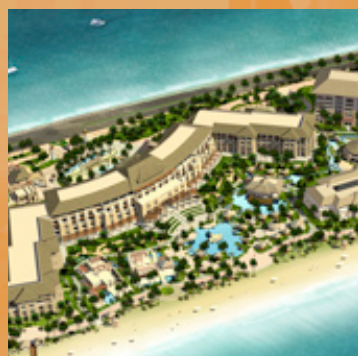


District Energy Space 2012



Spotlighting Industry Growth

More than 105.8 million square feet reported

District Energy Space 2012

Industry Growth around the World

Dedicated to the growth and utilization of district energy as a means 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 since 1990. 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 the calendar year 2012, or previously unreported for recent years.

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 1,700 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 reduce emissions to improve the global environment.

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. 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, domestic hot water, laundry, 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. During the IDEA 104th Annual Conference in Miami, Florida June 2–5, 2013, IDEA recognized and presented awards to those systems submitting the greatest amount of total square footage and the greatest number of total buildings for 2012 for both North America and Beyond North America. All systems submitting growth data will receive an IDEA *Certificate of Participation*.

District Energy Space 2012 and previous issues are available in PDF format by downloading from IDEA's Web site, <http://www.districtenergy.org/district-energy-space>

Summary for 2013

District Energy system growth has been good, despite the challenging global economy. Our members reported that **274** customer buildings in North America totaling **42,575,112** sq ft of building space were committed or recommitted to district energy service during 2012, or were previously unreported. That compares with 139 buildings and 23,725,157 square feet during 2011.

The North American total of **42,575,112** sq ft added to IDEA's running total of square footage of 542,186,444 sq ft committed to North American district energy systems since 1990, brings the current total for North America reported since 1990 to **584,761,556** sq ft.

IDEA is also pleased to be able to report strong system growth from beyond North America. An additional **521** buildings and **65,304,430**

sq ft were reported for 2012. That compares with 879 buildings and 57,547,901 sq ft during 2011.

Stand Up and Be Recognized for 2013

Make plans now to photograph and enter your customer buildings that commit or recommit for your district energy service during 2014! The deadline for submittal of buildings for 2013 is **Fri., April 11, 2014**.

Continuing our tradition, during the IDEA 105th annual conference in Seattle, Washington, June 8–11, 2014, IDEA will congratulate and present awards to those systems submitting the greatest amount of total square footage and the greatest number of total buildings for calendar year 2013 for both North America and Beyond North America. We look forward to seeing you there!

2012 New Square Footage Reported*

Category	North America	Beyond North America
Commercial-Mixed Use	4,284,220	17,082,863
Commercial-Office	5,139,822	2,875,169
Commercial-Retail/Manufacturing	1,315,888	3,447,807
Commercial-Other	2,000,000	1,021,419
Entertainment, Cultural or Sporting Center	1,205,892	6,236,260
Government	1,162,856	652,564
Hotel	1,698,500	12,831,647
Residential	3,353,727	20,800,801
School, Hospital or Institution	21,825,207	-0-
Other	319,000	355,899
Square Footage Reported 2012	42,575,112	63,304,430

2011 Total Reported in North America and Beyond North America 107,879,542

* All entries are newly signed, connected or renewed customers during calendar year 2012, (*Renewal* means contractually recommitted to a long-term service agreement of 10 years or greater.)

Commercial—Mixed Use

- **Medical Center**
New York, NY
Con Edison Steam Operations
3,100,000 sq ft—space heating,
domestic hot water
- **Woodward Gardens**
Detroit, MI
Detroit Thermal
77,000 sq ft—space heating,
domestic hot water



Woodward Gardens project

- **81 on 7th**
St. Paul, MN
District Energy St. Paul
67,500 sq ft—space heating,
space cooling



81 on 7th

- **Pioneer-Endicott**
St. Paul, MN
District Energy St. Paul
385,600 sq ft—space cooling
- **Market House**
St. Paul, MN
District Energy St. Paul
105,000 sq ft—space heating,
space cooling, domestic hot
water

