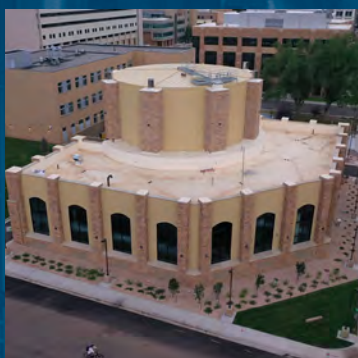
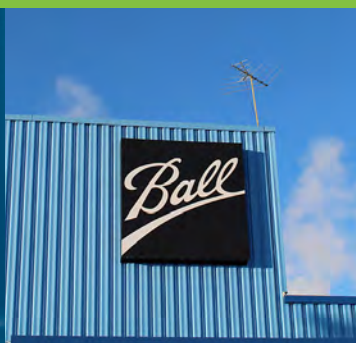


District Energy Space 2021



Spotlighting Industry Growth

2021: More than 122 million square feet reported

Over 2.7 billion square feet reported since 1990

District Energy Space 2021

In a Challenging Year, Remarkable Industry Growth

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



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

This issue features a compilation of data provided by our members including the number of buildings and their area in square feet that have been committed or recommitted to district energy service in North America 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>

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.



Summary for 2021

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!

2021 New Square Footage Reported*

| Category | North America | Beyond North America |
|--|-------------------|----------------------|
| Commercial-Mixed Use | 3,122,395 | 873,349 |
| Commercial-Office | 8,695,109 | 232,720 |
| Commercial-Retail/Manufacturing | 1,400,124 | 1,115,015 |
| Commercial-Other | 5,695,982 | 9,116,750 |
| Entertainment, Cultural or Sporting Center | 3,952,251 | 33,494 |
| Government | 2,275,791 | 0 |
| Hotel | 2,805,998 | 1,945,581 |
| Residential | 9,709,950 | 23,710,928 |
| School, Hospital or Institution | 17,668,460 | 441,696 |
| Other | 32,263 | 29,312,133 |
| Square Footage Reported 2021 | 55,772,079 | 66,781,667 |

2021 Total Reported in North America and Beyond North America 122,049,990

* All entries are newly signed, connected or renewed customers during calendar year 2021 (*Renewal* means contractually recommitted to a long-term service agreement of 10 years or greater.)

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



111 E 5th

- **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

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



1190 Mission

- **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



Vancouver House

- **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.

Cambridge, MA USA
Vicinity Energy: Boston/
Cambridge
338,481 sq ft - Space heating

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



Mirvish Village

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



Sewell's Landing

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

- **Fourth & Pike**
Seattle, WA USA
CenTrio: Seattle
5,500 sq ft - Space heating,
Kitchen

- **Medical Dental Bldg**
Seattle, WA USA
CenTrio: Seattle
300,000 sq ft - Space heating,
Domestic hot water

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

- **Pike Brewing**
Seattle, WA USA
CenTrio: Seattle
8,500 sq ft - Space heating,
Domestic hot water

- **Wallyson's Inc. Abe Lincon
Bldg**
Seattle, WA USA
CenTrio: Seattle
133,160 sq ft - Space heating

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

Commercial—Office cont.

- **200 Cesar Chavez Silicon Labs - Block 4**
Austin, TX USA
Austin Energy
219,828 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



The Post

- **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



402 Dunsmuir

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



Rift Valley Transportation Building

- **470 Atlantic Ave. Independence Wharf**
Boston, MA USA
Vicinity Energy: Boston/Cambridge
338,000 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



555 Market St.

- **575 Market St.**
San Francisco, CA USA
Clearway Community Energy: San Francisco
472,564 sq ft - Space heating, Domestic hot water



575 Market St.

- **60 South 6th St RBC Plaza**
Minneapolis, MN USA
Clearway Community Energy: Minneapolis
710,332 sq ft - Space heating

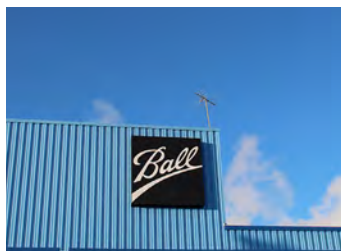
- **600 Chestnut Baycrest PLB Realty LLC**
Philadelphia, PA USA
Vicinity Energy: Philadelphia
534,000 sq ft - Space heating
- **750 E Pratt St 750 East Pratt Street Chilled Water Renewal**
Baltimore, MD USA
Vicinity Energy: Baltimore
338,688 sq ft - Space cooling
- **838 Market Street**
Philadelphia, 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



Ball Metal Beverage Container Corp.

