

# District Energy Space 2018



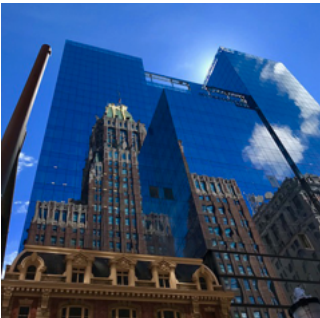
## Spotlighting Industry Growth

**2018: More than 113 million square feet reported**  
*Over 2.3 billion square feet reported since 1990*

# District Energy Space 2018

## Industry Growth around the World

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



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

This issue features a compilation of data provided by our members including the number of buildings and their area in square feet that have been committed or recommitted to district energy service in North America during calendar year 2018, or previously unreported for recent years.

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

Established in 1909, the International District Energy Association (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 2,400 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.

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

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

*District Energy Space* not only enables IDEA to document the year-to-year growth experienced by our member systems, but also can be a valuable marketing asset for your organization. Every year at the IDEA Annual Conference, IDEA will recognize and present awards to those systems submitting the greatest amount of total square footage and the greatest number of total buildings for the previous year for both North America and Beyond North America.

*District Energy Space 2018* and previous issues are available in PDF format by downloading from IDEA's Web site, <http://www.districtenergy.org/district-energy-space>



# Summary for 2018

## North America

Our members reported that they committed or recommitted **174** customer buildings in North America totaling **64,021,207** square feet (sq ft) of building space to district energy service during 2018 or were previously unreported. That compares with **190** buildings and **50,028,785** sq ft during 2017.

The North America total of **64,021,207** sq ft added in 2018 to IDEA's running total of square footage of **801,692,809** sq ft committed to North American district energy systems since 1990, brings the current total for North America reported since 1990 to **865,692,809** 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 **156** buildings and **49,962,277** sq ft were reported for 2018. That compares with **243** buildings and **59,058,274** sq ft during 2017.

The Beyond North America total of **49,962,277** sq ft added in 2018 to IDEA's running total of square footage of **1,430,571,569**

Beyond North America since 2004, brings the Beyond North America total reported since 2004 to **1,480,533,846** sq ft.

## Totals: North America and Beyond North America

The combined building area reported added during 2018 in North America and Beyond North America is **113,983,484** sq ft. The total building area added, as reported to *District Energy Space* by our members since our tally began is **113,983,484 + 2,227,264,377 = 2,341,247,861** sq ft.

## Stand Up and Be Recognized for 2019

Make plans now to photograph and enter your customer buildings that commit or recommit for your district energy service during calendar year 2018! The deadline for submittal of buildings for 2019 is **Fri., April 17, 2020**.

Continuing our tradition, during the IDEA 111th annual conference in Washington, D.C., June 22-25, 2020, IDEA will congratulate and present awards to those systems reporting the largest growth for calendar 2019 for both North America and Beyond North America. We look forward to seeing you there!

## 2018 New Square Footage Reported\*

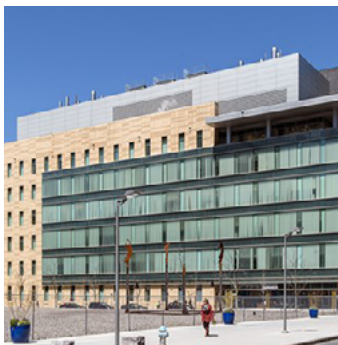
Category	North America	Beyond North America
Commercial-Mixed Use	5,094,042	6,134,137
Commercial-Office	13,407,716	-
Commercial-Retail/Manufacturing	500,343	119,283
Commercial-Other	649,703	4,398,120
Entertainment, Cultural or Sporting Center	4,183,792	-
Government	5,005,000	14,986
Hotel	3,831,639	4,524,415
Residential	5,959,618	29,522,791
School, Hospital or Institution	24,427,121	224,268
Other	962,233	5,024,278
<b>Square Footage Reported 2018</b>	<b>64,021,207</b>	<b>49,962,277</b>

**2018 Total Reported in North America and Beyond North America 113,983,484**

\* All entries are newly signed, connected or renewed customers during calendar year 2018 (*Renewal* means contractually recommitted to a long-term service agreement of 10 years or greater.)