- **Park Square Court**
St. Paul, MN
District Energy St. Paul
67,500 sq ft—space heating,
space cooling
- **Woods Chocolate**
St. Paul, MN
District Energy St. Paul
27,120 sq ft—space heating,
space cooling
- **375 Jackson**
St. Paul, MN
District Energy St. Paul
212,000 sq ft—space heating,
space cooling, domestic hot
water
- **Degree of Honor**
St. Paul, MN
District Energy St. Paul
95,000 sq ft—space heating,
space cooling, domestic hot
water



Degree of Honor building

- **24 East Fourth St. Building**
St. Paul, MN
District Energy St. Paul
15,000 sq ft—space heating
- **Data Center**
Chicago, IL
Thermal Chicago Corporation
100,000 sq ft—space cooling,
process

Commercial—Office

- **PwC Tower (18 York St.)**
Toronto, ON
Enwave Energy
750,000 sq ft—space cooling,
refrigeration



PwC Tower

- **Commercial Office Building**
Los Angeles, CA
Veolia Energy Los Angeles
343,743 sq ft—space cooling
- **Commercial Office Building**
Philadelphia, PA
Veolia Energy Philadelphia
543,751 sq ft—space heating,
domestic hot water
- **Commercial Office Building**
Boston, MA
Veolia Energy Boston
200,000 sq ft—space heating
- **Commercial Office Building**
Boston, MA
Veolia Energy Boston
1,118,355 sq ft—space heating
- **Commercial Office Building**
Boston, MA
Veolia Energy Boston
804,444 sq ft—space heating
- **Commercial Office Building**
Boston, MA
Veolia Energy Boston
1,010,600 sq ft—space heating

Commercial—Retail/Manufacturing

- **IBM**
Austin, TX
Austin Energy
481,272 sq ft—space cooling,
process
- **Office Building**
New York, NY
Con Edison Steam Operations
824,616 sq ft—space heating,
domestic hot water
- **Brewery**
Grand Rapids, MI
Veolia Energy Grand Rapids
10,000 sq ft—space heating,
domestic hot water, process,
kitchen

Commercial—Other

- **U-Haul**
Detroit, MI
Detroit Thermal
280,000 sq ft—space heating



U-Haul/Nabisco building

- **CBC Building (250 Front St. West)**
Toronto, ON
Enwave Energy
1,720,000 sq ft—space cooling,
refrigeration



CBC Building

Entertainment, Cultural or Sporting Center

- **Ford Field**
Detroit, MI
Detroit Thermal
330,000 sq ft—domestic hot water
- **Ordway Center for the Performing Arts**
St. Paul, MN
District Energy St. Paul
100,000 sq ft—space heating, space cooling
- **Music City Center**
Nashville, TN
Nashville District Energy System
689,892 sq ft—space heating, space cooling, domestic hot water, humidification



Nashville Music City Center

- **Carpet Cleaning Service**
Grand Rapids, MI
Veolia Energy Grand Rapids
6,000 sq ft—domestic hot water
- **Museum**
Grand Rapids, MI
Veolia Energy Grand Rapids
80,000 sq ft—space heating, domestic hot water

Government

- **Detroit Public Safety Headquarters**
Detroit, MI
Detroit Thermal
300,000 sq ft—space heating, domestic hot water
- **Markham Fire Station 99**
Markham, ON
Markham District Energy Inc.
10,826 sq ft—space heating, space cooling, domestic hot water

- **Cornell Community Centre and Library**
Markham, ON
Markham District Energy Inc.
153,000 sq ft—space heating, space cooling, domestic hot water, process
- **Transportation Company**
Philadelphia, PA
Veolia Energy Philadelphia
676,020 sq ft—space heating, domestic hot water
- **Transportation Authority**
Baltimore, MD
Veolia Energy Baltimore
200,000 sq ft—space cooling