- **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



The Post

- **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, Process

- **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, Humidifi-
cation

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

Hotel

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



YWCA Hotel Vancouver

Residential

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



Kathys House MRM

- **10 Rittenhouse Sq**
Philadelphia, PA USA
Vicinity Energy: Philadelphia
561,000 sq ft - Space heating
- **100 S. Commons Faros Properties**
Pittsburgh, PA USA
Clearway Community Energy: Pittsburgh
1,511,000 sq ft - Space heating, Space cooling
- **101 S. 2nd St. #2 Executive House**
Harrisburg, PA USA
Clearway Community Energy: Pittsburgh
150,000 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
- **1188 Mission St Trinity Place**
San Francisco, CA USA
Clearway Community Energy: San Francisco
309,000 sq ft - Space heating, Domestic hot water



Alma Clark Glass Hall



1188 Mission

Residential cont.

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



1190 Mission

- **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, 1462 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
Ever-Green Energy
196,000 sq ft - Space cooling



Gallery Towers Condos

- **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



3075 Trafalgar

- **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



Riverwalk

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



River District Energy - Currents

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



River District Energy - Avalon 3

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



River District Energy - Alder

- **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



Cascade City

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



Mirvish Village

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



Sewells Landing

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



Escondido Village

- **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

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



The Pacific

- **9200 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



Camden Walk

- **Creighton University Creighton Residence Hall**
Omaha, NE USA
Clearway Community Energy:
Omaha
120,752 sq ft - Space heating,
Space cooling

- **Linda Ray Apartments**
Seattle, WA USA
CenTrio: Seattle
52,000 sq ft - Space heating,
Domestic hot water

- **The Josephinum**
Seattle, WA USA
CenTrio: Seattle
124,910 sq ft - Space heating

School, Hospital, Institution

- **050 Wishard Blvd Health Science**
Indianapolis, IN USA
Citizens Thermal Energy
120,000 sq ft - Space heating

- **1101 Chestnut St**
Philadelphia, PA USA
Vicinity Energy: Philadelphia
500,000 sq ft - Space heating

- **1201 Rollins St Nextgen Precision Health Institute**
Columbia, MO USA
University of Missouri -
Columbia
230,109 sq ft - Space heating,
Space cooling, Domestic hot
water, Humidification, Process,
Kitchen Refrigeration



University of Missouri NextGen

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

- **20 Staniford 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, Humidifica-
tion, 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



Vandry

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

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,
Space cooling, Domestic hot
water



Gates Center

- **3980 15th NE Ave, Seattle WA**
UW Population Health (Hans
Rosling Center)
Seattle, WA USA
University of Washington
288,335 sq ft - Space heating,
Space cooling, Domestic hot
water



Hans Rosling Center

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



University of Wyoming Science Initiative

- **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,
Domestic hot water



Thompson Rivers University

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

- **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,
Space cooling

- **University of Rochester**
Middle Campus
Hellen Wood Hall
Rochester, NY USA
University of Rochester
29,811 sq ft - Space heating,
Space cooling, Domestic hot
water, Humidification, Process



University of Rochester Energy - Hellen Wood Hall

- **Swedish MC - 21386**
Seattle, WA USA
CenTrio: Seattle
1,639,334 sq ft - Space heating,
Domestic hot water, Process

- **Swedish MC - Nordstrom**
Seattle, WA USA
CenTrio: Seattle
215,923 sq ft - Space heating,
Domestic hot water, Process

Other

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



West Campus Energy Plant

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



Rift Valley Transportation Building

- **Elephant & Castle Pub**
Seattle, WA USA
CenTrio: Seattle
11,500 sq ft - Space heating,
Domestic hot water, Kitchen

Commercial—Mixed Use

- **Al Taif Investments**
Fujairah, UAE
EMICOOL
361,349 sq ft - Space cooling



Fujairah Business Center

- **Red Sea Development**
Umluj/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

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



Galleria Mall

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



The Walk Retail

- **Discovery Garden Pavilion**
Dubai, UAE
Empower (Emirates Central Cooling Systems Corporation)
86,000 sq ft - Space cooling

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



Mango Hypermarket

- **Penrose Management**
Dubai, UAE
EMICOOL
19,690 sq ft - Space cooling



Al Madinat Hypermarket

- **International City Pavilion**
Dubai, UAE
Empower (Emirates Central Cooling Systems Corporation)
101,000 sq ft - Space cooling

- **Badrah Manara Pavilion**
Dubai, UAE
Empower (Emirates Central Cooling Systems Corporation)
82,000 sq ft - Space cooling

- **Jumeirah Park Pavilion**
Dubai, UAE
Empower (Emirates Central Cooling Systems Corporation)
83,000 sq ft - Space cooling

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

Commercial—Other

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



Dragon Mart Mall

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



Al Khail Avenue Mall

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



Circle Mall

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



Nakheel Mall

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



Floresta Gardens Tower - Retail

Commercial—Other cont.