## Commercial—Mixed Use

- **100 E Pratt**  
Baltimore, MD  
Veolia Energy Baltimore  
635,297 sq ft - space heating,  
domestic hot water, humidifi-  
cation
- **100 Light**  
Baltimore, MD  
Veolia Energy Baltimore  
561,914 sq ft - space heating,  
domestic hot water, humidifi-  
cation
- **114 W. 11th**  
Kansas City, MO  
Kansas City District Energy  
Network  
108,756 sq ft - space cooling
- **3000 Market LP**  
Philadelphia, PA  
Veolia Energy Philadelphia  
207,000 sq ft - space heating
- **380 Stuart Street**  
Boston, MA  
Veolia Energy Boston  
140,000 sq ft - space heating
- **801 Market**  
Philadelphia, PA  
Veolia Energy Philadelphia  
616,379 sq ft - space heating
- **Biomed Realty Trust - 500  
Kendall Street**  
Cambridge, MA  
Veolia Energy Boston  
350,000 sq ft - space heating,  
space cooling, domestic hot  
water
- **Biomed Realty Trust - 675  
Kendall Street**  
Cambridge, MA  
Veolia Energy Boston  
300,000 sq ft - space heating,  
domestic hot water, process



Veolia Energy Boston – Biomed Realty Trust  
675 Kendall Street

- **Equinox**  
Boston, MA  
Veolia Energy Boston  
40,000 sq ft - space heating,  
domestic hot water, process



Veolia Energy Boston – Equinox

- **SRI Eleven 1818 Market  
Street LP**  
Philadelphia, PA  
Veolia Energy Philadelphia  
1,143,050 sq ft - space heating
- **Mass Bar Association 20 West**  
Boston, MA  
Veolia Energy Boston  
23,928 sq ft - space heating,  
domestic hot water
- **Ten Penn Center Associates,  
L.P.**  
Philadelphia, PA  
Veolia Energy Philadelphia  
721,408 sq ft - space heating,  
domestic hot water
- **The Philadelphia Building  
Associates, LLC**  
Philadelphia, PA  
Veolia Energy Philadelphia  
246,310 sq ft - space heating

## Commercial—Office

- **100 Federal Street**  
Boston, MA  
Veolia Energy Boston  
1,592,556 sq ft - space heating,  
space cooling, domestic hot  
water
- **110 N. Wacker**  
Chicago, IL  
Enwave Chicago  
1,770,000 sq ft - space cooling
- **111 N. State**  
Chicago, IL  
Enwave Chicago  
750,000 sq ft - space cooling

- **125 S. Clark**  
Chicago, IL  
Enwave Chicago  
494,967 sq ft - space cooling
- **133 Federal Street**  
Boston, MA  
Veolia Energy Boston  
120,000 sq ft - space heating,  
domestic hot water
- **1500 Market**  
Philadelphia, PA  
Veolia Energy Philadelphia  
1,200,000 sq ft - space heating,  
domestic hot water
- **1816 Chestnut Street  
Corporation**  
Philadelphia, PA  
Veolia Energy Philadelphia  
67,493 sq ft - space heating
- **1835 Market**  
Philadelphia, PA  
Veolia Energy Philadelphia  
595,000 sq ft - space heating
- **200 Berkeley Street**  
Boston, MA  
Veolia Energy Boston  
747,000 sq ft - space heating,  
domestic hot water
- **200 Clarendon Street -  
Hancock Tower**  
Boston, MA  
Veolia Energy Boston  
1,700,000 sq ft - space heating,  
domestic hot water
- **2000 Market**  
Philadelphia, PA  
Veolia Energy Philadelphia  
661,909 sq ft - space heating,  
space cooling, domestic hot  
water

- **79 W. Monroe**  
Chicago, IL  
Enwave Chicago  
173,612 sq ft - space cooling
- **American Red Cross**  
St. Paul, MN  
District Energy St Paul  
63,700 sq ft - space heating,  
domestic hot water
- **Beneficial Bank**  
Philadelphia, PA  
Veolia Energy Philadelphia  
29,500 sq ft - space heating
- **Comcast II**  
Philadelphia, PA  
Veolia Energy Philadelphia  
1,094,212 sq ft - space heating

- **Denning House**  
Stanford, CA  
Stanford University  
18,300 sq ft - space heating,  
space cooling, domestic hot  
water, humidification, kitchen,  
refrigeration