Hotel

- **Hotel**
New York, NY
Con Edison Steam Operations
18,500 sq ft—space heating, domestic hot water
- **Pontchartrain Hotel**
Detroit, MI
Detroit Thermal
400,000 sq ft—space heating
- **Embassy Suites**
St. Paul, MN
District Energy St. Paul
85,000 sq ft—space heating, domestic hot water
- **Trump Tower**
Toronto, ON
Enwave Energy
600,000 sq ft—space heating, space cooling, domestic hot water, humidification, kitchen, refrigeration



Trump Tower

- **Hyatt**
Nashville, TN
Nashville District Energy System
150,000 sq ft—space heating, space cooling, domestic hot water, humidification

- **Hotel**
Trenton, NJ
Veolia Energy Trenton
125,000 sq ft—space heating, space cooling, domestic hot water
- **Hotel**
Boston, MA
Veolia Energy Boston
260,000 sq ft—space heating
- **Hotel**
Grand Rapids, MI
Veolia Energy Grand Rapids
60,000 sq ft—space heating, domestic hot water

Residential

- **Domain Parkside III Apartments**
Austin, TX
Austin Energy
256,985 sq ft—space cooling



Domain Parkside Apartments

- **Domain Parkside IV Apartments**
Austin, TX
Austin Energy
185,267 sq ft—space cooling
- **Streetlight Residential**
Austin, TX
Austin Energy
243,890 sq ft—space cooling
- **Mayfair Place**
Richmond, BC
Alexandra District Energy Utility
185,267 sq ft—space cooling



Mayfair Place

- **Residential**
New York, NY
Con Edison Steam Operations
83,825 sq ft—space heating, domestic hot water
- **Residential**
New York, NY
Con Edison Steam Operations
32,118 sq ft—space heating
- **Town Apartments**
Detroit, MI
Detroit Thermal
200,000 sq ft—space heating
- **Pointe of Saint Paul**
St. Paul, MN
District Energy St. Paul
350,000 sq ft—space heating, domestic hot water
- **Emma Norton Residence**
St. Paul, MN
District Energy St. Paul
23,800 sq ft—space heating, domestic hot water
- **Mayfair Place**
Richmond, BC
Alexandra District Energy Utility
351,000 sq ft—space heating, space cooling, domestic hot water
- **Remy**
Richmond, BC
Alexandra District Energy Utility
62,000 sq ft—space heating, space cooling, domestic hot water
- **Mayfair Place**
Richmond, BC
Alexandra District Energy Utility
351,000 sq ft—space heating, space cooling, domestic hot water

- **The Benchmark Town Manors**
Markham, ON
Markham District Energy Inc.
123,000 sq ft—space heating, space cooling, domestic hot water
- **Multi-Family Residential Complex**
Philadelphia, PA
Veolia Energy Philadelphia
126,840 sq ft—space heating
- **Multi-Family Residential Complex**
Philadelphia, PA
Veolia Energy Philadelphia
280,430 sq ft—space heating

Residential cont.

- **Multi-Family Residential Complex**
Boston, MA
Veolia Energy Boston
160,000 sq ft—space heating
- **Multi-Family Residential Complex**
Baltimore, MD
Veolia Energy Baltimore
814,572 sq ft—space heating
- **Multi-Family Residential Complex**
Grand Rapids, MI
Veolia Energy Grand Rapids
60,000 sq ft—space heating, domestic hot water

School, Hospital, Institution

- **Medical Center**
New York, NY
Con Edison Steam Operations
193,430 sq ft—space heating, domestic hot water
- **Wayne State University Scott Hall**
Detroit, MI
Detroit Thermal
500,000 sq ft—space heating, space cooling, domestic hot water, humidification
- **Wayne State University Vera Lande Hall**
Detroit, MI
Detroit Thermal
115,000 sq ft—space heating



