heating, space cooling, domestic hot water
- **R.H. Coats Building**  
Ottawa, ON  
Energy Services Acquisition Program  
523,771 sq ft – space heating, space cooling



ESAP – R.H. Coats

- **Radiation Protection Building**  
Ottawa, ON  
Energy Services Acquisition Program  
104,549 sq ft – space heating, space cooling, domestic hot water, process



ESAP – Radiation Protection Building

- **Rideau Committee Rooms**  
Ottawa, ON  
Energy Services Acquisition Program  
69,943 sq ft – space heating, space cooling, domestic hot water, process
- **Saint Andrews Tower**  
Ottawa, ON  
Energy Services Acquisition Program  
225,568 sq ft – space heating, space cooling, domestic hot water

- **Saint Paul Building**  
Saint Paul, MN  
District Energy St. Paul  
37,665 sq ft – space heating
- **Saxe Canada Life Building**  
Ottawa, ON  
Energy Services Acquisition Program  
17,114 sq ft – space heating
- **Senate of Canada Building**  
Ottawa, ON  
Energy Services Acquisition Program  
166,560 sq ft – space heating, space cooling
- **Sir A Campbell Annex B**  
Ottawa, ON  
Energy Services Acquisition Program  
109,878 sq ft – space heating, space cooling, domestic hot water
- **Sir A Campbell Annex C**  
Ottawa, ON  
Energy Services Acquisition Program  
114,000 sq ft – space heating, domestic hot water
- **Sir Charles Tupper Building**  
Ottawa, ON  
Energy Services Acquisition Program  
389,050 sq ft – space heating, space cooling, domestic hot water

- **Sir Frederick Banting Research Centre**  
Ottawa, ON  
Energy Services Acquisition Program  
366,274 sq ft – space heating, space cooling, domestic hot water, process

- **Sir John A. Macdonald Building**  
Ottawa, ON  
Energy Services Acquisition Program  
72,451 sq ft – space heating, space cooling, domestic hot water

- **Sir Leonard Tilley Building**  
Ottawa, ON  
Energy Services Acquisition Program  
272,499 sq ft – space heating, space cooling, domestic hot water

- **Standards Lab - Tunney's**  
Ottawa, ON  
Energy Services Acquisition Program  
66,628 sq ft – space heating, space cooling, domestic hot water

- **Statistics Canada, Main Building**  
Ottawa, ON  
Energy Services Acquisition Program  
487,228 sq ft – space heating, space cooling, domestic hot water, process

- **Three Logan**  
Philadelphia, PA  
Vicinity Energy  
1,200,000 sq ft – space heating, domestic hot water

- **Twin Cities Public Television**  
Saint Paul MN  
District Energy St. Paul  
82,000 sq ft – space heating, space cooling



District Energy St. Paul – Twin Cities Public Television

- **UBS Plaza**  
Saint Paul MN  
District Energy St. Paul  
227,717 sq ft – space heating, space cooling, domestic hot water



District Energy St. Paul – UBS Plaza

## Commercial—Office cont.

- **University Hall**  
Stanford, CA  
Stanford University  
160,295 sq ft – space heating,  
space cooling, domestic hot  
water, process, kitchen,  
refrigeration



Stanford University – University Hall

- **US Embassy**  
Ottawa, ON  
Energy Services Acquisition  
Program  
137,982 sq ft – space heating,  
space cooling
- **Valour Building**  
Ottawa, ON  
Energy Services Acquisition  
Program  
208,410 sq ft – space heating,  
space cooling, domestic hot  
water
- **Victoria Building**  
Ottawa, ON  
Energy Services Acquisition  
Program  
95,949 sq ft – space heating,  
space cooling
- **Wellington Building**  
Ottawa, ON  
Energy Services Acquisition  
Program  
470,425 sq ft – space heating,  
space cooling
- **West Block**  
Ottawa, ON  
Energy Services Acquisition  
Program  
276,632 sq ft – space heating,  
space cooling, domestic hot  
water

## Commercial—Retail/ Manufacturing

- **40 E. Grand**  
Chicago, IL  
Enwave  
292,738 sq ft – space cooling
- **CVS, Inc. Store #2866**  
Philadelphia, PA  
Vicinity Energy  
68,663 sq ft – space heating
- **Easy Pickins**  
Philadelphia, PA  
Vicinity Energy  
52,486 sq ft – space heating
- **Eaton Centre Galleria**  
Toronto, ON  
Enwave  
1,571,130 sq ft – space cooling



Enwave – Eaton Center Galleria

- **H&M / Hennes & Mauritz, LP Site #49**  
Philadelphia, PA  
Vicinity Energy  
16,665 sq ft – space heating
- **Houlihan's Restaurants, Inc. - Philadelphia #096**  
Philadelphia, PA  
Vicinity Energy  
7,000 sq ft – space heating,  
domestic hot water
- **PA Mitchell Gold + Bob Williams**  
Philadelphia, PA  
Vicinity Energy  
7,592 sq ft – space heating
- **Philadelphia Sports Club**  
Philadelphia, PA  
Vicinity Energy  
1,450,008 sq ft – space heating,  
domestic hot water

- **Rite Aid Corporation - Store #174**  
Philadelphia, PA  
Vicinity Energy  
10,000 sq ft – space heating
- **Staples, Inc. #756**  
Philadelphia, PA  
Vicinity Energy  
16,0476 sq ft – space heating
- **Town Square**  
Saint Paul, MN  
District Energy St. Paul  
468,545 sq ft – space heating,  
space cooling, process



