Spotlighting Industry Growth

2019: More than 180 million square feet reported

Over 2.5 billion square feet reported since 1990
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 ft.

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*

<table>
<thead>
<tr>
<th>Category</th>
<th>North America</th>
<th>Beyond North America</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial-Mixed Use</td>
<td>8,598,712</td>
<td>32,787,763</td>
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<tr>
<td>Commercial-Office</td>
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<td>Commercial-Retail/Manufacturing</td>
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<td>Other</td>
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<td>1,838,723</td>
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<tr>
<td><strong>Square Footage Reported 2019</strong></td>
<td><strong>72,900,289</strong></td>
<td><strong>108,493,596</strong></td>
</tr>
</tbody>
</table>

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

- **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

- **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

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

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

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

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

- **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

- **3 PW Office, LLC**
  Philadelphia, PA
  Vicinity Energy
  7,000 sq ft – space heating, domestic hot water

- **420 Market Street**
  Philadelphia, PA
  Vicinity Energy
  420 Market Street
  80,000 sq ft – space heating

- **BRI 1866 1515 Market, LP**
  Philadelphia, PA
  Vicinity Energy
  523,500 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

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

- **YWCA Minneapolis**
  Minneapolis, MN
  Clearway Energy
  50,000 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

- **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

- **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, kitchen, refrigeration

- **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

- **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

- **Enwave**
  Chicago, IL
  1,462,814 sq ft – space heating

- **Fisk Hall**
  Stanford, CA
  Stanford University
  148,850 sq ft – space heating, space cooling, domestic hot water

- **FishBowl**
  Chicago, IL
  Enwave
  220,000 sq ft – space cooling
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-Brousse-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

- **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
  55,520 sq ft – space heating, space cooling, process

- **Global Centre for Pluralism**
  Ottawa, ON
  Energy Services Acquisition Program
  196,129 sq ft – space heating, space cooling

- **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
  1,135,517 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
  11,818 sq ft – space heating, space cooling, domestic hot water

- **Marshall**
  Ottawa, ON
  Energy Services Acquisition Program
  42,000 sq ft – space heating

- **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
  1,135,517 sq ft – space heating, space cooling, domestic hot water

- **North America, cont.**

- **District Energy St. Paul – Minnesota Public Radio**

- **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
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, domestic hot water

- 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

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

- 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
  114,000 sq ft – space heating, domestic hot water

- Sir A Campbell Annex C
  Ottawa, ON
  Energy Services Acquisition Program
  109,878 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

- 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

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

- UBS Plaza
  Saint Paul MN
  District Energy St. Paul
  227,717 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
### Commercial—Office cont.

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

- **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

- **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

- **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

- **Equiwest 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
## North America

### 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

### Government

- **CBUS**  
  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

- **G.S.A. - JFK Building Boston**  
  Boston, MA  
  Vicinity Energy  
  331,808 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

- **SD County HOJ**  
  San Diego, CA  
  Clearway Energy  
  375,000 sq ft – space cooling, refrigeration

- **SD County Jail**  
  San Diego, CA  
  Clearway Energy  
  225,000 sq ft – space cooling, refrigeration

- **Supreme Court**  
  Ottawa, ON  
  Energy Services Acquisition Program  
  179,378 – space heating

- **United States Postal Service**  
  Philadelphia, PA  
  Vicinity Energy  
  179,378 – space heating

- **Visitor’s Welcome Centre**  
  Ottawa, ON  
  Energy Services Acquisition Program  
  343,808 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
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

- **Four Seasons Hotel 200 Boylston St**
  Boston, MA
  Vicinity Energy
  584,000 sq ft – space heating, space cooling, domestic hot water

- **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

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

- **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

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

- **District Energy St. Paul – Drury Hotel**

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

- **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

- **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

- **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

- **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

- **Harrington Street**
  Philadelphia, PA
  Vicinity Energy
  1,500,000 sq ft – space heating, domestic hot water, humidification

- **Hebb Building**
  Vancouver, BC
  University of British Columbia
  67,242 sq ft – space heating, domestic hot water

- **Harrison Street**
  Philadelphia, PA
  Vicinity Energy
  751 N. State
  Chicago, IL
  Enwave
  100,000 sq ft – space cooling

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

- **Harrington Street**
  Philadelphia, PA
  Vicinity Energy
  1,500,000 sq ft – space heating, domestic hot water, humidification

- **Hebb Building**
  Vancouver, BC
  University of British Columbia
  67,242 sq ft – space heating, domestic hot water

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

- **Harrington Street**
  Philadelphia, PA
  Vicinity Energy
  1,500,000 sq ft – space heating, domestic hot water, humidification