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



Giardino Mall

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



Marina Workshop

- **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



United School

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



Dragon Mart Mall

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



Four Seasons Hotel

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



Rosewood

- **Kempinski Hotel & Hotel Apartments**
Muscat, Oman
National Central Cooling Company PJSC: Tabreed
75,900 sq ft - Space cooling



Kempinski Hotel & Hotel Apartments

- **Mysk Hotel**
Muscat, Oman
National Central Cooling Company PJSC: Tabreed
19,550 sq ft - Space cooling



Mysk Al Mouj

- **Triple Range Investment LTD**
Dubai, UAE
National Central Cooling Company PJSC: Tabreed
7,632 sq ft - Space cooling

- **Al Taif Investments**
Fujairah, UAE
EMICOOL
567,868 sq ft - Space cooling



Fujairah Business Center

- **Marsa Arabia**
Doha, Qatar
Qatar Cool
881,068 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
7,980 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
7,999 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
8,000 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
8,906 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

- **Shamsudheen Binmohedeen**
Dubai, UAE
EMICOOL
61,870 sq ft - Space cooling



Shamsudheen Binmohedeen

- **Nara Trading**
Dubai, UAE
EMICOOL
108,815 sq ft - Space cooling



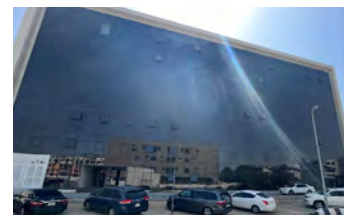
Nara Trading

- **Union Contracting**
Dubai, UAE
EMICOOL
215,447 sq ft - Space cooling



Union Contracting

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



Makaseb 2 Real Estate Investments SPV Limited

Residential cont.

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



Makaseb

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



Makaseb

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



Lootah Investment L.L.C

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



Abdulhalim AA Muwahid & Abdulrahman Mohd Taher Mohd Wali

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



Titans Real Estate Developers L.L.C

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



Damac Hills

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



Damac Hills

- **Damac Crescent Properties L.L.C**
Dubai, UAE
EMICOOL
206,484 sq ft - Space cooling



Golf Vita

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



Fujairah Business Center

- **Badrah Manara Buildings**
Dubai, UAE
Empower (Emirates Central Cooling Systems Corporation)
495,000 sq ft - Space cooling

- **Jumeirah Island Villas (736 Villas)**
Dubai, UAE
Empower (Emirates Central Cooling Systems Corporation)
6,307,100 sq ft - Space cooling



Jumeirah Island

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

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



Dubai Investments Real Estate

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



Multaqa

Residential cont.

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



Multaqa

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



Garden View Villas

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



The Gardens Buildings

- **BNV 09**
Doha, Qatar
Qatar Cool
9,687 sq ft - Space cooling



BNV 09

- **BNV 13**
Doha, Qatar
Qatar Cool
8,072 sq ft - Space cooling



BNV 13

- **BNV 14**
Doha, Qatar
Qatar Cool
13,239 sq ft - Space cooling



BNV 14

- **BNV 20-21-22-23**
Doha, Qatar
Qatar Cool
36,489 sq ft - Space cooling



BNV 20-21-22-23

- **BNV 39**
Doha, Qatar
Qatar Cool
8,072 sq ft - Space cooling



BNV 39

- **CM 01**
Doha, Qatar
Qatar Cool
16,468 sq ft - Space cooling



CM 01

- **Cooling Services Agreement -PA 19**
Doha, Qatar
Qatar Cool
968,751 sq ft - Space cooling



Cooling Services Agreement -PA 19

- **Floresta Gardens Tower-102**
Doha, Qatar
Qatar Cool
258,979 sq ft - Space cooling



FG 102

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



FG 103

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



FG 110

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



GV

- **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 1

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



GVV 12

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



GVV 2

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



GVV 3

- **GVV 93**
Doha, Qatar
Qatar Cool
9,687 sq ft - Space cooling

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



LPS 05

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



LPC 40

- **LPE 18**
Doha, Qatar
Qatar Cool
8,395 sq ft - Space cooling



LPE 18

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



LPE 42

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

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



LPS 29

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

- **LPW 29**
Doha, Qatar
Qatar Cool
24,864 sq ft - Space cooling

- **LPW 30**
Doha, Qatar
Qatar Cool
23,572 sq ft - Space cooling

School, Hospital, Institution

- **Cleveland Clinic**
Abu Dhabi, UAE
National Central Cooling
Company PJSC: Tabreed
400,096 sq ft - Space cooling



Cleveland Clinic

- **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



Dubai International Airport

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



Gulfex Trading

Plan to submit your calendar 2022 growth data.

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>



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