District Energy Space 2021

Spotlighting Industry Growth

2021: More than 122 million square feet reported

Over 2.7 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 and Beyond North America during calendar year 2021, or previously unreported for recent years.

Like so many in the energy sector, our industry faced many challenges in the years marked by the COVID-19 pandemic. While undoubtedly many projects experienced delays, many forged ahead and highlighted how vital district energy is to a clean energy future. District Energy consistently meets the increased demand for lower carbon solutions and a renewed focus on infrastructure. It creates good-paying jobs while building strong, interconnected communities.

**How do we compile this data?** Each year, IDEA asks its member systems to voluntarily provide information on buildings that connected, 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.

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 (heating, cooling, domestic hot water, laundry, and other process uses (ie. 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 2021* and previous issues are available in PDF format by downloading from IDEA’s Web site, [http://www.districtenergy.org/district-energy-space](http://www.districtenergy.org/district-energy-space).

**About IDEA** – Established in 1909, the International District Energy Association (IDEA) 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 2,500 district heating and cooling system executives, managers, engineers, consultants and equipment suppliers from 23 countries. IDEA supports the growth and utilization of district energy as a means to conserve fuel, increase energy efficiency and resilience, and reduce emissions.
North America

Our members reported that they committed or recommitted 254 customer buildings in North America totaling 55,268,323 square feet (sq ft) of building space to district energy service during 2021 or, were buildings previously unreported. That compares with 358 buildings and 32,593,909 sq ft during 2020.

The North America total of 55,268,323 sq ft added in 2021 to IDEA’s running total of square footage of 971,208,213 sq ft committed to North American district energy systems since 1990, brings the current total for North America reported since 1990 to 1,026,476,563 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 316 buildings and 66,781,667 sq ft were reported in 2021. That compares with 599 buildings and 94,244,974 sq ft reported for 2020.

The Beyond North America total of 66,781,667 sq ft added in 2021 to IDEA’s running total of square footage of 1,683,272,416 Beyond North America since 2004, brings the Beyond North America total reported since 2004 to 1,750,054,083 sq ft.

Totals: North America and Beyond North America

The combined building area reported added during 2021 in North America and Beyond North America is 122,049,990 sq ft. The total building area added, as reported to District Energy Space by our members since our tally began is 122,049,990 + 2,649,480,628 = 2,771,830,618 sq feet.

Stand Up and Be Recognized for 2022

Make plans now to photograph and enter your customer buildings that commit or recommit for your district energy service during calendar year 2022! The deadline for submittal of buildings for 2022 is Fri., March 31, 2023.

IDEA will congratulate and present awards to those systems reporting the largest growth for calendar 2021 for both North America and Beyond North America as part of IDEA’s IDEA2022 event to be held in Toronto, Canada, June 6-9, 2022. We look forward to seeing you there!

<table>
<thead>
<tr>
<th>2021 New Square Footage Reported*</th>
<th>North America</th>
<th>Beyond North America</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial-Mixed Use</td>
<td>3,122,395</td>
<td>873,349</td>
</tr>
<tr>
<td>Commercial-Office</td>
<td>8,695,109</td>
<td>232,720</td>
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<tr>
<td>Commercial-Retail/Manufacturing</td>
<td>1,400,124</td>
<td>1,115,015</td>
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<tr>
<td>Commercial-Other</td>
<td>5,695,982</td>
<td>9,116,750</td>
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<tr>
<td>Entertainment, Cultural or Sporting Center</td>
<td>3,952,251</td>
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<td>Government</td>
<td>2,275,791</td>
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<td>Hotel</td>
<td>2,805,998</td>
<td>1,945,581</td>
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<tr>
<td>Residential</td>
<td>9,709,950</td>
<td>23,710,928</td>
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<tr>
<td>School, Hospital or Institution</td>
<td>17,668,460</td>
<td>441,696</td>
</tr>
<tr>
<td>Other</td>
<td>32,263</td>
<td>29,312,133</td>
</tr>
<tr>
<td><strong>Square Footage Reported 2021</strong></td>
<td><strong>55,772,079</strong></td>
<td><strong>66,781,667</strong></td>
</tr>
<tr>
<td><strong>2021 Total Reported in North America and Beyond North America</strong></td>
<td><strong>122,049,990</strong></td>
<td></td>
</tr>
</tbody>
</table>
North America

Commercial—Mixed Use

- **100 S. Commons**  
  Faros Properties  
  Pittsburgh, PA USA  
  Clearway Community Energy: Pittsburgh  
  1,511,000 sq ft - Space heating, Space cooling

- **111 E 5th**  
  Main Alley  
  Vancouver, BC Canada  
  Creative Energy: BC  
  315,000 sq ft - Space cooling

- **1188 Mission St**  
  Trinity Plaza  
  San Francisco, CA USA  
  Clearway Community Energy: San Francisco  
  309,000 sq ft - Space heating, Domestic hot water

- **1190 Mission St.**  
  Trinity Plaza  
  San Francisco, CA USA  
  Clearway Community Energy: San Francisco  
  213,555 sq ft - Space heating, Domestic hot water

- **140 Clarendon St**  
  YWCA Clarendon Residences 2022 Renewal  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  193,965 sq ft - Space heating

- **1480 Howe, 1471 Continental, 1461 Granville, 1462 Granville**  
  Vancouver House  
  Vancouver, BC Canada  
  Creative Energy: BC  
  695,000 sq ft - Space heating, Space cooling, Domestic hot water

- **581 Bloor**  
  Mirvish Village  
  Toronto, ON Canada  
  Creative Energy: Ontario  
  900,000 sq ft - Space heating, Space cooling, Domestic hot water

- **111 E 5th**  
  Vancouver House  
  Vancouver, BC Canada  
  Creative Energy: BC  
  1,511,000 sq ft - Space heating, Space cooling