Wayne State University - Vera Lande Hall

- **Central Presbyterian Church**
St. Paul, MN
District Energy St. Paul
41,900 sq ft—space heating
- **Regions Hospital**
St. Paul, MN
District Energy St. Paul
984,634 sq ft—space heating, space cooling, domestic hot water

- **Regions Hospital Expansion**
St. Paul, MN
District Energy St. Paul
386,090 sq ft—space heating, space cooling, domestic hot water



Regions Hospital Expansion

- **Sick Kids Research Tower**
Toronto, ON
Enwave Energy
750,000 sq ft—space heating, domestic hot water, humidification, process



Sick Kids Research Tower

- **MaRS A Discovery Centre**
Toronto, ON
Enwave Energy
780,000 sq ft—space heating, space cooling, domestic hot water, humidification, process, kitchen, refrigeration



MaRS A Discovery Centre

- **New Women's College Hospital**
Toronto, ON
Enwave Energy
630,000 sq ft—space heating, space cooling, domestic hot water, humidification, process, kitchen, refrigeration



New Women's College Hospital

- **Markham Stouffville Hospital**
Markham, ON
Markham District Energy Inc.
780,358 sq ft—space heating, space cooling, domestic hot water, humidification, process, kitchen

- **University Hospitals Seidman Cancer Center**
Cleveland, OH
The Medical Center Company
375,000 sq ft—space heating, space cooling, domestic hot water, humidification, process, kitchen, refrigeration



University Hospitals Seidman Cancer Center

- **Life Sciences Building (Nassau Community College)**
Garden City, NY
Nassau Energy LLC
72,000 sq ft—space heating, space cooling, domestic hot water, humidification



Nassau Community College - Life Sciences Building

- **Bing Concert Hall**
Stanford, CA
Stanford University
123,000 sq ft—space heating, space cooling, domestic hot water, humidification



Bing Concert Hall

- **Belo Center for New Media**
Austin, TX
University of Texas at Austin, Department of Utilities & Energy Management
126,077 sq ft—space heating, space cooling, domestic hot water, humidification, process

- **University**
Philadelphia, PA
Veolia Energy Philadelphia
12,300,000 sq ft—space heating, domestic hot water, humidification, process, kitchen

- **University**
Philadelphia, PA
Veolia Energy Philadelphia
2,900,000 sq ft—space heating, domestic hot water, humidification

- **University**
Grand Rapids, MI
Veolia Energy Grand Rapids
400,000 sq ft—space heating, domestic hot water

- **Research Institute**
Grand Rapids, MI
Veolia Energy Grand Rapids
300,000 sq ft—space heating, domestic hot water, process

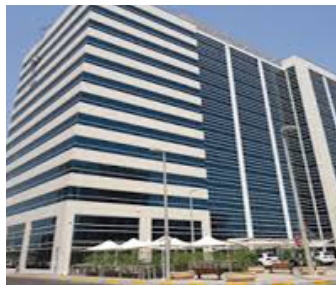
Other

- **Transit Center**
New York, NY
Con Edison Steam Operations
185,267 sq ft—space heating

- **Laundry Service**
New York, NY
Con Edison Steam Operations
1,000 sq ft—other (dry cleaning)

Commercial—Mixed Use

- **Bay Square**
Dubai, UAE
Empower
5,251,088 sq ft— space cooling
- **Jumeirah Lake Towers (High Rise Towers)**
Dubai, UAE
Palm District Cooling LLC
2,366,107 sq ft— space cooling
- **UAE University Campus**
Abu Dhabi, Al Ain
Tabreed (National Central Cooling Company)
3,121,534 sq ft— space cooling
- **Maze Tower**
Dubai, UAE
Tabreed (National Central Cooling Company)
542,501 sq ft— space cooling
- **Al Jaber Tower**
Fujairah, UAE
Tabreed (National Central Cooling Company)
27,000 sq ft— space cooling
- **Julfar Tower**
Ras Al Khaimah, UAE
Tabreed (National Central Cooling Company)
1,207,711 sq ft— space cooling
- **Dar kinda Shops**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
5,659 sq ft— space cooling
- **Woqod Tower**
Doha, Qatar
Qatar Cool
212,113 sq ft— space cooling
QatarCool - Woqod Tower
- **Lotus Tower**
Doha, Qatar
Qatar Cool
235,062 sq ft— space cooling
QatarCool - Lotus Tower
- **Commercial Twin Towers-Offices**
Doha, Qatar
Qatar Cool
429,479 sq ft— space cooling
- **Al Mamoura Building 1 & 2**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
668,546 sq ft— space cooling