District Energy St. Paul – Town Square

- **Urban Outfitters, Inc.**  
Philadelphia, PA  
Vicinity Energy  
20,327 sq ft – space heating
- **Verizon Site #20570**  
Philadelphia, PA  
Vicinity Energy  
440,122 sq ft – space heating
- **Verizon Site #20618**  
Philadelphia, PA  
Vicinity Energy  
147,420 sq ft – space heating

## Commercial—Other

- **1501 Chestnut**  
Philadelphia, PA  
Vicinity Energy  
149,600 sq ft – space heating

- **50 E. Ohio**  
Chicago, IL  
Enwave  
14,000 sq ft – space cooling
- **Broad One LP**  
Philadelphia, PA  
Vicinity Energy  
479,840 sq ft – space heating,  
domestic hot water
- **Equivest Management c/o Wm. Penn Realty Group**  
Philadelphia, PA  
Vicinity Energy  
49,000 sq ft – space heating,  
domestic hot water
- **Giordano's**  
Philadelphia, PA  
Vicinity Energy  
40,257 sq ft – process, kitchen
- **McCormick and Schmick's #1037**  
Philadelphia, PA  
Vicinity Energy  
479,840 sq ft – space heating,  
domestic hot water
- **Monell Chemical Senses Center**  
Philadelphia, PA  
Vicinity Energy  
105,225 sq ft – space heating,  
domestic hot water
- **New Adam's Fabricare Inc**  
Philadelphia, PA  
Vicinity Energy  
1,848 sq ft – space heating,  
domestic hot water
- **Philadelphia Historical Society**  
Philadelphia, PA  
Vicinity Energy  
71,316 sq ft – humidification
- **PR Walnut Associates, LP**  
Philadelphia, PA  
Vicinity Energy  
17,280 sq ft – space heating
- **Wells Fargo**  
Philadelphia, PA  
Vicinity Energy  
582,120 sq ft – space heating
- **WTXF-TV Fox Philadelphia**  
Philadelphia, PA  
Vicinity Energy  
36,200 sq ft – space heating



## Entertainment, Cultural or Sporting Center

- **American Philosophical Society**  
Philadelphia, PA  
Vicinity Energy  
32,000 sq ft – space heating, domestic hot water, humidification
- **Barrymore Theatre Corporation**  
Philadelphia, PA  
Vicinity Energy  
14,910 sq ft – space heating
- **Boston Symphony Orchestra Inc., 251 Huntington Ave**  
Boston, MA  
Vicinity Energy  
500,000 sq ft – space heating
- **Grand Lodge of Masons, 51 Boylston Street**  
Boston, MA  
Vicinity Energy  
115,000 sq ft – space heating
- **National Arts Centre**  
Ottawa, ON  
Energy Services Acquisition Program  
1,413,366 sq ft – space heating, space cooling, domestic hot water, process
- **National Gallery of Canada**  
Ottawa, ON  
Energy Services Acquisition Program  
776,939 sq ft – space heating, space cooling, domestic hot water, process
- **Oklahoma City Convention Center**  
Oklahoma, OK  
Vicinity Energy  
500,000 sq ft – space cooling



ESAP – National Arts Centre

- **RA Centre**  
Ottawa, ON  
Energy Services Acquisition Program  
421,740 sq ft – space heating
- **Shaw Centre**  
Ottawa, ON  
Energy Services Acquisition Program  
217,990 sq ft – space heating, space cooling, domestic hot water
- **South Stadium Addition**  
Columbia, MO  
University of Missouri  
135,279 sq ft – space cooling, domestic hot water, process



University of Missouri – South Stadium

- **Stanford Recreation & Wellness Center**  
Stanford, CA  
Stanford University  
30,645 sq ft – space heating, space cooling, process, kitchen, refrigeration



Stanford University – SRWC Rec Center

- **Walnut Street Theatre**  
Philadelphia, PA  
Vicinity Energy  
25,920 sq ft – space heating, domestic hot water

## Government

- **CBUS**  
Ottawa, ON  
Energy Services Acquisition Program  
48,868 sq ft – space heating, space cooling, domestic hot water, process
- **Center for Missouri Studies**  
Columbia, MO  
University of Missouri  
76,350 sq ft – space heating, space cooling, domestic hot water, process
- **National Library & Public Archives**  
Ottawa, ON  
Energy Services Acquisition Program  
513,341 sq ft – space heating, space cooling, domestic hot water
- **National Printing Bureau**  
Ottawa, ON  
Energy Services Acquisition Program  
944,285 sq ft – space heating, space cooling, domestic hot water
- **SD County HOJ**  
San Diego, CA  
Clearway Energy  
225,000 sq ft – space cooling, refrigeration
- **SD County Jail**  
San Diego, CA  
Clearway Energy  
375,000 sq ft – space cooling, refrigeration
- **Supreme Court**  
Ottawa, ON  
Energy Services Acquisition Program  
331,808 sq ft – space heating, space cooling, domestic hot water
- **United States Postal Service**  
Philadelphia, PA  
Vicinity Energy  
179,378 – space heating
- **Visitor's Welcome Centre**  
Ottawa, ON  
Energy Services Acquisition Program  
sq ft – space heating, space cooling, domestic hot water, process
- **Warren Burger Federal Building**  
Saint Paul, MN  
District Energy St. Paul  
450,000 sq ft – space cooling
- **G.S.A. - JFK Building Boston**  
Boston, MA  
Vicinity Energy  
853,000 sq ft – space heating, space cooling, domestic hot water
- **G.S.A. - JW McCormack P.O. & C.H., 5 Post Office Square**  
Boston, MA  
Vicinity Energy  
468,000 sq ft – space heating
- **G.S.A. - Finan. Division, 408 Atlantic Avenue**  
Boston, MA  
Vicinity Energy  
144,000 sq ft – space heating
- **LES Operations Center Phase 1**  
Lincoln, NE  
Lincoln Electric System  
250,806 sq ft – space heating, space cooling, domestic hot water
- **Library of Parliament**  
Ottawa, ON  
Energy Services Acquisition Program  
32,345 sq ft – space heating, space cooling, domestic hot water