Stanford University – Denning House

- **Domain 3 Office Building**  
Austin, TX  
Austin Energy  
179,006 sq ft - space cooling
- **Domain 4 Office Building**  
Austin, TX  
Austin Energy  
152,922 sq ft - space cooling
- **Domain 7 Office Building**  
Austin, TX  
Austin Energy  
221,973 sq ft - space cooling
- **Evangelical Lutheran Church**  
Philadelphia, PA  
Veolia Energy Philadelphia  
10,500 sq ft - space heating
- **Gilbert Building**  
St. Paul, MN  
District Energy St. Paul  
35,000 sq ft - space cooling



District Energy St. Paul – Gilbert Building

## Commercial—Office cont.

- **Hiway Federal Credit Union**  
St. Paul, MN  
District Energy St. Paul  
52,000 sq ft - space heating
- **Huntington Bank Building**  
Cincinnati, OH  
ISQ CoolCo, LLC  
394,366 sq ft - space cooling
- **Jewelry Trade Center**  
Philadelphia, PA  
Veolia Energy Philadelphia  
18,550 sq ft - space heating
- **Metro West**  
Baltimore, MD  
Veolia Energy Baltimore  
1,100,000 sq ft - space heating,  
space cooling, domestic hot  
water, humidification
- **One Light Street**  
Baltimore, MD  
Veolia Energy Baltimore  
155,000 sq ft - space heating,  
space cooling, domestic hot  
water, humidification



Veolia Energy Baltimore – One Light Reflections

- **Philadelphia County Medical Society**  
Philadelphia, PA  
Veolia Energy Philadelphia  
10,150 sq ft - space heating

## Commercial—Retail/Manufacturing

- **Rainey Street Market Place**  
Austin, TX  
Austin Energy  
118,955 sq ft - space cooling
- **National Chemical Labs**  
Philadelphia, PA  
Veolia Energy Philadelphia  
131,388 sq ft - space heating,  
process
- **Harborplace**  
Baltimore, MD  
Veolia Energy Baltimore  
250,000 sq ft - space cooling,  
refrigeration

## Commercial—Other

- **150 N. Dearborn**  
Chicago, IL  
Enwave Chicago  
48,000 sq ft - space cooling
- **Bass Biology Building**  
Stanford, CA  
Stanford University  
161,322 sq ft - space heating,  
space cooling, domestic hot  
water, humidification, process,  
kitchen, refrigeration



Stanford University – Bass Biology Building

- **Excellus Blue Cross/Blue Shield**  
Rochester, NY  
Rochester District Heating  
Cooperative Inc.  
302,484 sq ft - space heating,  
domestic hot water



Rochester District Heating Cooperative Inc. – Excellus Blue Cross/Blue Shield

- **Macys Boston, MA**  
Veolia Energy Boston  
50,000 sq ft - space heating
- **Shear GRI Meridian**  
Indianapolis, IN  
Citizens Thermal Energy  
56,000 sq ft - space cooling
- **Sugarfire BBQ**  
Indianapolis, IN  
Citizens Thermal Energy  
5,000 sq ft - space cooling
- **Talman Building**  
Rochester, NY  
Rochester District Heating  
Cooperative Inc.  
26,897 sq ft - space heating



Rochester District Heating Cooperative Inc. – Talman Building

## Entertainment, Cultural or Sporting Center

- **24 W. Randolph**  
Chicago, IL  
Enwave Chicago  
74,891 sq ft - space cooling
- **Academy of Natural Sciences**  
Philadelphia, PA  
Veolia Energy Philadelphia  
250,000 sq ft - space heating
- **Blanton Museum Ellsworth Kelly**  
Austin, TX  
University of Texas at Austin  
5,555 sq ft - space heating,  
space cooling



University of Texas at Austin – Ellsworth Kelly

- **Creators Space**  
St. Paul, MN  
District Energy St. Paul  
30,660 sq ft - space heating,  
space cooling, domestic hot  
water
- **Grand Lodge of Masons**  
Boston, MA  
Veolia Energy Boston  
111,012 sq ft - space heating,  
domestic hot water
- **High Altitude Performance Center (addition to the Rochell Athletic Center)**  
Laramie, WY  
University of Wyoming  
79,422 sq ft - space heating,  
space cooling, domestic hot  
water, kitchen, refrigeration