Al Mamoura

Commercial—Office

- **Control Tower**
Dubai, Dubai Motor City
Emirates District Cooling (Emicool)
3,161 sq ft— space cooling
- **Ethihad Airways Complex**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
142,740 sq ft— space cooling
- **AL DAR Head Quarters**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
685,919 sq ft— space cooling



Control Tower

- **Dar kinda**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
24,299 sq ft— space cooling



AL DAR Head Quarters

- **Amber Tower (G+42)**
Ajman, UAE
Tabreed (National Central Cooling Company)
473,849 sq ft— space cooling

Commercial—Retail/Manufacturing

- **Al Sabraya Real Estate Investments LTD. Plot 597-708**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
30,622 sq ft— space cooling
- **Arenco Real Estate Plots**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
644,579 sq ft— space cooling
- **H.E Naseer Ahmed Khalifa Al Sowaidi Plot 597-686**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
33,001 sq ft— space cooling
- **Masterzen General Trading LLC Plot 597-868**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
9,727 sq ft— space cooling
- **MKH Investments Plot 597-853**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
73,000 sq ft— space cooling
- **New Medical Center Plot 598-543**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
14,350 sq ft— space cooling



Arenco Real Estate Plots

- **Dubai Investments Park Development Co. LLC Plots**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
267,572 sq ft— space cooling
- **Emirates Post Plot**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
51,474 sq ft— space cooling
- **Euro Emirates Electro Mechanical Services**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
29,062 sq ft— space cooling
- **Gulf Housing Solutions LLC Plot 598-488**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
4,656 sq ft— space cooling
- **Gulf Star Electrical Equipment Trad Plot 598-616**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
62,568 sq ft— space cooling
- **Rajneesh Traders LLC Shops Plots**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
2,276 sq ft— space cooling
- **Rawaq Ousha Bint Hussein Cultural C Plot 597-847**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
3,008 sq ft— space cooling
- **Shaikh Maktoum Suhail & Shaikh Hamdan Suhail Plot 597-1343**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
2,493 sq ft— space cooling
- **The Beach Project at JBR extension**
Dubai, UAE
Empower
1,209,960 sq ft— space cooling
- **IKEA, Building, Yas Island, Abu Dhabi**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
365,973 sq ft— space cooling
- **Al Naeem Mall**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
503,751 sq ft— space cooling

Commercial—Other

- **Medina Centrale-03&08**
Doha, Qatar
Qatar Cool
272,918 sq ft— space cooling



Medina Centrale 03 & 08

- **Medina Centrale-04**
Doha, Qatar
Qatar Cool
173,815 sq ft— space cooling



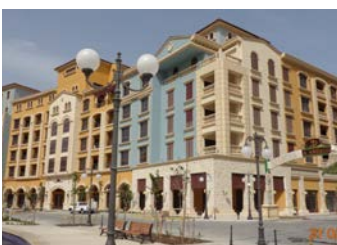
Medina Centrale 04

- **Medina Centrale-05&09**
Doha, Qatar
Qatar Cool
644,579 sq ft— space cooling



Medina Centrale 05 & 09

- **Medina Centrale-06**
Doha, Qatar
Qatar Cool
218,819 sq ft— space cooling



Medina Centrale 06

- **Medina Centrale-07**
Doha, Qatar
Qatar Cool
80,933 sq ft— space cooling
- **Master Agreement + Sched1A Raha Intl School**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
41,250 sq ft— space cooling