University of Missouri – Center for Missouri Studies



District Energy St. Paul – Warren Burger Federal Building

## Hotel

- **36 N. State**  
Chicago, IL  
Enwave  
93,000 sq ft – space cooling
- **Boston Marriott Hotel, 110 Huntington Ave**  
Boston, MA  
Vicinity Energy  
845,000 sq ft – space heating, domestic hot water, kitchen
- **Commonwealth of Pennsylvania**  
Philadelphia, PA  
Vicinity Energy  
21,346 sq ft – space heating
- **Drury Hotel**  
Saint Paul, MN  
District Energy St. Paul  
85,000 sq ft – space heating, space cooling, domestic hot water



District Energy St. Paul – Drury Hotel

- **Four Seasons Hotel 200 Boylston St**  
Boston, MA  
Vicinity Energy  
584,000 sq ft – space heating, domestic hot water, kitchen
- **HEI Philadelphia CC Limited Partnership**  
Philadelphia, PA  
Vicinity Energy  
246,512 sq ft – space heating, domestic hot water
- **Marriott Residence**  
Philadelphia, PA  
Vicinity Energy  
228,225 sq ft – space heating, domestic hot water
- **Rand Tower**  
Minneapolis, MN  
Clearway Energy  
143,000 sq ft – space heating, space cooling

- **Sheraton Boston Hotel & Towers, 39 Dalton St**  
Boston, MA  
Vicinity Energy  
962,000 sq ft – space heating, domestic hot water, kitchen
- **Warwick Rittenhouse Hotel**  
Philadelphia, PA  
Vicinity Energy  
473,004 sq ft – space heating, domestic hot water
- **Westin Hotel, 10 Huntington Ave**  
Boston, MA  
Vicinity Energy  
787,000 sq ft – space heating

## Residential

- **1200 on the Mall**  
Minneapolis, MN  
Clearway Energy  
130,000 sq ft – space heating
- **1225 LaSalle**  
Minneapolis, MN  
Clearway Energy  
110,000 sq ft – space heating, space cooling
- **12th & Market Street Condominium**  
Philadelphia, PA  
Vicinity Energy  
233,000 sq ft – space heating, domestic hot water
- **1500 Locust**  
Philadelphia, PA  
Vicinity Energy  
677,144 sq ft – space heating

- **9th Street Lofts**  
Saint Paul, MN  
District Energy St. Paul  
60,000 sq ft – space heating, space cooling, domestic hot water



District Energy St. Paul – 9th Street Lofts

- **Adohi Hall**  
Fayetteville, AR  
University of Arkansas  
199,256 sq ft – space heating, space cooling
- **Bond House**  
Charlottesville, VA  
University of Virginia  
209,617 sq ft – space heating, space cooling, domestic hot water



UVA – Bond House

- **Carr's Hill**  
Charlottesville, VA  
University of Virginia  
15,664 sq ft – space cooling



UVA – Carr's Hill

- **Christ Church Harbor Apartments, 600 Light St**  
Baltimore, MD  
Vicinity Energy  
241,568 sq ft – space heating

- **Echols/ Humphreys House**  
Charlottesville, VA  
University of Virginia  
78,964 sq ft – space cooling



UVA – McCormick Rd. Dorms

- **Exchange Residences**  
Vancouver, BC  
University of British Columbia  
298,256 sq ft – space heating, domestic hot water



UBC – Exchange

- **Flashcube Apartments**  
Kansas City, MO  
Vicinity Energy  
207,421 sq ft – space heating, space cooling, domestic hot water



## Residential cont.

- **Focal**  
Vancouver, BC  
University of British Columbia  
60,500 sq ft – space heating,  
domestic hot water



UBC – Focal

- **Hancock House**  
Charlottesville, VA  
University of Virginia  
37,803 sq ft – space cooling
- **Loring Way**  
Minneapolis, MN  
Clearway Energy  
140,000 sq ft – space heating
- **Lumberworks Lofts**  
Lincoln, NE  
Lincoln Electric System  
50,000 sq ft – space heating,  
space cooling
- **Mindex**  
Rochester, NY  
Rochester District Heating  
Cooperative  
54,000 sq ft – space heating,  
domestic hot water



Rochester District Heating Cooperative –  
Mindex

- **Page/ Emmet House**  
Charlottesville, VA  
University of Virginia  
78,964 sq ft – space cooling

- **Pomfret Hall**  
Fayetteville, AR  
University of Arkansas  
51,042 sq ft – space heating,  
space cooling, domestic hot  
water, kitchen
- **Residence at the Ritz**  
Philadelphia, PA  
Vicinity Energy  
617,665 sq ft – space heating,  
domestic hot water
- **Rittenhouse Management  
Corporation**  
Philadelphia, PA  
Vicinity Energy  
35,208 sq ft – space heating,  
domestic hot water

- **Rittenhouse Place  
Condominium Assn**  
Philadelphia, PA  
Vicinity Energy  
40,000 sq ft – space heating,  
domestic hot water
- **River Park Place 2**  
Richmond, BC  
Lulu Island  
303,149 sq ft – space heating,  
domestic hot water
- **The Residents at the Phoenix  
Condo**  
Philadelphia, PA  
Vicinity Energy  
350,000 sq ft – space heating,  
domestic hot water
- **Trafalgar Square**  
Richmond, BC  
Lulu Island  
262,290 sq ft – space heating,  
space cooling, domestic hot  
water