University of Wyoming – High Altitude Performance Center



## Entertainment, Cultural or Sporting Center cont.

- **John F. Kennedy Community Center**  
Philadelphia, PA  
Veolia Energy Philadelphia  
106,218 sq ft - space heating
- **Kimmel Center, Inc.**  
Philadelphia, PA  
Veolia Energy Philadelphia  
144,080 sq ft - space heating
- **Maryland Stadium Authority**  
Baltimore, MD  
Veolia Energy Baltimore  
2,800,000 sq ft - space heating, space cooling, domestic hot water, humidification, kitchen, refrigeration
- **Oklahoma City Convention Center**  
Oklahoma City, OK  
Oklahoma City District Energy Network  
500,000 sq ft - space heating, space cooling
- **Rochell Athletic Center**  
Laramie, WY  
University of Wyoming  
47,500 sq ft - space cooling, process
- **Texas Tennis Center**  
Austin, TX  
University of Texas at Austin  
24,053 sq ft - space heating, space cooling
- **Wilbur Theater**  
Boston, MA  
Veolia Energy Boston  
10,401 sq ft - space heating

## Government

- **City of Baltimore**  
Baltimore, MD  
Veolia Energy Baltimore  
2,500,000 sq ft - space heating, space cooling, domestic hot water, humidification
- **EJS Courthouse**  
Cambridge, MA  
Veolia Energy Boston  
595,000 sq ft - space heating

- **Federal GSA**  
Baltimore, MD  
Veolia Energy Baltimore  
1,200,000 sq ft - space heating, space cooling, domestic hot water, humidification
- **Registry of Deeds**  
Cambridge, MA  
Veolia Energy Boston  
60,000 sq ft - space heating



Veolia Energy Boston – Registry of Deeds

- **United State Mint**  
Philadelphia, PA  
Veolia Energy Philadelphia  
650,000 sq ft - space heating, humidification, process

## Hotel

- **225 N. Wabash**  
Chicago, IL  
Enwave Chicago  
116,149 sq ft - space cooling
- **320 S. Plymouth**  
Chicago, IL  
Enwave Chicago  
162,000 sq ft - space cooling
- **520 N. Michigan - Gwen Hotel**  
Chicago, IL  
Enwave Chicago  
148,743 sq ft - space cooling

- **Downtown Austin Marriott**  
Austin, TX  
Austin Energy  
810,000 sq ft - space cooling

- **Embassy Suites**  
Philadelphia, PA  
Veolia Energy Philadelphia  
325,250 sq ft - space heating, domestic hot water

- **Four Seasons**  
Boston, MA  
Veolia Energy Boston  
584,000 sq ft - space heating, domestic hot water, process, kitchen

- **Intercontinental Hotel and Residences**  
Boston, MA  
Veolia Energy Boston  
252,607 sq ft - space heating, space cooling, domestic hot water, kitchen

- **Loews Hotel**  
Kansas City, MO  
Kansas City District Energy Network  
680,000 sq ft - space heating, space cooling, domestic hot water

- **Omni Parker House**  
Boston, MA  
Veolia Energy Boston  
282,625 sq ft - space heating, domestic hot water, process, kitchen

- **The Westin**  
Philadelphia, PA  
Veolia Energy Philadelphia  
256,265 sq ft - space heating, domestic hot water

- **UT MD Anderson Cancer Center**  
Houston, TX  
Thermal Energy Corporation  
214,000 sq ft - space heating, space cooling, domestic hot water

## Residential

- **520 Park Avenue**  
1500 Locust  
Philadelphia, PA  
Veolia Energy Philadelphia  
614,080 sq ft - space heating

- **20 Greenbaum Street**  
Boston, MA  
Veolia Energy Boston  
210,000 sq ft - space heating, domestic hot water

- **210 Lincoln Street**  
Boston, MA  
Veolia Energy Boston  
30,000 sq ft - space heating

- **25 E. Superior**  
Chicago, IL  
Enwave Chicago  
13,775 sq ft - space cooling

- **Bonny Castle House**  
Charlottesville, VA  
University of Virginia  
37,803 sq ft - space cooling

- **Dabney House**  
Charlottesville, VA  
University of Virginia  
37,803 sq ft - space cooling

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

- **Housing Authority of Baltimore**  
Baltimore, MD  
Veolia Energy Baltimore  
3,000,000 sq ft - space heating, domestic hot water, kitchen

- **Jax Building**  
St. Paul, MN  
District Energy St. Paul  
60,000 sq ft - space heating, space cooling



District Energy St. Paul – Jax Building

- **Kent House**  
Charlottesville, VA  
University of Virginia  
41,161 sq ft - space cooling