Raha International School

Entertainment, Cultural or Sporting Center

- **YAS Island Race Track**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
1,539,239 sq ft— space cooling



YAS Island Race Track

- **YAS Island Golf Course**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
101,719 sq ft— space cooling
- **YAS Island Yacht Club**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
126,562 sq ft— space cooling
- **YAS Island Ferrari**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
2,336,231 sq ft— space cooling

- **Welcome Pavilion**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
418,006 sq ft— space cooling
- **Grand Mosque**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
180,000 sq ft— space cooling



Sheikh Zayed Grand Mosque

- **Mixed Use Tower & Car Parking Building & Hotel Jal Tower & Car Parking Building**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
1,534,503 sq ft— space cooling

Government

- **National Emergency & Crisis Management Authority**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
14,854 sq ft— space cooling
- **Al Ain Police**
Abu Dhabi, Al Ain
Tabreed (National Central Cooling Company)
49,710 sq ft— space cooling
- **Dubai Metro – Green Line**
Dubai, UAE
Tabreed (National Central Cooling Company)
588,000 sq ft— space cooling

Hotel

- **Mariott Hotel**
Dubai, UAE
Empower
825,114 sq ft— space cooling



Mariott Hotel

- **Palm Jumeirah Trunk**
Dubai, UAE
Palm District Cooling LLC
1,113,677 sq ft— space cooling
- **Palm Jumeirah Crescent**
Dubai, UAE
Palm District Cooling LLC
1,918,136 sq ft— space cooling

- **St. Regis Hotel**
Doha, Qatar
Qatar Cool
1,255,071 sq ft— space cooling

- **Commercial Twin Towers-Hotel**
Doha, Qatar
Qatar Cool
575,868 sq ft— space cooling

- **Bin-Samikh Tower**
Doha, Qatar
Qatar Cool
419,792 sq ft— space cooling

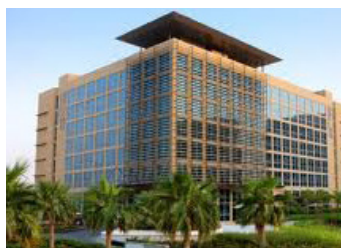
- **Al Bustan Complex**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
2,615,630 sq ft— space cooling



Al Bustan Complex

Hotel cont.

- **YAS Island CENTRO Hotel**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
130,609 sq ft— space cooling



Centro Hotel

- **YAS Island MARRIOTT Hotel**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
487,411 sq ft— space cooling
- **YAS Island ROTANA Hotel**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
296,675 sq ft— space cooling
- **YAS Island CROWN PLAZA Hotel**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
591,283 sq ft— space cooling
- **YAS Island Victory Hotel**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
972,035 sq ft— space cooling
- **Ritz Hotel**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
972,907 sq ft— space cooling



Ritz Carlton

- **Ayla Hotel, Al Ain**
Abu Dhabi, Al Ain
Tabreed (National Central Cooling Company)
27,750 sq ft— space cooling

- **Rose Rotana Suites Tower**
Dubai, UAE
Tabreed (National Central Cooling Company)
629,689 sq ft— space cooling

Residential

- **Elite**
Dubai, Dubai Sports City
Emirates District Cooling (Emicool)
195,390 sq ft— space cooling

- **Fox Hill**
Dubai, Dubai Motor City
Emirates District Cooling (Emicool)
195,390 sq ft— space cooling



Fox Hill

- **New Bridge Hill**
Dubai, Dubai Motor City
Emirates District Cooling (Emicool)
182,741 sq ft— space cooling

- **Dunes Village**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
1,755 sq ft— space cooling

- **Ewan**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
3,089 sq ft— space cooling

- **Phase 1 Family Villa**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
3,500 sq ft— space cooling



Family Villa

- **Phase 1 Lake Apartment**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
7,630 sq ft— space cooling



Lake Apartments

- **Phase 1 Townhouse**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
9,312 sq ft— space cooling