Lulu Island – Trafalgar Square

- **Tremont on the Common  
Trust, 151 Tremont Street**  
Boston, MA  
Vicinity Energy  
517,000 sq ft – space heating,  
domestic hot water

- **Wellington Apartments**  
Philadelphia, PA  
Vicinity Energy  
134,357 sq ft – space heating,  
domestic hot water
- **Westbury Associates**  
Philadelphia, PA  
Vicinity Energy  
305,000 sq ft – space heating,  
domestic hot water
- **William Penn House**  
Philadelphia, PA  
Vicinity Energy  
655,699 sq ft – space heating

## School, Hospital, Institution

- **751 N. State**  
Chicago, IL  
Enwave  
100,000 sq ft – space cooling
- **American Red Cross**  
Philadelphia, PA  
Vicinity Energy  
353,675 sq ft – space heating,  
domestic hot water
- **Archdiocese of Baltimore**  
Baltimore, MD  
Vicinity Energy  
614,960 sq ft – space heating
- **Boston Rescue Mission, 39-41  
Kingston St**  
Boston, MA  
Vicinity Energy  
13,000 sq ft – space heating
- **Children's Hospital of  
Philadelphia**  
Philadelphia, PA  
Vicinity Energy  
1,000,000 sq ft – space heating
- **Church of the Holy Trinity**  
Philadelphia, PA  
Vicinity Energy  
7,100 sq ft – space heating
- **College of Physicians**  
Philadelphia, PA  
Vicinity Energy  
68,967 sq ft – space heating
- **Duquesne University Campus**  
Pittsburgh, PA  
Clearway Energy  
3,524,393 sq ft – space heating,  
space cooling

- **Exchange Street 1963**  
Saint Paul, MN  
District Energy St. Paul  
125,000 sq ft – space heating,  
space cooling, domestic hot  
water



District Energy St. Paul – Exchange Street 1963

- **Harris County Hospital  
District - Ben Taub Hospital**  
Houston, TX  
TECO  
1,023,000 sq ft – space heating,  
space cooling, domestic hot  
water



TECO – Ben Taub Hospital

- **Harrison Street**  
Philadelphia, PA  
Vicinity Energy  
1,500,000 sq ft – space heating,  
domestic hot water, humidifi-  
cation
- **Hebb Building**  
Vancouver, BC  
University of British Columbia  
67,242 sq ft – space heating,  
domestic hot water



UBC – Hebb

## School, Hospital, Institution cont.

- **Horizon House Inc.**  
Philadelphia, PA  
Vicinity Energy  
55,000 sq ft – space heating,  
domestic hot water
- **Mass. Historical Society,  
1154 Boylston St**  
Boston, MA  
Vicinity Energy  
48,000 sq ft – space heating,  
domestic hot water, humidifi-  
cation
- **Pavilion VI**  
Charlottesville, VA  
University of Virginia  
5,403 sq ft – space cooling



UVA – Pavilion VI

- **Philadelphia Ethical Society**  
Philadelphia, PA  
Vicinity Energy  
15,177 sq ft – space heating,  
humidification

- **Plant Growth Center**  
Columbia, MO  
University of Missouri  
55,965 sq ft – space heating,  
space cooling, domestic hot  
water, process



University of Missouri – Plant Growth

- **Russell Byers Charter School**  
Philadelphia, PA  
Vicinity Energy  
38,623 sq ft – space heating
- **Slaughter Recreation Center**  
Charlottesville, VA  
University of Virginia  
49,975 sq ft – space heating,  
space cooling



UVA - Slaughter Rec

- **STEM Building Phase 2 of 2  
(Innovation Hall)**  
Burlington, VT  
University of Vermont  
77,902 sq ft – space heating,  
space cooling, domestic hot  
water

- **Temple University, School of  
Podiatric Medicine**  
Philadelphia, PA  
Vicinity Energy  
89,429 sq ft – space heating
- **The Acorn Club**  
Philadelphia, PA  
Vicinity Energy  
17,120 sq ft – space heating
- **The University of Maryland  
Medical Center**  
Baltimore, MD  
Vicinity Energy  
1,238,198 sq ft – space heating
- **Undergraduate Life Sciences  
Teaching Labs**  
Vancouver, BC  
University of British Columbia  
176,625 sq ft – space heating,  
domestic hot water



UBC – Undergraduate Life Sciences

- **University City Science Center**  
Philadelphia, PA  
Vicinity Energy  
95,520 sq ft – space heating,  
domestic hot water

- **University Hospital Expansion**  
Charlottesville, VA  
University of Virginia  
422,212 sq ft – space heating,  
space cooling



UVA – Hospital Expansion

- **University of Maryland -  
Baltimore**  
Baltimore, MD  
Vicinity Energy  
158,000 sq ft – space heating,  
domestic hot water

## Other

- **Evangelical Lutheran Church**  
Philadelphia, PA  
Vicinity Energy  
24,150 sq ft – space heating
- **Nebraska State Penitentiary**  
Lincoln, NE  
Lincoln Electric System  
443,119 sq ft – space heating,  
space cooling, domestic hot  
water, humidification, process,  
kitchen
- **R7 Lofts – Snow Melt Services**  
Saint Paul, MN  
District Energy St. Paul  
2,560 sq ft – process



## Commercial—Mixed Use

- **Abraj Quartier -03 & 04**  
Doha, Qatar  
Qatar Cool  
1,851,929 sq ft – space cooling