- **Larson Football Performance Center**  
Minneapolis, MN  
University of Minnesota  
193,206 sq ft - space heating, space cooling, domestic hot water, humidification, kitchen



University of Minnesota – Larson Football Performance Center

## Residential cont.

- **Lofts at R7**  
St. Paul, MN  
District Energy St. Paul  
40,975 sq ft - space heating,  
space cooling, domestic hot  
water
- **MUHC Emergency Room  
Addition**  
Columbia, MO  
University of Missouri  
16,900 sq ft - space heating,  
space cooling, humidification,  
process



University of Missouri – HC ER 2

- **One Light Street**  
Baltimore, MD  
Veolia Energy Baltimore  
625,941 sq ft - space heating,  
space cooling, domestic hot  
water, humidification



Veolia Energy Baltimore – One Light Reflections

- **Residence of the Phoenix**  
Philadelphia, PA  
Veolia Energy Philadelphia  
472,338 sq ft - space heating,  
domestic hot water
- **St James**  
Philadelphia, PA  
Veolia Energy Philadelphia  
665,742 sq ft - space heating,  
domestic hot water
- **Stewart Hall Renovation /  
Addition**  
Columbia, MO  
University of Missouri  
68,618 sq ft - space heating,  
space cooling, humidification



University of Missouri Stewart Hall 2

## School, Hospital, Institution

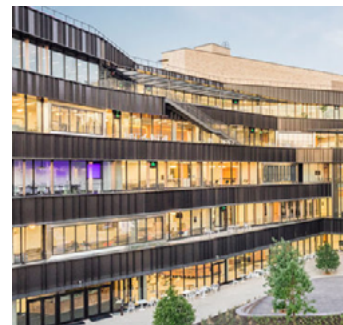
- **247 S. State**  
Chicago, IL  
Enwave Chicago  
272,233 sq ft - space cooling
- **Baltimore City Public Schools**  
Baltimore, MD  
Veolia Energy Baltimore  
400,000 sq ft - space heating,  
domestic hot water, humidifi-  
cation, kitchen
- **Engineering Education and  
Research Center**  
Austin, TX  
University of Texas at Austin  
454,422 sq ft - space heating,  
space cooling
- **Houston Community College II**  
Houston, TX  
Thermal Energy Corporation  
245,800 sq ft - space heating,  
space cooling, domestic hot  
water

- **Memorial Gymnasium**  
Charlottesville, VA  
University of Virginia  
82,789 sq ft - space cooling
- **Memorial Hermann Hospital**  
Houston, TX  
Thermal Energy Corporation  
2,158,258 sq ft - space heating,  
space cooling, domestic hot  
water
- **Memorial Hermann Tower II**  
Houston, TX  
Thermal Energy Corporation  
1,000,000 sq ft - space heating,  
space cooling, domestic hot  
water
- **Methodist Hospital NCE  
Houston, TX**  
Thermal Energy Corporation  
1,150,000 sq ft - space heating,  
space cooling, domestic hot  
water
- **Novartis Institutes for  
Biomedical Research**  
Cambridge, MA  
Veolia Energy Boston  
255,441 sq ft - domestic hot  
water, process
- **Pavilion III**  
Charlottesville, VA  
University of Virginia  
4,672 sq ft - space cooling
- **Pavilion V**  
Charlottesville, VA  
University of Virginia  
6,738 sq ft - space cooling



District Energy St. Paul – Regions Hospital

- **Robert B. Rowling Hall**  
Austin, TX  
University of Texas at Austin  
346,779 sq ft - space heating,  
space cooling



University of Texas at Austin – Rowling Hall

- **St. Paul Opportunity Center**  
St. Paul, MN  
District Energy St. Paul  
170,000 sq ft - space heating,  
space cooling, refrigeration,  
snow melt



District Energy St. Paul – St. Paul Opportunity Center

- **Texas Children's Hospital**  
Houston, TX  
Thermal Energy Corporation  
3,441,737 sq ft - space heating,  
space cooling, domestic hot  
water
- **Texas Children's Hospital  
Pavilion Expansion**  
Houston, TX  
Thermal Energy Corporation  
646,000 sq ft - space heating,  
space cooling, domestic hot  
water

- **Tufts University and Medical Center Campus**  
Boston, MA  
Veolia Energy Boston  
2,500,000 sq ft - space heating, space cooling, domestic hot water, humidification, process, kitchen