- **300 N Central Ave**  
  Central Station  
  Phoenix, AZ USA  
  Clearway Community Energy: Phoenix  
  1,100,000 sq ft - Space cooling

- **311 W 1st Street**  
  The Grand Lion  
  North Vancouver, BC Canada  
  Lonsdale Energy Corp.  
  50,438 sq ft - Space heating, Domestic hot water

- **425 Hennepin Ave**  
  Lumber Exchange  
  Minneapolis, MN USA  
  Clearway Community Energy: Minneapolis  
  227,211 sq ft - Space heating, Space cooling, Kitchen, Refrigeration

- **453 Quarry Rd, Stanford Center For Academic Medicine**  
  Stanford, CA USA  
  Stanford University  
  168,790 sq ft - Space heating, Space cooling, Domestic hot water, Humidification, Kitchen, Refrigeration

- **470 Atlantic Ave.**  
  Independence Wharf  
  470 Atlantic Ave.

- **6687 Nelson**  
  Sewell’s Landing  
  West Vancouver, BC Canada  
  Creative Energy: BC  
  695,000 sq ft - Space heating, Space cooling, Domestic hot water

- **73 N Central Ave**  
  Edith Hotel  
  Phoenix, AZ USA  
  Clearway Community Energy: Phoenix  
  205,000 sq ft - Space cooling

- **73 N Central Ave**  
  Edith Hotel  
  Phoenix, AZ USA  
  Clearway Community Energy: Phoenix  
  205,000 sq ft - Space cooling

Commercial—Office

- **10 E Baltimore St**  
  Atapco 911 Facility  
  Baltimore, MD USA  
  Vicinity Energy: Baltimore  
  168,397 sq ft - Space cooling

- **1000 Lancaster St**  
  IHE Parcel C-Commercial ESA  
  Baltimore, MD USA  
  Vicinity Energy: Baltimore  
  56,900 sq ft - Space heating, Space cooling

- **11305 Alterra Parkway Domain 5**  
  Austin, TX USA  
  Austin Energy  
  74,987 sq ft - Space cooling

- **1201 Oak**  
  1301 Oak - Novel Coworking  
  Kansas City, MO USA  
  Vicinity Energy: Kansas City  
  45,700 sq ft - Space heating, Space cooling

- **1420 Walnut St.**  
  ASI  
  Philadelphia, PA USA  
  Vicinity Energy: Philadelphia  
  35,000 sq ft - Space heating, Process

- **177 Huntington Ave**  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  206,000 sq ft - Space heating

- **1845 Walnut St.**  
  Philadelphia, PA USA  
  Vicinity Energy: Philadelphia  
  558,060 sq ft - Space heating
North America, cont.

Commercial—Office cont.

- **200 Cesar Chavez**
  Silicon Labs - Block 4
  Austin, TX USA
  Austin Energy
  129,105 sq ft - Space cooling

- **2201 Farnam St, Omaha, NE**
  Federal Reserve Bank
  Omaha, NE USA
  Clearway Community Energy: Omaha
  110,246 sq ft - Space heating, Space cooling

- **222 S 15th Street**
  Central Park Plaza
  Omaha, NE USA
  Clearway Community Energy: Omaha
  419,679 sq ft - Space heating, Space cooling

- **230 Congress St**
  Boston, MA USA
  Vicinity Energy: Boston/Cambridge
  153,756 sq ft - Space heating

- **233 Bonair Siding, Stanford Public Safety New Building**
  Stanford, CA USA
  Stanford University
  30,000 sq ft - Space heating, Space cooling, Domestic hot water, Humidification, Kitchen, Refrigeration

- **349 W Georgia**
  The Post
  Vancouver, BC Canada
  Creative Energy: BC
  1,285,000 sq ft - Space heating, Domestic hot water

- **400 Cesar Chavez**
  Silicon Labs - Block 2
  Austin, TX USA
  Austin Energy
  129,105 sq ft - Space cooling

- **400 Market**
  MRP Realty
  Philadelphia, PA USA
  Vicinity Energy: Philadelphia
  186,323 sq ft - Space heating, Process

- **400 W Georgia**
  Deloitte Summit
  Vancouver, BC Canada
  Creative Energy: BC
  370,000 sq ft - Space heating, Deloitte Summit

- **402 Dunsmuir**
  Vancouver, BC Canada
  Creative Energy: BC
  152,000 sq ft - Space heating

- **45 Empire Drive**
  Rift Valley Transportation Building
  St. Paul, MN USA
  Ever-Green Energy
  23,095 sq ft - Space heating

- **500 Cesar Chavez**
  Silicon Labs - Block 4
  Austin, TX USA
  Austin Energy
  219,828 sq ft - Space cooling

- **500 Market St.**
  San Francisco, CA USA
  Clearway Community Energy: San Francisco
  333,038 sq ft - Space heating, Domestic hot water

- **555 Market St.**
  San Francisco, CA USA
  Clearway Community Energy: San Francisco
  333,038 sq ft - Space heating, Domestic hot water

- **600 Chestnut**
  Baycrest PLB Realty LLC
  Philadelphia, PA USA
  Vicinity Energy: Philadelphia
  534,000 sq ft - Space heating

- **750 E Pratt St**
  750 East Pratt Street Chilled Water Renewal
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  338,688 sq ft - Space cooling

- **838 Market Street**
  Philadelphia, PA USA
  Vicinity Energy: Philadelphia
  36,000 sq ft - Space heating

- **90 7th St.**
  San Francisco, CA USA
  Clearway Community Energy: San Francisco
  605,000 sq ft - Space heating, Domestic hot water

- **Century Square Building**
  Seattle, WA USA
  CenTrio: Seattle
  620,338 sq ft - Space heating, Domestic hot water

- **Occidental Mall**
  Seattle, WA USA
  CenTrio: Seattle
  113,424 sq ft - Space heating, Domestic hot water

Commercial—Retail/Manufacturing

- **10 North Calvert St**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  24,685 sq ft - Space heating

- **115 Stuart St**
  Rock Bottom Brewery Renewal 2021
  Boston, MA USA
  Vicinity Energy: Boston/Cambridge
  2,000 sq ft - Space heating, Domestic hot water

- **1201 Filbert**
  Filbert Street Associates (Parking garage)
  Philadelphia, PA USA
  Vicinity Energy: Philadelphia
  367,425 sq ft - Space heating
### Commercial—Retail/Manufacturing cont.