Phase 1 Townhouse

- **West Family Villa**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
59,000 sq ft— space cooling



West Family Villa

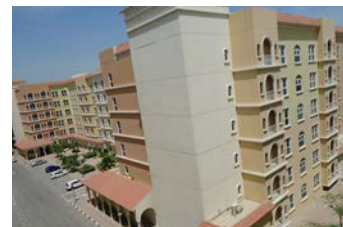
- **Dar Kinda**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
24,299 sq ft— space cooling

- **West Luxury Villa**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
7,075 sq ft— space cooling



West Luxury Villa

- **Ritaj A**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
169,624 sq ft— space cooling



Ritaj A

- **Ritaj B**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
92,408 sq ft— space cooling

- **Ritaj BG**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
20,043 sq ft— space cooling

- **Ritaj C**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
135,472 sq ft— space cooling

- **Ritaj D**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
666,159 sq ft— space cooling

- **Ritaj E**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
195,979 sq ft— space cooling

- **Ritaj F**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
205,257 sq ft— space cooling

- **Ritaj G**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
124,232 sq ft— space cooling

- **Ritaj H**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
138,565 sq ft— space cooling

- **Ritaj K**
Dubai, Dubai Investment Park
Emirates District Cooling (Emicool)
72,248 sq ft— space cooling

Residential cont.

- **Ritaj A**
Dubai, Dubai Investment Park
Emirates District Cooling
(Emicool)
169,624 sq ft— space cooling

- **Ritaj L**
Dubai, Dubai Investment Park
Emirates District Cooling
(Emicool)
50,322 sq ft— space cooling

- **Ritaj M**
Dubai, Dubai Investment Park
Emirates District Cooling
(Emicool)
45,206 sq ft— space cooling

- **Southwest Apartments**
Dubai, Dubai Investment Park
Emirates District Cooling
(Emicool)
36,763 sq ft— space cooling

- **Themaar 001**
Dubai, Dubai Investment Park
Emirates District Cooling
(Emicool)
2,025 sq ft— space cooling



Themaar 001

- **Themaar**
Dubai, Dubai Investment Park
Emirates District Cooling
(Emicool)
117,048 sq ft— space cooling

- **UCC A**
Dubai, Dubai Investment Park
Emirates District Cooling
34,424 sq ft— space cooling



UCC A

- **UCC B**
Dubai, Dubai Investment Park
Emirates District Cooling
(Emicool)
35,264 sq ft— space cooling

- **West Bungalow Apartments**
Dubai, Dubai Investment Park
Emirates District Cooling
(Emicool)
84,000 sq ft— space cooling



Bungalow

- **Parcel-15A (Rotana Tower-1)**
Doha, Qatar
Qatar Cool
354,928 sq ft— space cooling



Rotana Tower-1

- **Parcel-15B (Rotana Tower-2)**
Doha, Qatar
Qatar Cool
354,928 sq ft— space cooling

- **Parcel-17 (Al Ma'amoura)**
Doha, Qatar
Qatar Cool
441,319 sq ft— space cooling



Al Ma'amoura

- **Viva Bahriya-11 (Imperial Tower-Moroccan)**
Doha, Qatar
Qatar Cool
222,392 sq ft— space cooling



Viva Bahriya-11 (Imperial Tower-Moroccan)

- **Viva Bahriya-17 (Imperial Tower/Zen)**
Doha, Qatar
Qatar Cool
220,121 sq ft— space cooling



Viva Bahriya-17 (Imperial Tower/Zen)

- **LPVW-6**
Doha, Qatar
Qatar Cool
9,569 sq ft— space cooling

- **LPVW-15**
Doha, Qatar
Qatar Cool
10,053 sq ft— space cooling

- **LPVE-34**
Doha, Qatar
Qatar Cool
5,592 sq ft— space cooling



LPVE-34

- **LPVE-36 & 37**
Doha, Qatar
Qatar Cool
17,329 sq ft— space cooling



LPE-36 & 37

- **LPVC-21**
Doha, Qatar
Qatar Cool
7,104 sq ft— space cooling



LPVC-21

- **BVN-29**
Doha, Qatar
Qatar Cool
6,393 sq ft— space cooling



BVN-29

Residential cont.