- **University of Texas Health Science Center**  
Houston, TX  
Thermal Energy Corporation  
2,601,000 sq ft - space heating, space cooling, domestic hot water

- **University Press Warehouse**  
Charlottesville, VA  
University of Virginia  
8,277 sq ft - space heating, space cooling

- **UT MD Anderson Cancer Center Houston, TX**  
Thermal Energy Corporation  
7,587,551 sq ft - space heating, space cooling, domestic hot water

- **Veteran's Administration**  
Baltimore, MD  
Veolia Energy Baltimore  
500,000 sq ft - space heating, domestic hot water, humidification, process, kitchen

- **Whitehead Institute**  
Cambridge, MA  
Veolia Energy Boston  
200,000 sq ft - process

### Other

- **Blackwall Hitch**  
Baltimore, MD  
Veolia Energy Baltimore  
10,000 sq ft - space cooling, kitchen

- **East Campus Garage**  
Austin, TX  
University of Texas at Austin  
737,877 sq ft - space heating, space cooling

- **Pazzaluna**  
St. Paul, MN  
District Energy St. Paul  
12,660 sq ft - space heating, space cooling, refrigeration, snow melt



District Energy St. Paul - Pazzaluna

- **Rowling Hall Garage**  
Austin, TX  
University of Texas at Austin  
201,696 sq ft - space heating, space cooling



## Commercial—Mixed Use

- **Abdulahim Arjumand\_598-104**  
Dubai, UAE  
Emicool  
11,414 sq ft - space cooling
- **Abdulahim Arjumand\_ 598-103**  
Dubai, UAE  
Emicool  
12,135 sq ft - space cooling
- **Golden Tools Trading LLC**  
Dubai, UAE  
Emicool  
12,912 sq ft - space cooling



Emicool – Golden Tools Trading LLC

- **Fakhree Centre LLC**  
Dubai, UAE  
Emicool  
26,896 sq ft - space cooling
- **Best Brand FZE**  
Dubai, UAE  
Emicool  
32,280 sq ft - space cooling
- **Additional Building at Dubai Science Park**  
Dubai, UAE  
Empower  
437,500 sq ft - space cooling
- **Additional Building at Tecom C**  
Dubai, UAE  
Empower  
560,000 sq ft - space cooling
- **One Zaabeel**  
Dubai, UAE  
Empower  
3,871,000 sq ft - space cooling



Empower – One Zaabeel

## Commercial—Retail/Manufacturing

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

## Commercial—Other

- **Sung Wong Toi MTR Station**  
Hong Kong, China  
Hong Kong District Cooling Co Ltd  
196,020 sq ft - space cooling
- **City Land Mall**  
Dubai, UAE  
Empower  
4,202,100 sq ft - space cooling

## Government

- **Sung Wong Toi MTR Station**  
Hong Kong, China  
Hong Kong District Cooling Co Ltd  
196,020 sq ft - space cooling

- **City Land Mall**  
Dubai, UAE  
Empower  
4,202,100 sq ft - space cooling

## Hotel

- **Deira Waterfront Project**  
Dubai, UAE  
Empower  
174,489 sq ft - space cooling
- **Additional Buidings at Palm Jumeirah Trunk**  
Dubai, UAE  
Empower  
411,250 sq ft - space cooling
- **Additional Buiding at JBR (The Address Hotel)**  
Dubai, UAE  
Empower  
1,950,000 sq ft - space cooling

- **Atlantis The Palm – Phase 2**  
Dubai, UAE  
Empower  
1,988,676 sq ft - space cooling



Empower – Atlantis the Palm – Phase 2

## Residential

- **Giardino Villa Village - 46**  
Doha, Qatar  
Qatar Cool  
4,563 sq ft - space cooling



Qatar Cool – Giardino Villa Village - 46

- **La Plage Villa East - 38**  
Doha, Qatar  
Qatar Cool  
6,684 sq ft - space cooling



Qatar Cool – La Plage Villa East - 38

- **La Plage Villa East - 15**  
Doha, Qatar  
Qatar Cool  
6,975 sq ft - space cooling



Qatar Cool – La Plage Villa East - 15

- **La Plage Villa East - 15**  
Doha, Qatar  
Qatar Cool  
6,975 sq ft - space cooling

- **La Plage Villa Centrale - 31**  
Doha, Qatar  
Qatar Cool  
7,136 sq ft - space cooling