- **Hebb Building**
  Vancouver, BC
  University of British Columbia
  67,242 sq ft – space heating, domestic hot water

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

- **Harrington Street**
  Philadelphia, PA
  Vicinity Energy
  1,500,000 sq ft – space heating, domestic hot water, humidification

- **Hebb Building**
  Vancouver, BC
  University of British Columbia
  67,242 sq ft – space heating, domestic hot water
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, humidification

- **Pavilion VI**
  Charlottesville, VA
  University of Virginia
  5,403 sq ft – space cooling

- **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

- **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

- **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

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

- **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
**Beyond North America**

### Commercial—Mixed Use

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

- **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

- **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

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

- **Qatar Cool**
  - Doha, Qatar
  - 1,851,929 sq ft – space cooling

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

- **Tabreed – Burj Khalifa - 4**
  - Dubai, UAE
  - Empower
  - 2,256,113 sq ft – space cooling

- **Empower – Al Fahim Building**
  - Dubai, UAE
  - 863,495 sq ft – space cooling

- **Empower – AQ 04 TOWER**
  - Doha, Qatar
  - Qatar Cool
  - 1,851,929 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

- **Singapore District Cooling – Raffles City Chongqing**

### 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

- **Dubai Land Residence Complex- Phase 1**
  - Dubai, UAE
  - Empower
  - 10,140,731 sq ft – space cooling

- **Harbour Row East Tower**
  - Manama, Bahrain
  - Tabreed
  - 173,256 sq ft – space cooling

- **Harbour Row West Towers**
  - Manama, Bahrain
  - Tabreed
  - 265,222 sq ft – space cooling

- **OTCI East (Tajer)**
  - Dubai, UAE
  - Tabreed
  - 328,496 sq ft – space cooling

- **OTCI North (Bahaar)**
  - Dubai, UAE
  - Tabreed
  - 16,533 sq ft – space cooling

- **OTCI West (Attareen)**
  - Dubai, UAE
  - Tabreed
  - 287,267 sq ft – space cooling

- **Singapore District Cooling – Central Boulevard Towers**

### 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
Beyond North America, cont.

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

- **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

- **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

- **Additional Building at Blue Water**
  Dubai, UAE
  Empower
  136,180 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

- **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

- **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 – Zaaheel**
  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

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

  - **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

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

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

  - **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

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

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

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    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

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

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

  - **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

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

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

  - **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

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

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

  - **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

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

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

  - **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

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

  - **Qasr Al Hosn**
    Abu Dhabi, UAE
    Tabreed
    544,653 sq ft – space cooling
Beyond North America, cont.

Hotel cont.

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

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

- Address Hotel
  Dubai, UAE
  Tabreed
  524,011 sq ft – space cooling

- 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

- 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

- 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

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

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

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

- Vida Residence
  Dubai, UAE
  Tabreed
  470,382 sq ft – space cooling
Beyond North America, cont.

Residential cont.

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

- **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

- **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

- **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

- **Giardino Village Villa-76**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-77**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-78**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-79**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-80**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-81**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-82**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-83**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-84**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-85**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-86**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-87**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-88**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-89**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-90**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-91**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-92**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-93**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-94**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-95**
  Doha, Qatar
  Qatar Cool
  4,418 sq ft – space cooling

- **Giardino Village Villa-96**
  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
  9,884 sq ft – space cooling

- **La Plage East-66**
  Doha, Qatar
  Qatar Cool
  9,884 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

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

- **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

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

- **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 -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 # 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

- **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
  77,231 sq ft – space cooling

- **Raha Beach Residential tower # 14**
  Abu Dhabi, UAE
  Tabreed
  77,231 sq ft – space cooling

- **Raha Beach Residential tower # 15**
  Abu Dhabi, UAE
  Tabreed
  77,231 sq ft – space cooling

- **Raha Beach Residential tower # 16**
  Abu Dhabi, UAE
  Tabreed
  77,231 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

- **Viva Bahriya-12**
  Doha, Qatar
  Qatar Cool
  242,694 sq ft – space cooling
Beyond North America, cont.

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

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

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

### 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  
  206,667 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

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

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

### Residential cont.
- **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

- **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 – Raffles Place MRT**

- **Singapore District Cooling – Marina Bay MRT**

- **Singapore District Cooling – Shenton Way MRT**

- **Singapore District Cooling – Downtown MRT**

- **Singapore District Cooling – Bayfront MRT**
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 [Kristen Hawkins](mailto:kristen.idea@districtenergy.org) at 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](https://www.districtenergy.org/resources/publications/district-energy-space)