Qatar Cool – AQ 04 TOWER

- **Additional Building at Al Jaddaf**  
Dubai, UAE  
Empower  
521,780 sq ft – space cooling
- **Additional Building at Tecom - A**  
Dubai, UAE  
Empower  
863,495 sq ft – space cooling



Empower – Al Fahim Building

- **Al Arabia Press Tower**  
Abu Dhabi, UAE  
Tabreed  
129,167 sq ft – space cooling

- **Burj Khalifa**  
Dubai, UAE  
Tabreed  
2,256,113 sq ft – space cooling



Tabreed – Burj Khalifa - 4

- **Dubai Land Residence Complex- Phase 1**  
Dubai, UAE  
Empower  
10,140,731 sq ft – space cooling
- **Harbour Row East Tower**  
Manama, Bahrain  
Tabreed  
32,722 sq ft – space cooling
- **Harbour Row West Towers**  
Manama, Bahrain  
Tabreed  
676,834 sq ft – space cooling
- **LMF**  
Dubai, UAE  
Tabreed  
327,223 sq ft – space cooling
- **M/s RP Holding LTD (110)**  
Dubai, UAE  
Tabreed  
223,889 sq ft – space cooling
- **OTCI East (Tajer)**  
Dubai, UAE  
Tabreed  
328,496 sq ft – space cooling
- **OTCI North (Bahaar)**  
Dubai, UAE  
Tabreed  
303,800 sq ft – space cooling
- **OTCI West (Attareen)**  
Dubai, UAE  
Tabreed  
162,097 sq ft – space cooling

- **Pearl Qatar**  
Doha, Qatar  
Tabreed  
2,171,208 sq ft – space cooling

- **Raffles City Chongqing**  
Chongqing, China  
Singapore District Cooling  
12,056,000 sq ft – space heating, space cooling, domestic hot water



Singapore District Cooling – Raffles City Chongqing

- **TDM - Metro Bridge**  
Dubai, UAE  
Tabreed  
173,256 sq ft – space cooling
- **The Opera House**  
Dubai, UAE  
Tabreed  
265,222 sq ft – space cooling



Tabreed – Dubai Opera

- **Tram – Depot**  
Dubai, UAE  
Tabreed  
16,533 sq ft – space cooling
- **Villamar Towers**  
Manama, Bahrain  
Tabreed  
287,267 sq ft – space cooling

## Commercial—Office

- **River Indus General Trading LLC**  
Dubai, UAE  
Emicool  
11,114 sq ft – space cooling
- **Rigel FZO**  
Dubai, UAE  
Emicool  
22,596 sq ft – space cooling
- **Arenco Real Estate Est.**  
Dubai, UAE  
Emicool  
85,573 sq ft – space cooling

## Commercial—Other

- **Additional Building at Dubai Science Park**  
Dubai, UAE  
Empower  
119,027 sq ft – space cooling
- **Bus Park PH-1**  
Dubai, UAE  
Tabreed  
344,853 sq ft – space cooling
- **Bus Park PH-2**  
Dubai, UAE  
Tabreed  
360,208 sq ft – space cooling
- **Central Boulevard Towers**  
Singapore  
Singapore District Cooling  
1,517,724 sq ft – space cooling



Singapore District Cooling – Central Boulevard Towers

## Commercial—Other cont.

- **Cipriani**  
Dubai, UAE  
Tabreed  
46,500 sq ft – space cooling
- **Etihad Eco Residences**  
Abu Dhabi, UAE  
Tabreed  
538,195 sq ft – space cooling
- **Home of UAE Space Agency and former UAE Pavilion in Milan Expo**  
Abu Dhabi  
Tabreed  
86,111 sq ft – space cooling



Tabreed – UAE Space Agency

- **HSBC - Plot 8A**  
Dubai, UAE  
Tabreed  
281,756 sq ft – space cooling
- **International Renewable Energy Association (IRENA) Global HQ – UN agency**  
Abu Dhabi, UAE  
Tabreed  
376,737 sq ft – space cooling



Tabreed – IRENA

- **La Plage South – 62**  
Doha, Qatar  
Qatar Cool  
65,520 sq ft – space cooling
- **M/s Masreq Bank SC (134)**  
Dubai, UAE  
Tabreed  
240,939 sq ft – space cooling
- **Muhammad Bin Zayed University of Artificial Intelligence**  
Abu Dhabi, UAE  
Tabreed  
1,087,154 sq ft – space cooling

- **Plot - 8 || Standard Chartered Bank**  
Dubai, UAE  
Tabreed  
199,089 sq ft – space cooling
- **Siemens Regional HQ**  
Abu Dhabi, UAE  
Tabreed  
269,098 sq ft – space cooling



Tabreed – Siemens HQ

## Commercial—Retail/Manufacturing

- **Avenues Mall**  
Manama, Bahrain  
Tabreed  
38,761 sq ft – space cooling
- **Dubai Land Residence Complex- Phase 1**  
Dubai, UAE  
Empower  
1,342,029 sq ft – space cooling
- **Dubai Mall Expansion – Zaabeel**  
Dubai, UAE  
Tabreed  
419,792 sq ft – space cooling
- **Dubai Mall Zone-1**  
Dubai, UAE  
Tabreed  
1,154,428 sq ft – space cooling
- **Dubai Mall Zone-2**  
Dubai, UAE  
Tabreed  
1,154,428 sq ft – space cooling
- **Dubai Mall Zone-3**  
Dubai, UAE  
Tabreed  
1,539,238 sq ft – space cooling
- **Fashion Avenue – Dubai Mall**  
Dubai, UAE  
Tabreed  
1,119,446 sq ft – space cooling
- **Mall of Muscat (Palm Mall)**  
Muscat, Oman  
Tabreed  
1,175,418 sq ft – space cooling