Qatar Cool – La Plage Villa Centrale – 31

- **La Plage Villa Centrale - 35**  
Doha, Qatar  
Qatar Cool  
7,136 sq ft - space cooling



Qatar Cool – La Plage Villa Centrale - 35

- **La Plage Villa Centrale - 02**  
Doha, Qatar  
Qatar Cool  
7,847 sq ft - space cooling



Qatar Cool – La Plage Villa Centrale - 02

- **Bahri Villa South - 29**  
Doha, Qatar  
Qatar Cool  
8,138 sq ft - space cooling



Qatar Cool – Bahri Villa South - 29

## Residential cont.

- **Bahri Villa South - 21**  
Doha, Qatar  
Qatar Cool  
8,428 sq ft - space cooling



Qatar Cool – Bahri Villa South - 21

- **La Plage Villa East - 7**  
Doha, Qatar  
Qatar Cool  
8,719 sq ft - space cooling
- **La Plage Villa Centrale - 44**  
Doha, Qatar  
Qatar Cool  
9,322 sq ft - space cooling
- **La Plage Villa Centrale - 43**  
Doha, Qatar  
Qatar Cool  
9,548 sq ft - space cooling
- **Bahri Villa South - 26**  
Doha, Qatar  
Qatar Cool  
10,172 sq ft - space cooling



Qatar Cool – Bahri Villa South - 26

- **Bahri Villa South - 32**  
Doha, Qatar  
Qatar Cool  
10,172 sq ft - space cooling



Qatar Cool – Bahri Villa South - 32

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

- **Bahri Villa South - 45**  
Doha, Qatar  
Qatar Cool  
10,990 sq ft - space cooling



Qatar Cool – Bahri Villa South - 45

- **La Plage Villa West - 20, 21 & 22**  
Doha, Qatar  
Qatar Cool  
12,209 sq ft - space cooling

- **Bahri Villa South - 53**  
Doha, Qatar  
Qatar Cool  
16,740 sq ft - space cooling

- **Bahri Villa North - 16 & 17**  
Doha, Qatar  
Qatar Cool  
18,019 sq ft - space cooling

- **Bahri Villa North - 15**  
Doha, Qatar  
Qatar Cool  
21,492 sq ft - space cooling

- **La Plage Villa East - 39, 40 & 41**  
Doha, Qatar  
Qatar Cool  
22,088 sq ft - space cooling

- **La Plage Villa East - 29 & 30**  
Doha, Qatar  
Qatar Cool  
24,316 sq ft - space cooling



Qatar Cool – La Plage Villa East - 29 & 30

- **La Plage Villa East - 14**  
Doha, Qatar  
Qatar Cool  
26,839 sq ft - space cooling

- **Bahri Villa North - 14**  
Doha, Qatar  
Qatar Cool  
26,839 sq ft - space cooling



Qatar Cool – Bahri Villa North - 14

- **Costa Malaz - 21, 22 & 23**  
Doha, Qatar  
Qatar Cool  
58,416 sq ft - space cooling

- **Fujairah National Construction Co. LLC**  
Dubai, UAE  
Emicool  
82,400 sq ft - space cooling



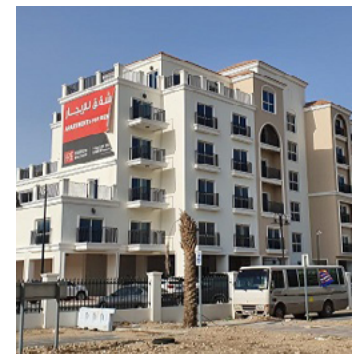
Emicool – Fujairah National Construction Co. LLC

- **Universal Global DMCC**  
Dubai, UAE  
Emicool  
84,181 sq ft - space cooling

- **Al Baraq Corporation FZCO**  
Dubai, UAE  
Emicool  
84,658 sq ft - space cooling

- **Ahmed Suhail Buti Alayali**  
Dubai, UAE  
Emicool  
86,928 sq ft - space cooling

- **National Properties LLC**  
Dubai, UAE  
Emicool  
221,279 sq ft - space cooling



Emicool – National Properties

- **Additional Building at Palm Jumeirah Crescent**  
Dubai, UAE  
Empower  
245,000 sq ft - space cooling



## Residential cont.

- **National Properties LLC**  
Dubai, UAE  
Emicool  
245,686 sq ft - space cooling
- **Arenco Real Estate Est.**  
Dubai, UAE  
Emicool  
298,950 sq ft - space cooling



Emicool – Arenco Real Estate Est.