- 139 Eva Street  
  Ball Metal Beverage Container Corp.  
  St. Paul, MN USA  
  Ever-Green Energy  
  165,360 sq ft - Process

- 201 W 5th Street  
  Plaza Lofts  
  Austin, TX USA  
  Austin Energy  
  99,675 sq ft - Space cooling

- 349 W Georgia  
  The Post  
  Vancouver, BC Canada  
  Creative Energy: BC  
  1,285,000 sq ft - Space heating, Domestic hot water

- 600 E. Lombard St.  
  34 Marketplace  
  Baltimore, MD USA  
  Vicinity Energy: Baltimore  
  602,000 sq ft - Space cooling

- Brookshire Brothers  
  College Station, TX USA  
  Texas A&M University  
  48,979 sq ft - Space cooling

### Commercial—Other

- 115 Broadway Biogen  
  Cambridge, MA USA  
  Vicinity Energy: Boston/Cambridge  
  1,137,500 sq ft - Space heating, Space cooling, Domestic hot water, Process

- 115 Stuart St.  
  Rock Bottom Brewery  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  2,000 sq ft - Kitchen

- 1301 2nd Ave. S  
  Convention Center  
  Minneapolis, MN USA  
  Clearway Community Energy: Minneapolis  
  800,000 sq ft - Space heating, Space cooling, Domestic hot water, Kitchen Refrigeration

- 15 Necco St  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  633,500 sq ft - Space heating, Space cooling, Domestic hot water, Process

- 255 2nd Ave S  
  Wells Fargo Ops Center  
  Minneapolis, MN USA  
  Clearway Community Energy: Minneapolis  
  603,738 sq ft - Space heating

- 35 Landsdowne St  
  Takeda  
  Cambridge, MA USA  
  Vicinity Energy: Boston/Cambridge  
  200,000 sq ft - Space heating, Domestic hot water, Process

- 360 Binney St  
  Amgen  
  Cambridge, MA USA  
  Vicinity Energy: Boston/Cambridge  
  300,000 sq ft - Space heating, Domestic hot water, Humidification, Process

- 40 Landsdowne St  
  Takeda  
  Cambridge, MA USA  
  Vicinity Energy: Boston/Cambridge  
  450,000 sq ft - Space heating, Domestic hot water, Process

- 585 Third St  
  Biomed Realty  
  Cambridge, MA USA  
  Vicinity Energy: Boston/Cambridge  
  650,000 sq ft - Space heating, Domestic hot water, Process

- 601 Walnut St.  
  Curtis  
  Philadelphia, PA USA  
  Vicinity Energy: Philadelphia  
  912,244 sq ft - Space heating, Domestic hot water, Process

- 75 Brookline Ave  
  Fenway Center Ph. 2  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  450,000 sq ft - Space heating, Domestic hot water

- 99 A Street  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  250,000 sq ft - Space heating, Domestic hot water

### Entertainment, Cultural or Sporting Center

- 1 Central Wharf  
  New England Aquarium 2021 Renewal  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  108,023 sq ft - Space heating, Domestic hot water

- 1 S Market St  
  Faneuil Hall  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  200,000 sq ft - Space heating, Domestic hot water

- 10.5 Beacon St  
  Boston Athenaeum  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  144,000 sq ft - Space heating, Domestic hot water, Humidification

- 10.5 Beacon St  
  Boston Athenaeum  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  144,000 sq ft - Space heating, Humidification

- 101 Newbury St.  
  Northeast Historical Society  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  10,000 sq ft - Space heating

- 1301 2nd Ave. S  
  Convention Center  
  Minneapolis, MN USA  
  Clearway Community Energy: Minneapolis  
  800,000 sq ft - Space heating, Space cooling, Domestic hot water, Kitchen, Refrigeration

- 1380 Atlantic Drive  
  Atlanta, GA USA  
  Vicinity Energy: Atlanta  
  24,000 sq ft - Space cooling

- 206 Clarendon St  
  Trinity Church Renewal 2021  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  65,880 sq ft - Space heating

- 301 W 13th St  
  Bartle Hall  
  City of Kansas City, Missouri  
  Kansas City, MO USA  
  Vicinity Energy: Kansas City  
  800,000 sq ft - Space heating, Space cooling

- 501 E Pratt St  
  National Aquarium Chilled Water Renewal  
  Baltimore, MD USA  
  Vicinity Energy: Baltimore  
  48,404 sq ft - Space cooling

- 900 Boylston St  
  Hynes Convention Center 2021 Renewal  
  Boston, MA USA  
  Vicinity Energy: Boston/Cambridge  
  763,200 sq ft - Space heating, Domestic hot water

- Seattle Art Museum  
  Seattle, WA USA  
  CenTrio: Seattle  
  312,000 sq ft - Space heating, Humidification

- Seattle Public Library  
  Seattle, WA USA  
  CenTrio: Seattle  
  362,987 sq ft - Space heating, Humidification
Entertainment, Cultural or Sporting Center cont.