## Entertainment, Cultural or Sporting Center

- **Additional Building at Blue Water**  
Dubai, UAE  
Empower  
136,180 sq ft – space cooling



Empower – Dubai Eye

- **Marina Bay Floating Platform**  
Singapore  
Singapore District Cooling  
538,200 sq ft – space cooling



Singapore District Cooling – Marina Bay Floating Platform

- **Qasr Al Hosn**  
Abu Dhabi, UAE  
Tabreed  
544,653 sq ft – space cooling



Tabreed – Qasr

## Government

- **Government building # 1**  
Riyadh, KSA  
Tabreed  
861,112 sq ft – space cooling
- **Government building # 2**  
Riyadh, KSA  
Tabreed  
310,000 sq ft – space cooling
- **King Khaled International Airport Building 1**  
Dubai, UAE  
Tabreed  
2,583,336 sq ft – space cooling
- **King Khaled International Airport Terminal**  
Dubai, UAE  
Tabreed  
861,112 sq ft – space cooling

## Hotel

- **Additional Building at Al Jaddaf**  
Dubai, UAE  
Empower  
278,220 sq ft – space cooling



Empower – Empower Head Quarter Building

- **Additional Building at Pam Jumeirah Trunk**  
Dubai, UAE  
Empower  
1,120,038 sq ft – space cooling



Empower – Seven Hotel & Apartment



## Hotel cont.

- **Additional Building at Sheikh Zayed Road**  
Dubai, UAE  
Empower  
556,193 sq ft – space cooling



Empower – Yotel Hotel

- **Address Boulevard (TABH)**  
Dubai, UAE  
Tabreed  
1,237,849 sq ft – space cooling
- **Address Hotel**  
Dubai, UAE  
Tabreed  
524,011 sq ft – space cooling



Tabreed – The Address

- **Address S/Aptt**  
Dubai, UAE  
Tabreed  
472,209 sq ft – space cooling

- **Al Manzil Hotel**  
Dubai, UAE  
Tabreed  
136,349 sq ft – space cooling

- **Al Manzil Retail**  
Dubai, UAE  
Tabreed  
114,934 sq ft – space cooling

- **Bellview Plot 78**  
Dubai, UAE  
Tabreed  
272,327 sq ft – space cooling

- **Dubai Land Residence Complex- Phase 1**  
Dubai, UAE  
Empower  
831,077 sq ft – space cooling

- **Dubai Mall Hotel**  
Dubai, UAE  
Tabreed  
368,834 sq ft – space cooling



Tabreed – Dubai Mall

- **Dubai Mall Hotel Aptt**  
Dubai, UAE  
Tabreed  
373,875 sq ft – space cooling

- **EL HOUSEIN**  
Dubai, UAE  
Tabreed  
198,056 sq ft – space cooling

- **Fountain Views**  
Dubai, UAE  
Tabreed  
2,089,241 sq ft – space cooling

- **Marina Bay Sands 2**  
Singapore  
Singapore District Cooling  
2,604,888 sq ft – space cooling, domestic hot water



Singapore District Cooling – Marina Bay Sands 2

- **Marsa Arabia**  
Doha, Qatar  
Qatar Cool  
878,162 sq ft – space cooling

- **Palace Hotel**  
Dubai, UAE  
Tabreed  
449,844 sq ft – space cooling

- **Plaza Rayhaan Tower**  
Doha, Qatar  
Qatar Cool  
417,127 sq ft—space cooling

- **Qamardeen Hotel**  
Dubai, UAE  
Tabreed  
167,852 sq ft – space cooling



Tabreed – Qamardeen Hotel

- **Skyviews**  
Dubai, UAE  
Tabreed  
1,303,702 sq ft – space cooling

- **Vida Residence**  
Dubai, UAE  
Tabreed  
470,382 sq ft – space cooling

## Residential

- **Additional Building at Al Jaddaf**  
Dubai, UAE  
Empower  
545,663 sq ft – space cooling

- **Additional Building at Dubai Science Park**  
Dubai, UAE  
Empower  
454,184 sq ft – space cooling

- **Additional Building at Tecom- C**  
Dubai, UAE  
Empower  
410,810 sq ft – space cooling

- **Bahri Villa North-04**  
Doha, Qatar  
Qatar Cool  
8,719 sq ft – space cooling

- **Bahri Villa North-05**  
Doha, Qatar  
Qatar Cool  
9,300 sq ft – space cooling

- **Bahri Villa North-25**  
Doha, Qatar  
Qatar Cool  
8,138 sq ft – space cooling

- **Bahri Villa North-33**  
Doha, Qatar  
Qatar Cool  
8,138 sq ft – space cooling



Qatar Cool— BVN-33&34

- **Bahri Villa North-34**  
Doha, Qatar  
Qatar Cool  
7,556 sq ft – space cooling

## Residential cont.

- **Bahri Villa South-41**  
Doha, Qatar  
Qatar Cool  
9,074 sq ft – space cooling