- **Viva Bahriya – 19**  
Doha, Qatar  
Qatar Cool  
334,854 sq ft - space cooling



Qatar Cool – Viva Bahriya - 19

- **Viva Bahriya – 06**  
Doha, Qatar  
Qatar Cool  
339,827 sq ft - space cooling



Qatar Cool – Viva Bahriya - 06

- **Viva Bahriya - 08**  
Doha, Qatar  
Qatar Cool  
362,636 sq ft - space cooling
- **Porto Arabia – Parcel – 07B**  
Doha, Qatar  
Qatar Cool  
381,935 sq ft - space cooling
- **Union Properties PJSC**  
Dubai, UAE  
Emicool  
435,629 sq ft - space cooling



Emicool – Union Properties PJSC

- **Qatar Airways Residential Tower**  
Doha, Qatar  
Qatar Cool  
473,612 sq ft - space cooling
- **Abraj Quartier - 07**  
Doha, Qatar  
Qatar Cool  
567,031 sq ft - space cooling



Qatar Cool – Abraj Quartier

- **Viva Bahriya - 27&28**  
Doha, Qatar  
Qatar Cool  
890,282 sq ft - space cooling

- **Atlantis The Palm – Phase 2**  
Dubai, UAE  
Empower  
1,206,324 sq ft - space cooling



Empower – Atlantis the Palm – Phase 2

- **Al Barari Community**  
Dubai, UAE  
Empower  
1,466,150 sq ft - space cooling
- **Additional Buildings at Dubai Land Residence Complex**  
Dubai, UAE  
Empower  
4,237,882 sq ft - space cooling
- **Deira Waterfront Project**  
Dubai, UAE  
Empower  
17,117,031 sq ft - space cooling

## School, Hospital, Institution

- **Additional Buildings at Dubai Land Residence Complex**  
Dubai, UAE  
Empower  
224,268 sq ft - space cooling

## Other

- **Ahmed Alsuwaidi**  
Dubai, UAE  
Emicool  
20,681 sq ft - space cooling
- **Alshafar Steel Engineering LLC**  
Dubai, UAE  
Emicool  
53,502 sq ft - space cooling
- **Best Food Co. LLC**  
Dubai, UAE  
Emicool  
76,025 sq ft - space cooling
- **DNB Construction LLC**  
Dubai, UAE  
Emicool  
22,141 sq ft - space cooling

- **Doha Exhibition & Convention Centre Station**  
Doha, Qatar  
Qatar Cool  
340,358 sq ft - space cooling



Qatar Cool – Doha Exhibition & Convention Centre Station

- **Dubai Arena**  
Dubai, UAE  
Empower  
1,080,000 sq ft - space cooling
- **Hassani Trading Co.**  
Dubai, UAE  
Emicool  
48,757 sq ft - space cooling
- **Legtaifiya Station**  
Doha, Qatar  
Qatar Cool  
1,708,883 sq ft - space cooling
- **Naffco FZCO.**  
Dubai, UAE  
Emicool  
154,667 sq ft - space cooling
- **Shapoorji Pallonji International FZE**  
Dubai, UAE  
Emicool  
137,222 sq ft - space cooling

- **West Bay Station**  
Doha, Qatar  
Qatar Cool  
1,382,042 sq ft - space cooling



Qatar Cool – West Bay Station

# District Energy Space 2019

## Plan to submit your calendar 2019 growth data.

### Make plans now to photograph and enter your customer buildings that commit or recommit for your district energy service during 2019!

*The deadline for submittal of system growth data for calendar 2019 is Fri., April 17, 2020.*

Continuing our tradition, during the IDEA 111<sup>th</sup> Annual Conference in Washington, D.C., June 22-25, 2020, IDEA will congratulate and present awards to those systems reporting the largest growth for calendar 2019 for both North America and Beyond North America. We look forward to seeing you there!

To enter data for newly committed, recommitted or connected customers for calendar 2019, please download and complete the appropriate **North America** or **Beyond North America** Excel® template found at:

- **Submission Form – North America**  
<https://tinyurl.com/2019-North-America-Form>
- **Submission Form – Beyond North America**  
<https://tinyurl.com/2019-Beyond-North-America-Form>

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

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

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



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