- **South End Zone**
  Austin, TX USA
  The University of Texas at Austin
  111,900 sq ft - Space heating, Space cooling

- **Swimming/Diving Expansion of Student Rec Center**
  College Station, TX USA
  Texas A&M University
  11,514 sq ft - Space cooling

- **Womens University Club**
  Seattle, WA USA
  CenTrio: Seattle
  35,771 sq ft - Space heating, Domestic hot water

- **YWCA of Seattle**
  Seattle, WA USA
  CenTrio: Seattle
  107,572 sq ft - Space heating, Domestic hot water

Government

- **250 S 4th St Public Service Building**
  Minneapolis, MN USA
  Clearway Community Energy: Minneapolis
  122,890 sq ft - Space heating

- **40 S Gay GSA Steam and Chilled Water Renewal**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  735,726 sq ft - Space cooling

- **401 E Madison St. DPSCS Supermax**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  830,780 sq ft - Space heating

- **Douglas County Juvenile Justice Tower, 1717 Harney Street Omaha, NE; Douglas County Juvenile Center, 425 S 18th St, Omaha, NE; Douglas County Juvenile Justice Center & Douglas County Youth Center Omaha, NE USA**
  Clearway Community Energy: Omaha
  214,153 sq ft - Space heating

- **King County Admin Building**
  Seattle, WA USA
  CenTrio: Seattle
  372,242 sq ft - Space heating, Domestic hot water

- **100 South Howard St 100 South Howard Street Steam Contract**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  29,258 sq ft - Space heating

- **1000 Aliceanna St Courtyard by Marriott Harbor East Parcel C-Hotel**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  150,000 sq ft - Space heating, Space cooling

- **101 West Fayette St Radisson 101 West Fayette Baltimore, MD USA**
  Vicinity Energy: Baltimore
  750,000 sq ft - Space cooling

- **103 W. 12th 106 W. 12th Hotel Phillips**
  Kansas City, MO USA
  Vicinity Energy: Kansas City
  175,000 sq ft - Space heating, Space cooling

- **1300 Nicollet Mall Hyatt Regency Hotel**
  Minneapolis, MN USA
  Clearway Community Energy: Minneapolis
  788,506 sq ft - Space cooling

- **161 Devonshire St Club Quarters**
  Boston, MA USA
  Vicinity Energy: Boston/Cambridge
  72,632 sq ft - Space heating, Domestic hot water, Kitchen

- **222 Saint Paul Place Hotel OPCO Short Term Chilled Water and steam**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  258,500 sq ft - Space heating, Space cooling

- **300 South Charles**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  300,000 sq ft - Space cooling

- **700 Aliceanna St IHE Parcel A Baltimore Hot Water**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  21,751 sq ft - Space heating

- **700 Aliceanna St Parcel H Garage**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  21,751 sq ft - Space heating

- **73 N Central Ave Edith Hotel Phoenix, AZ USA**
  Clearway Community Energy: Phoenix
  205,000 sq ft - Space cooling

- **733 Beatty YWCA Vancouver Expansion**
  Vancouver, BC Canada
  Creative Energy: BC
  23,000 sq ft - Space heating, Domestic hot water

- **700 Aliceanna St**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  561,000 sq ft - Space heating

- **111 Highland Drive Alma Clark Glass Hall**
  Bellingham, WA USA
  Western Washington University
  120,000 sq ft - Space heating, Domestic hot water

- **9101 W Doyne Ave Kathy's House**
  Wauwatosa, WI USA
  Milwaukee Regional Medical Center
  30,600 sq ft - Space cooling

- **10 Rittenhouse Sq Philadelphia, PA USA**
  Vicinity Energy: Philadelphia
  1,511,000 sq ft - Space heating, Space cooling

- **100 S. Commons Faros Properties**
  Pittsburgh, PA USA
  Clearway Community Energy: Pittsburgh
  150,000 sq ft - Space heating

- **1188 Mission St Trinity Place**
  San Francisco, CA USA
  Clearway Community Energy: San Francisco
  309,000 sq ft - Space heating, Domestic hot water

- **1188 Mission**
  1188 Mission
  Kathy's House MRC
  30,600 sq ft - Space cooling

- **700 Aliceanna St**
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  561,000 sq ft - Space heating

- **111 Highland Drive Alma Clark Glass Hall**
  Bellingham, WA USA
  Western Washington University
  120,000 sq ft - Space heating, Domestic hot water

- **9101 W Doyne Ave Kathy's House**
  Wauwatosa, WI USA
  Milwaukee Regional Medical Center
  30,600 sq ft - Space cooling

- **10 Rittenhouse Sq Philadelphia, PA USA**
  Vicinity Energy: Philadelphia
  1,511,000 sq ft - Space heating, Space cooling

- **100 S. Commons Faros Properties**
  Pittsburgh, PA USA
  Clearway Community Energy: Pittsburgh
  150,000 sq ft - Space heating, Space cooling

- **111 Highland Drive Alma Clark Glass Hall**
  Bellingham, WA USA
  Western Washington University
  120,000 sq ft - Space heating, Domestic hot water

- **9101 W Doyne Ave Kathy's House**
  Wauwatosa, WI USA
  Milwaukee Regional Medical Center
  30,600 sq ft - Space cooling

- **10 Rittenhouse Sq Philadelphia, PA USA**
  Vicinity Energy: Philadelphia
  1,511,000 sq ft - Space heating, Space cooling

- **100 S. Commons Faros Properties**
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  1,511,000 sq ft - Space heating, Space cooling

- **100 S. Commons Faros Properties**
  Pittsburgh, PA USA
  Clearway Community Energy: Pittsburgh
  150,000 sq ft - Space heating, Space cooling

- **111 Highland Drive Alma Clark Glass Hall**
  Bellingham, WA USA
  Western Washington University
  120,000 sq ft - Space heating, Domestic hot water
Residential cont.