- **BVN-32**
Doha, Qatar
Qatar Cool
9,511 sq ft— space cooling



BVN-32

- **BVS-30**
Doha, Qatar
Qatar Cool
8,826 sq ft— space cooling



BVS-30

- **BVS-35-36**
Doha, Qatar
Qatar Cool
16,361 sq ft— space cooling



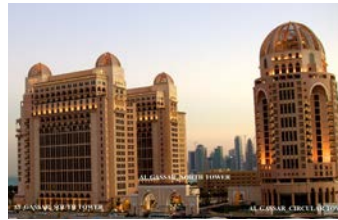
BVS-35 & 36

- **Solid Waste Collection Station-A**
Doha, Qatar
Qatar Cool
3,293 sq ft— space cooling



Solid Waste Collection Station-A

- **Solid Waste Collection Station-B**
Doha, Qatar
Qatar Cool
1,340 sq ft— space cooling
- **Al Gassar Resorts-Circular Tower**
Doha, Qatar
Qatar Cool
247,671 sq ft— space cooling



South, North and Circular Towers

- **Al Gassar Resorts-South Tower**
Doha, Qatar
Qatar Cool
283,297 sq ft— space cooling
- **Al Gassar Resorts-North Tower**
Doha, Qatar
Qatar Cool
287,019 sq ft— space cooling

- **Parcel-02B**
Doha, Qatar
Qatar Cool
423,710 sq ft— space cooling
- **Parcel-07A**
Doha, Qatar
Qatar Cool
323,358 sq ft— space cooling
- **Parcel-08A**
Doha, Qatar
Qatar Cool
423,376 sq ft— space cooling

- **Parcel-09A**
Doha, Qatar
Qatar Cool
245,858 sq ft— space cooling
- **Parcel-10B**
Doha, Qatar
Qatar Cool
423,710 sq ft— space cooling

- **Parcel-16A**
Doha, Qatar
Qatar Cool
423,376 sq ft— space cooling

- **Marsa Malaz**
Doha, Qatar
Qatar Cool
556,493 sq ft— space cooling
- **Das Holdings – Phase 1 & Phase 2**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
2,570,659 sq ft— space cooling
- **C-69**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
231,919 sq ft— space cooling
- **SEBA Tower C-71**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
878,335 sq ft— space cooling
- **Al Bandar**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
942,886 sq ft— space cooling



Al Bandar

- **Al Zeina**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
3,421,459 sq ft— space cooling



Al Zeina

- **Al Muneera**
Abu Dhabi, UAE
Tabreed (National Central Cooling Company)
2,991,183 sq ft— space cooling



Al Muneera

School, Hospital, Institution

Other

- **Qanat Quartier**
Doha, Qatar
Qatar Cool
355,899 sq ft— space cooling



Qanat Quartier

Plan to submit your data for 2013

Make plans now to photograph and enter your customer buildings that commit or recommit for your district energy service during 2014! The deadline for submittal is **Fri., April 18, 2014.**

To enter your newly committed, recommitted or connected customers for 2013, please download and complete the Excel® template found at

<http://www.districtenergy.org/assets/Forms/2014DESpaceblankform.xls>

Please use the form exactly as provided and fill in all appropriate cells to facilitate our compilation of the data. Submit the final document (list all buildings within one document) to Len Phillips at **len.idea@districtenergy.org**. Be sure to send as many building photographs as possible, and label them clearly with your company name and identifying title such as : "My Energy Company-Smith Office Building". Thank you.

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24 Lyman Street, Suite 230
Westborough, MA 01581 USA
Tel: +1 508-366-9339
Fax +1 508-366-0019
www.districtenergy.org

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