Qatar Cool – BVS-41

- **Boulevard Crescent**  
Dubai, UAE  
Tabreed  
374,019 sq ft – space cooling

- **Boulevard Plaza**  
Dubai, UAE  
Tabreed  
627,998 sq ft – space cooling

- **Boulevard Point**  
Dubai, UAE  
Tabreed  
441,320 sq ft – space cooling

- **Boulevard Walk**  
Dubai, UAE  
Tabreed  
237,209 sq ft – space cooling

- **Burj Al Nujoom**  
Dubai, UAE  
Tabreed  
396,085 sq ft – space cooling

- **Burj Views**  
Dubai, UAE  
Tabreed  
514,138 sq ft – space cooling

- **Burj Vista**  
Dubai, UAE  
Tabreed  
777,826 sq ft – space cooling

- **Claren**  
Dubai, UAE  
Tabreed  
302,966 sq ft – space cooling

- **Credo Tower**  
Dubai, UAE  
Tabreed  
90,471 sq ft – space cooling

- **DAMAC Distinction**  
Dubai, UAE  
Tabreed  
242,726 sq ft – space cooling

- **DAMAC Upper Crest**  
Dubai, UAE  
Tabreed  
308,924 sq ft – space cooling

- **Dubai Land Residence Complex- Phase 1**  
Dubai, UAE  
Empower  
23,456,958 sq ft – space cooling

- **Fanar Fayrouz-12**  
Doha, Qatar  
Qatar Cool  
10,753 sq ft – space cooling

- **Fanar Fayrouz-13 to 16**  
Doha, Qatar  
Qatar Cool  
39,525 sq ft – space cooling

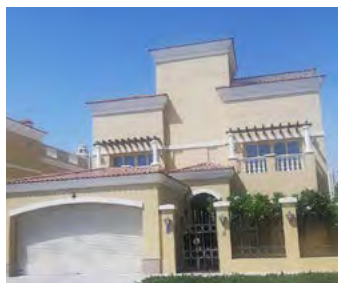


Qatar Cool – FF-12 to 16

- **Giardino Village Villa-18**  
Doha, Qatar  
Qatar Cool  
4,505 sq ft – space cooling

- **Giardino Village Villa-47**  
Doha, Qatar  
Qatar Cool  
4,505 sq ft – space cooling

- **Giardino Village Villa-49**  
Doha, Qatar  
Qatar Cool  
4,505 sq ft – space cooling



Qatar Cool – GVV-49

- **Giardino Village Villa-50**  
Doha, Qatar  
Qatar Cool  
4,766 sq ft – space cooling

- **Giardino Village Villa-71**  
Doha, Qatar  
Qatar Cool  
4,156 sq ft – space cooling

- **Giardino Village Villa-72**  
Doha, Qatar  
Qatar Cool  
4,418 sq ft – space cooling

- **Giardino Village Villa-73**  
Doha, Qatar  
Qatar Cool  
4,418 sq ft – space cooling

- **Giardino Village Villa-74**  
Doha, Qatar  
Qatar Cool  
4,418 sq ft – space cooling

- **Giardino Village Villa-75**  
Doha, Qatar  
Qatar Cool  
4,418 sq ft – space cooling

- **La Plage East-33**  
Doha, Qatar  
Qatar Cool  
7,266 sq ft – space cooling

- **La Plage East-60**  
Doha, Qatar  
Qatar Cool  
9,88a sq ft – space cooling

- **La Plage South -04**  
Doha, Qatar  
Qatar Cool  
239,292 sq ft – space cooling

- **La Plage Villa Central-30**  
Doha, Qatar  
Qatar Cool  
4,555 sq ft – space cooling



Qatar Cool – LPC-30

- **La Plage Villa East-07**  
Doha, Qatar  
Qatar Cool  
8,719 sq ft – space cooling



Qatar Cool – LPE-07

- **La Plage Villa West-20 to 22**  
Doha, Qatar  
Qatar Cool  
85,560 sq ft – space cooling

- **Luxury Tower**  
Dubai, UAE  
Tabreed  
176,307 sq ft – space cooling

- **Mada Tower – 108**  
Dubai, UAE  
Tabreed  
280,900 sq ft – space cooling

- **Mangrove Residence**  
Abu Dhabi, UAE  
Tabreed  
71,714 sq ft – space cooling

- **OTA1**  
Dubai, UAE  
Tabreed  
357,955 sq ft – space cooling

- **OTA2**  
Dubai, UAE  
Tabreed  
528,726 sq ft – space cooling

- **OTB**  
Dubai, UAE  
Tabreed  
482.650 sq ft – space cooling



## Residential cont.

- **Parcel-07B**  
Doha, Qatar  
Qatar Cool  
381,935 sq ft – space cooling



Qatar Cool – Parcel 7B

- **Parcel-12A**  
Doha, Qatar  
Qatar Cool  
399,147 sq ft – space cooling



Qatar Cool – Parcel 12 A

- **Park View Residence # 1**  
Abu Dhabi, UAE  
Tabreed  
98,414 sq ft – space cooling
- **Park View Residence # 2**  
Abit Djabo, UAE  
Tabreed  
84,292 sq ft – space cooling
- **Plot -29 & 30 || Stand point**  
Dubai, UAE  
Tabreed  
328,563 sq ft – space cooling

- **Plot -58 & 59 || Boulevard Central**  
Dubai, UAE  
Tabreed  
285,975 sq ft – space cooling

- **Plot-55/57 (29 Blvd)**  
Dubai, UAE  
Tabreed  
490,748 sq ft – space cooling

- **Raha Beach Residential tower # 1**  
Abu Dhabi, UAE  
Tabreed  
119,156 sq ft – space cooling

- **Raha Beach Residential tower # 10**  
Abu Dhabi, UAE  
Tabreed  
77,231 sq ft – space cooling

- **Raha Beach Residential tower # 11**  
Abu Dhabi, UAE  
Tabreed  
77,231 sq ft – space cooling

- **Raha Beach Residential tower # 12**  
Abu Dhabi, UAE  
Tabreed  
77,231 sq ft – space cooling

- **Raha Beach Residential tower # 13**  
Abu Dhabi, UAE  
Tabreed  
71,714 sq ft – space cooling