- **1190 Mission ST.**
  Trinity Plaza
  San Francisco, CA USA
  Ever-Green Energy
  213,555 sq ft - Space heating, Domestic hot water

- **125 Jefferson Avenue**
  125 Jefferson Avenue SE
  Grand Rapids, MI USA
  Vicinity Energy: Grand Rapids
  24,000 sq ft - Space heating

- **127 & 129 E 12th Street**
  Victoria North Vancouver
  North Vancouver, BC Canada
  Lonsdale Energy Corp.
  45,075 sq ft - Space heating, Domestic hot water

- **143 E 17th Street**
  Origin by Anthem
  North Vancouver, BC Canada
  Lonsdale Energy Corp.
  159,515 sq ft - Space heating, Domestic hot water

- **1480 Howe, 1471 Continental, 1461 Granville**
  Vancouver House
  Vancouver, BC Canada
  Creative Energy: BC
  695,000 sq ft - Space heating, Space cooling, Domestic hot water

- **181 W 6th Street**
  Avesta
  North Vancouver, BC Canada
  Lonsdale Energy Corp.
  37,000 sq ft - Space heating, Domestic hot water

- **201 W 5th Street**
  Plaza Lofts
  Austin, TX USA
  Austin Energy
  99,675 sq ft - Space cooling

- **26 10th Street West**
  Gallery Towers Condominiums
  St. Paul, MN USA
  196,000 sq ft - Space cooling

- **300 N Central Ave**
  Central Station
  Phoenix, AZ USA
  Clearway Community Energy: Phoenix
  1,100,000 sq ft - Space cooling

- **3075 Trafalgar**
  North Oak
  Oakville, ON Canada
  Creative Energy: Ontario
  800,000 sq ft - Space heating, Space cooling, Domestic hot water

- **311 W 1st Street**
  The Grand Lion
  North Vancouver, BC Canada
  Lonsdale Energy Corp.
  50,438 sq ft - Space heating, Domestic hot water

- **3185 Riverwalk Avenue**
  Riverwalk
  Vancouver, BC Canada
  River District Energy LLP
  85,357 sq ft - Space heating, Domestic hot water

- **3198 Riverwalk Avenue**
  Currents at Water’s Edge
  Vancouver, BC Canada
  River District Energy LLP
  148,772 sq ft - Space heating, Domestic hot water

- **3538 Sawmill Crescent**
  Avalon 3
  Vancouver, BC Canada
  River District Energy LLP
  309,295 sq ft - Space heating, Domestic hot water

- **3625 Sawmill Crescent**
  Alder
  Vancouver, BC Canada
  River District Energy LLP
  93,592 sq ft - Space heating, Domestic hot water

- **39 W Lexington Street**
  Chilled Water
  Baltimore, MD USA
  Vicinity Energy: Baltimore
  200,000 sq ft - Space cooling

- **5766/5788 Gilbert Rd**
  Cascade City
  Richmond, BC Canada
  City of Richmond/Lulu Island Energy Company
  257,728 sq ft - Space heating, Domestic hot water

- **581 Bloor**
  Mirvish Village
  Toronto, ON Canada
  Creative Energy: Ontario
  900,000 sq ft - Space heating, Space cooling, Domestic hot water
Residential cont.

- **6687 Nelson Sewell’s Landing**
  West Vancouver, BC Canada
  Creative Energy: BC
  250,000 sq ft - Space heating, Space cooling, Domestic hot water

- **757 Campus Dr, Stanford EV Graduate Residences Complex**
  Stanford, CA USA
  Stanford University
  1,800,000 sq ft - Space heating, Domestic hot water, Humidification, Kitchen, Refrigeration

- **78 10th Street East**
  The Pointe of St. Paul Condominiums (DCSA)
  St. Paul, MN USA
  Ever-Green Energy
  350,000 sq ft - Space heating, Space cooling, Domestic hot water

School, Hospital, Institution

- **889 Pacific The Pacific**
  Vancouver, BC Canada
  Creative Energy: BC
  246,000 sq ft - Space heating, Domestic hot water

- **9020 McKim Way Camden Walk**
  Richmond, BC Canada
  City of Richmond/ Lulu Island Energy Company
  26,649 sq ft - Space heating, Space cooling, Domestic hot water

- **1323 Forbes Ave. Duquesne – College of Osteopathic Medicine**
  Pittsburgh, PA USA
  Clearway Community Energy: Pittsburgh
  80,000 sq ft - Space heating, Space cooling

- **20 Stanford St**
  Schepens Eye Research 2020 Renewal
  Boston, MA USA
  Vicinity Energy: Boston/ Cambridge
  83,556 sq ft - Space heating, Domestic hot water, Humidification, Process

- **201 Lafayette SE Hospital**
  Grand Rapids, MI USA
  Vicinity Energy: Grand Rapids
  245,583 sq ft - Space heating, Domestic hot water, Humidification, Process

- **2325 Rue de l’Université, Québec, QC G1V 0A6 Campus**
  Quebec, Quebec Canada
  Laval University
  7,454,126 sq ft - Space heating, Space cooling, Domestic hot water, Humidification, Process, Kitchen Refrigeration

- **2450 Riverside Ave. Fairview Riverside Minneapolis, MN USA**
  Clearway Community Energy: Minneapolis
  4,545,000 sq ft - Space heating, Domestic hot water, Humidification, Process, Kitchen

- **300 Nicollet Mall**
  Hennepin CTY Library
  Minneapolis, MN USA
  Clearway Community Energy: Minneapolis
  493,700 sq ft - Space heating

- **310 Pillsbury Dr SE**
  Minneapolis, MN 55455
  Pillsbury Hall
  Minneapolis, MN USA
  University of Minnesota
  75,359 sq ft - Space heating, Space cooling, Domestic hot water

- **2325 Rue de l’université, Québec, QC G1V 0A6 Campus**
  Quebec, Quebec Canada
  Laval University
  7,454,126 sq ft - Space heating, Space cooling, Domestic hot water, Humidification, Process, Kitchen Refrigeration

- **2450 Riverside Ave. Fairview Riverside Minneapolis, MN USA**
  Clearway Community Energy: Minneapolis
  4,545,000 sq ft - Space heating, Domestic hot water, Humidification, Process, Kitchen

- **300 Nicollet Mall**
  Hennepin CTY Library
  Minneapolis, MN USA
  Clearway Community Energy: Minneapolis
  493,700 sq ft - Space heating

- **310 Pillsbury Dr SE**
  Minneapolis, MN 55455
  Pillsbury Hall
  Minneapolis, MN USA
  University of Minnesota
  75,359 sq ft - Space heating, Space cooling, Domestic hot water

- **University of Minneapolis - Pillsbury Hall**
North America, cont.

School, Hospital, Institution cont.

- 320 S Broad St
  University of the Arts 320
  South Broad St Philadelphia
  Steam
  Philadelphia, PA USA
  Vicinity Energy: Philadelphia
  116,264 sq ft - Space heating

- 326 Market Street
  Harrisburg University – Health Sciences & Education Center
  Harrisburg, PA USA
  Clearway Community Energy: Pittsburgh
  220,000 sq ft - Space heating

- 3800 East Stevens NE Way, Seattle WA
  UW Bill & Melinda Gates Center for Computer Science & Engineering
  Seattle, WA USA
  University of Washington
  157,864 sq ft - Space heating

- 3980 10th Street
  Science Initiative Building
  Laramie, WY USA
  University of Wyoming
  147,926 sq ft - Space heating

- 468 N. 10th Street
  Science Initiative Building
  Laramie, WY USA
  University of Wyoming
  147,926 sq ft - Space heating

- 623 Coleman Hall Dr
  Holmes Hall
  Lewisburg, PA USA
  Bucknell University
  79,800 sq ft - Space cooling

- 805 TRU Way
  Thompson Rivers University (Phase 1)
  Kamloops, BC Canada
  Creative Energy: BC
  600,000 sq ft - Space heating

- 808 Ridge Ave
  Community College of Allegheny County – Work Force Building
  Pittsburgh, PA USA
  Clearway Community Energy: Pittsburgh
  50,000 sq ft - Space heating

- 834 Walnut St
  Wills Eye renewal contract
  Philadelphia, PA USA
  Vicinity Energy: Philadelphia
  35,270 sq ft - Space heating

- Creighton University
  CL Werner Center of Health Sciences Education
  Omaha, NE USA
  Clearway Community Energy: Omaha
  138,000 sq ft - Space heating

- University of Rochester
  Middle Campus
  Hellen Wood Hall
  Rochester, NY USA
  University of Rochester
  29,811 sq ft - Space heating

- Swedish MC - 21386
  Seattle, WA USA
  CenTrio: Seattle
  1,639,334 sq ft - Space heating

- Swedish MC - Nordstrom
  Seattle, WA USA
  CenTrio: Seattle
  215,923 sq ft - Space heating

- Other
  1221 E. Lewis Street
  West Campus Energy Plant
  Laramie, WY USA
  University of Wyoming
  12,668 sq ft - Space heating

- 45 Empire Drive
  Rift Valley Transportation Building
  St. Paul, MN USA
  Ever-Green Energy
  23,095 sq ft - Space heating

- Elephant & Castle Pub
  Seattle, WA USA
  CenTrio: Seattle
  11,500 sq ft - Space heating

- Rift Valley Transportation Building

- CenTrio: Seattle

- Ever-Green Energy

- Elephant & Castle Pub

- CenTrio: Seattle

- Rift Valley Transportation Building
Beyond North America

Commercial—Mixed Use
- Al Taif Investments
  Fujairah, UAE
  EMICOOL
  361,349 sq ft - Space cooling

- Red Sea Development
  Umm Al Wajh, Kingdom of Saudi Arabia
  National Central Cooling Company PJSC: Tabreed
  512,000 sq ft - Space cooling

Commercial—Office
- Al Sowwah Properties
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  197,008 sq ft - Space cooling

- First Abu Dhabi Bank
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  35,712 sq ft - Space cooling

Commercial—Retail/Manufacturing
- Al Furjan West Pavilion
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  84,000 sq ft - Space cooling

- Al Furjan South Pavilion
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  106,000 sq ft - Space cooling

- ADGM
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  16,048 sq ft - Space cooling

- Apple Store
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  2,275 sq ft - Space cooling

- Galleria Ext. Mall
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  158,951 sq ft - Space cooling

- Galleria Mall Ext
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  42,874 sq ft - Space cooling

- The Walk - Retail
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  25,940 sq ft - Space cooling

- Discovery Garden Pavilion
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  3,528,000 sq ft - Space cooling

- First Option Contracting LLC
  Dubai, UAE
  EMICOOL
  237,236 sq ft - Space cooling

- Mall of Kattameya
  Cairo, Egypt
  National Central Cooling Company PJSC: Tabreed
  70,000 sq ft - Space cooling

- Al Madinat Hypermarket

- Al Madinat Hypermarket

- Al Khail Avenue Mall
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  2,100,000 sq ft - Space cooling

- Circle Mall
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  700,000 sq ft - Space cooling

- Nakheel Mall
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  2,330,000 sq ft - Space cooling

- Floresta Gardens Tower - Retail
  Doha, Qatar
  Qatar Cool
  36,597 sq ft - Space cooling

- Floresta Gardens Tower - Retail
Beyond North America, cont.