- **Raha Beach Residential tower # 14**  
Abu Dhabi, UAE  
Tabreed  
66,198 sq ft – space cooling

- **Raha Beach Residential tower # 15**  
Abu Dhabi, UAE  
Tabreed  
55,165 sq ft – space cooling

- **Raha Beach Residential tower # 16**  
Abu Dhabi, UAE  
Tabreed  
44,132 sq ft – space cooling

- **Raha Beach Residential tower # 2**  
Abu Dhabi, UAE  
Tabreed  
118,936 sq ft – space cooling

- **Raha Beach Residential tower # 3**  
Abu Dhabi, UAE  
Tabreed  
112,537 sq ft – space cooling

- **Raha Beach Residential tower # 4**  
Abu Dhabi, UAE  
Tabreed  
110,330 sq ft – space cooling

- **Raha Beach Residential tower # 5**  
Abu Dhabi, UAE  
Tabreed  
105,917 sq ft – space cooling

- **Raha Beach Residential tower # 6**  
Abu Dhabi, UAE  
Tabreed  
83,851 sq ft – space cooling

- **Raha Beach Residential tower # 7**  
Abu Dhabi, UAE  
Tabreed  
80,541 sq ft – space cooling

- **Raha Beach Residential tower # 8**  
Abu Dhabi, UAE  
Tabreed  
77,452 sq ft – space cooling

- **Raha Beach Residential tower # 9**  
Abu Dhabi, UAE  
Tabreed  
77,452 sq ft – space cooling

- **Res 1 East**  
Dubai, UAE  
Tabreed  
275,826 sq ft – space cooling

- **Res 1 West**  
Dubai, UAE  
Tabreed  
235,157 sq ft – space cooling

- **Res 1 West # 2**  
Dubai, UAE  
Tabreed  
117,456 sq ft – space cooling

- **Res 2**  
Dubai, UAE  
Tabreed  
458,531 sq ft – space cooling

- **Res 3 East**  
Dubai, UAE  
Tabreed  
338,460 sq ft – space cooling

- **Res 3 West**  
Dubai, UAE  
Tabreed  
351,413 sq ft – space cooling

- **The Lofts**  
Dubai, UAE  
Tabreed  
496,264 sq ft – space cooling

- **Utmost Property Bhawan Tower – 46**  
Dubai, UAE  
Tabreed  
151,152 sq ft – space cooling

- **Viva Bahriya-08**  
Doha, Qatar  
Qatar Cool  
362,636 sq ft – space cooling



Qatar Cool – VB-08

- **Viva Bahriya-12**  
Doha, Qatar  
Qatar Cool  
242,694 sq ft – space cooling



Qatar Cool – VB-12

### Residential cont.

- **Viva Bahriya-13**  
Doha, Qatar  
Qatar Cool  
242,694 sq ft – space cooling



Qatar Cool – VB-13

- **Viva Bahriya-14**  
Doha, Qatar  
Qatar Cool  
227,506 sq ft – space cooling



Qatar Cool – VB-14

- **Viva Bahriya-15**  
Doha, Qatar  
Qatar Cool  
228,582 sq ft – space cooling



Qatar Cool – VB-15

- **Viva Bahriya-24**  
Doha, Qatar  
Qatar Cool  
251,660 sq ft – space cooling

- **Viva Bahriya-26**  
Doha, Qatar  
Qatar Cool  
334,854 sq ft – space cooling



Qatar Cool – VB-26

### School, Hospital, Institution

- **Specialized Rehabilitation Hospital**  
Abu Dhabi, UAE  
Tabreed  
206,667 sq ft – space cooling

### Other (Labor Accommodations)

- **Additional Building at Dubai Science Park**  
Dubai, UAE  
Empower  
149,314 sq ft – space cooling
- **Shenton Way MRT Station**  
Singapore  
Singapore District Cooling  
233,041 sq ft – space cooling
- **Downtown MRT Station**  
Singapore  
Singapore District Cooling  
269,100 sq ft – space cooling
- **Bayfront MRT Station**  
Singapore  
Singapore District Cooling  
322,920 sq ft – space cooling



Singapore District Cooling – Bayfront MRT

- **Raffles Place MRT Station**  
Singapore  
Singapore District Cooling  
430,560 sq ft – space cooling



Singapore District Cooling – Raffles Place MRT

- **Marina Bay MRT Station**  
Singapore  
Singapore District Cooling  
433,789 sq ft – space cooling



Singapore District Cooling – Marina Bay MRT



## Plan to submit your calendar 2020 growth data.

### Make plans now to photograph and enter your customer buildings that commit or recommit for your district energy service during 2020!

*The deadline for submittal of system growth data for calendar 2020 is Friday, April 2, 2021.*

Continuing our tradition, during the IDEA 112th Annual Conference in Austin, Texas June 14-17, 2021, IDEA will congratulate and present awards to those systems reporting the largest growth for calendar 2020 for both North America and Beyond North America. We look forward to seeing you there!

To enter data for customers newly committed, recommitted or connected customers during calendar 2020, please download and complete the appropriate **North America** or **Beyond North America** Microsoft® Excel® submission form:

- [Submission Form – North America](#)
- [Submission Form – Beyond North America](#)

Please use the form as provided and fill in all appropriate cells to facilitate our compilation of the data.

Submit the final document to to **Kristen Hawkins** at [kristen.idea@districtenergy.org](mailto:kristen.idea@districtenergy.org). We encourage you to send as many building photographs as possible, and label them clearly with your company name and identifying title such as: “My Organization Name-Smith Office Building”.

For more information and to access past issues of *District Energy Space*, visit: <https://www.districtenergy.org/resources/publications/district-energy-space>



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