**Commercial—Other cont.**

- **Giardino Mall**  
  Doha, Qatar  
  Qatar Cool  
  168,993 sq ft - Space cooling

- **Marina Workshop**  
  Doha, Qatar  
  Qatar Cool  
  12,270 sq ft - Space cooling

- **The Pearl Showroom LA 24**  
  Doha, Qatar  
  Qatar Cool  
  127,972 sq ft - Space cooling

- **United School International**  
  Doha, Qatar  
  Qatar Cool  
  322,917 sq ft - Space cooling

**Entertainment, Cultural or Sporting Center**

- **Abrahamic family House**  
  Abu Dhabi, UAE  
  National Central Cooling Company PJSC: Tabreed  
  8,694 sq ft - Space cooling

- **Jumeirah Heights - Amity School/Club House**  
  Dubai, UAE  
  Empower (Emirates Central Cooling Systems Corporation)  
  166,400 sq ft - Space cooling

**Hotel**

- **Dragon Mart Mall & IBIS Hotel**  
  Dubai, UAE  
  Empower (Emirates Central Cooling Systems Corporation)  
  3,528,000 sq ft - Space cooling

- **Four Seasons Hotel**  
  Abu Dhabi, UAE  
  National Central Cooling Company PJSC: Tabreed  
  92,000 sq ft - Space cooling

- **Rosewood Hotel**  
  Abu Dhabi, UAE  
  National Central Cooling Company PJSC: Tabreed  
  91,563 sq ft - Space cooling

**Residential**

- **Al Hilal Tower**  
  Abu Dhabi, UAE  
  National Central Cooling Company PJSC: Tabreed  
  34,460 sq ft - Space cooling

- **Farglory Tower**  
  Abu Dhabi, UAE  
  National Central Cooling Company PJSC: Tabreed  
  30,401 sq ft - Space cooling

- **Webridge**  
  Abu Dhabi, UAE  
  National Central Cooling Company PJSC: Tabreed  
  34,440 sq ft - Space cooling

- **Acacia**  
  Muscat, Oman  
  National Central Cooling Company PJSC: Tabreed  
  24,691 sq ft - Space cooling

- **Almeria East**  
  Muscat, Oman  
  National Central Cooling Company PJSC: Tabreed  
  27,048 sq ft - Space cooling

- **Almeria North**  
  Muscat, Oman  
  National Central Cooling Company PJSC: Tabreed  
  20,416 sq ft - Space cooling
Residential cont.

- **Almeria South**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  37,070 sq ft - Space cooling

- **Juman 1**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  30,029 sq ft - Space cooling

- **Juman 2**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  30,432 sq ft - Space cooling

- **Liwan**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  21,860 sq ft - Space cooling

- **Luban**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  26,925 sq ft - Space cooling

- **Marsa 1**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  32,172 sq ft - Space cooling

- **Marsa 2**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  38,601 sq ft - Space cooling

- **Marsa 3**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  25,577 sq ft - Space cooling

- **Marsa Gardens**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  42,964 sq ft - Space cooling

- **Neem**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  8,538 sq ft - Space cooling

- **Siraj**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  11,762 sq ft - Space cooling

- **The Gardens**
  Muscat, Oman
  National Central Cooling Company PJSC: Tabreed
  48,358 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  5,754 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  5,998 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  6,973 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  7,000 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  7,849 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  7,995 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  8,000 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  9,006 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  13,820 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  13,933 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  13,933 sq ft - Space cooling

- **Raha Beach Residential tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  16,475 sq ft - Space cooling

- **Shams Building**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  14,355 sq ft - Space cooling

- **Shams Tower**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  34,146 sq ft - Space cooling

- **Peninsula**
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  3,820,250 sq ft - Space cooling

- **Peninsula**
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  3,820,250 sq ft - Space cooling

- **Makaseb 2 Real Estate Investments SPV Limited**
  Dubai, UAE
  EMICOOL
  127,635 sq ft - Space cooling
**Residential cont.**

- **Makaseb 2 Real Estate Investments SPV Limited**
  Dubai, UAE  
  EMICOOL  
  127,635 sq ft - Space cooling

- **Makaseb 2 Real Estate Investments SPV Limited**
  Dubai, UAE  
  EMICOOL  
  117,359 sq ft - Space cooling

- **Lootah Investments L.L.C**
  Dubai, UAE  
  EMICOOL  
  260,488 sq ft - Space cooling

- **Abdulhalim AA Muwahid & Abdulrahman Mohd Taher Mohd Wali**
  Dubai, UAE  
  EMICOOL  
  173,827 sq ft - Space cooling

- **Titans Real Estate Developers L.L.C**
  Dubai, UAE  
  EMICOOL  
  291,240 sq ft - Space cooling

- **Damac Hills (ABD)**
  Dubai, UAE  
  EMICOOL  
  265,739 sq ft - Space cooling

- **Damac Hills (ABD)**
  Dubai, UAE  
  EMICOOL  
  274,250 sq ft - Space cooling

- **Damac Hills (ABD)**
  Dubai, UAE  
  EMICOOL  
  265,739 sq ft - Space cooling

- **Al Taif Investments**
  Fujairah, UAE  
  EMICOOL  
  108,295 sq ft - Space cooling

- **Dubai Investments Real Estate**
  Dubai, UAE  
  EMICOOL  
  204,278 sq ft - Space cooling

- **Dubai Investments Real Estate**
  Dubai, UAE  
  EMICOOL  
  207,829 sq ft - Space cooling

- **Dubai Investments Real Estate**
  Dubai, UAE  
  EMICOOL  
  207,829 sq ft - Space cooling
#### Residential cont.

**Dubai Investments Real Estate**  
Dubai, UAE  
EMICOOL  
204,278 sq ft - Space cooling

**Golden Mile 3 Building**  
Dubai, UAE  
Empower (Emirates Central Cooling Systems Corporation)  
205,000 sq ft - Space cooling

**Garden View Villas (206 Villas)**  
Dubai, UAE  
Empower (Emirates Central Cooling Systems Corporation)  
1,050,000 sq ft - Space cooling

**The Gardens Buildings**  
Dubai, UAE  
Empower (Emirates Central Cooling Systems Corporation)  
5,101,000 sq ft - Space cooling

**Floresta Gardens Tower-103**  
Doha, Qatar  
Qatar Cool  
269,097 sq ft - Space cooling

**Floresta Gardens Tower-110**  
Doha, Qatar  
Qatar Cool  
226,149 sq ft - Space cooling

**Giardino Village - AP02**  
Doha, Qatar  
Qatar Cool  
34,121 sq ft - Space cooling

**Giardino Village - AP06**  
Doha, Qatar  
Qatar Cool  
37,243 sq ft - Space cooling

**Giardino Village - AP09**  
Doha, Qatar  
Qatar Cool  
37,167 sq ft - Space cooling

**Giardino Village - AP19**  
Doha, Qatar  
Qatar Cool  
35,434 sq ft - Space cooling

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**Beyond North America, cont.**

**Dubai Investments Real Estate**  
Dubai, UAE  
EMICOOL  
204,278 sq ft - Space cooling

**Golden Mile 3 Building**  
Dubai, UAE  
Empower (Emirates Central Cooling Systems Corporation)  
205,000 sq ft - Space cooling

**Garden View Villas (206 Villas)**  
Dubai, UAE  
Empower (Emirates Central Cooling Systems Corporation)  
1,050,000 sq ft - Space cooling

**The Gardens Buildings**  
Dubai, UAE  
Empower (Emirates Central Cooling Systems Corporation)  
5,101,000 sq ft - Space cooling

**Floresta Gardens Tower-103**  
Doha, Qatar  
Qatar Cool  
269,097 sq ft - Space cooling

**Floresta Gardens Tower-110**  
Doha, Qatar  
Qatar Cool  
226,149 sq ft - Space cooling

**Giardino Village - AP02**  
Doha, Qatar  
Qatar Cool  
34,121 sq ft - Space cooling

**Giardino Village - AP06**  
Doha, Qatar  
Qatar Cool  
37,243 sq ft - Space cooling

**Giardino Village - AP09**  
Doha, Qatar  
Qatar Cool  
37,167 sq ft - Space cooling

**Giardino Village - AP19**  
Doha, Qatar  
Qatar Cool  
35,434 sq ft - Space cooling
Residential cont.

- **Giardino Village - AP28**
  Doha, Qatar
  Qatar Cool
  28,152 sq ft - Space cooling

- **Giardino Village - AP29**
  Doha, Qatar
  Qatar Cool
  24,304 sq ft - Space cooling

- **GVV 1**
  Doha, Qatar
  Qatar Cool
  7,265 sq ft - Space cooling

- **GVV 2**
  Doha, Qatar
  Qatar Cool
  7,265 sq ft - Space cooling

- **GVV 3**
  Doha, Qatar
  Qatar Cool
  7,265 sq ft - Space cooling

- **GVV 93**
  Doha, Qatar
  Qatar Cool
  7,265 sq ft - Space cooling

- **La Plage South-05**
  Doha, Qatar
  Qatar Cool
  546,418 sq ft - Space cooling

- **LVG 12**
  Doha, Qatar
  Qatar Cool
  4,843 sq ft - Space cooling

- **LPS 04**
  Doha, Qatar
  Qatar Cool
  258,333 sq ft - Space cooling

- **LPS 05**
  Doha, Qatar
  Qatar Cool
  9,687 sq ft - Space cooling

- **LPS 29**
  Doha, Qatar
  Qatar Cool
  13,239 sq ft - Space cooling

- **LPS 30**
  Doha, Qatar
  Qatar Cool
  12,916 sq ft - Space cooling

- **LVG 42**
  Doha, Qatar
  Qatar Cool
  11,302 sq ft - Space cooling

- **LPS 42**
  Doha, Qatar
  Qatar Cool
  7,265 sq ft - Space cooling

- **LPE 1**
  Doha, Qatar
  Qatar Cool
  8,395 sq ft - Space cooling

- **LPE 2**
  Doha, Qatar
  Qatar Cool
  24,864 sq ft - Space cooling

- **LPE 18**
  Doha, Qatar
  Qatar Cool
  23,572 sq ft - Space cooling

- **LPE 42**
  Doha, Qatar
  Qatar Cool
  23,572 sq ft - Space cooling

- **LPC 40**
  Doha, Qatar
  Qatar Cool
  7,427 sq ft - Space cooling

- **LPC 30**
  Doha, Qatar
  Qatar Cool
  12,916 sq ft - Space cooling

- **LPW 12**
  Doha, Qatar
  Qatar Cool
  24,864 sq ft - Space cooling

- **LPW 42**
  Doha, Qatar
  Qatar Cool
  23,572 sq ft - Space cooling

School, Hospital, Institution

- **Jumierah Heights - Amity School/Club House**
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  166,400 sq ft - Space cooling

Other

- **Other Buildings**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  32,000 sq ft - Space cooling

- **Other Buildings**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  238,384 sq ft - Space cooling

- **Dubai International Airport**
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  29,000,000 sq ft - Space cooling

- **Gulfex Trading DMCC**
  Dubai, UAE
  EMICOOL
  41,748 sq ft - Space cooling

Other Buildings

- **Other Buildings**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  32,000 sq ft - Space cooling

- **Other Buildings**
  Abu Dhabi, UAE
  National Central Cooling Company PJSC: Tabreed
  238,384 sq ft - Space cooling

- **Dubai International Airport**
  Dubai, UAE
  Empower (Emirates Central Cooling Systems Corporation)
  29,000,000 sq ft - Space cooling

- **Gulfex Trading DMCC**
  Dubai, UAE
  EMICOOL
  41,748 sq ft - Space cooling
Make plans now to photograph and enter your customer buildings that commit or recommit for your district energy service during 2022!

*The deadline for submittal of system growth data for calendar 2022 is Fri., March 31, 2023.*

Continuing our tradition, during the IDEA 114th Annual Conference in Chicago, Illinois June 5-8, 2023, IDEA will congratulate and present awards to those systems reporting the largest growth for calendar 2022 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 2022, 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 Sarah Theurkauf at sarah.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)