

Data Centers and Financial Insitutions



## Rehlko Story

A global force in power solutions since 1920, Rehlko is committed to reliable, intelligent products, advanced engineering and responsive after–sale support.

And you can find us on nearly every continent on the planet. Over the years, we've amplified our global reach—acquiring SDMO Industries, a worldwide leader known for its premium range of generators sets. Together, we've built on the legacy of two leading brands to create the third largest global manufacturer of generators—and continued an unwavering focus on reliable power systems and innovation.

Our R&D, manufacturing, sales, service and distribution facilities span the globe from Wisconsin and Brest, France. And while we've maintained two world-renowned brand names, today Rehlkooperate as an integrated global organization that's leading the way in design and manufacturing.

We deliver integrated industrial power systems for emergency, prime and continuous applications worldwide—from data centers and hospitals to water treatment facilities and government offices. With a deep understanding of your industry, we excel in designing customized power systems that simplify your most complex challenges.



# The world is powered by data

Big data has changed the world. We generate 2.5 quintillion bytes of data daily—data that businesses, governments and people depend on. Further fueled by mobile devices and data—on—demand business, there are ever—growing demands on service levels in data centers around the world. Cloud computing and the Internet of Things are driving 12 percent growth per year in the data center market. The expectations for peak performance and uninterruptible power have never been higher.

The data center market itself is changing too. Data centers are moving closer to their customers, colocating and adopting multitenant architecture more than ever before. Many are becoming smaller and more scalable. Tax and energy incentives are common, aimed at attracting data center investment while improving the operational efficiency of these critical facilities.

#### MANAGING ENERGY USE AND COSTS

Data centers consume vast amounts of energy to keep online businesses running at maximum capacity around–the–clock. To avoid wasting much of the electricity pulled off the grid and to improve operational costs, data centers are being designed and built with higher levels of efficiency, measured in PUE (power usage effectiveness).

Today, data center owners want more sustainable ways to power their facilities and lessen their carbon footprints. Assessing your center's needs and designing a power system that's modular and scalable will help you optimize uptime and availability, cut energy use and provide significant savings.



#### **ASSESSING FACILITY NEEDS**

A data center's electrical power supply can be provided by several different circuits and supplemented by energy storage systems and generators. To provide a "No-Break" power supply (uninterruptible power with zero service interruptions), two independent power sources provide redundancy and risk reduction, rather than depend on a single source of inbound power.

#### **POWER SUPPLY**

Redundancy is an essential design feature built into a data center to provide a double layer of security. To prevent interruptions to the power supply, all components, including the emergency systems, are installed in duplicate with multiple generator sets.

#### **SECURITY**

There is an essential need for protecting both the data center's physical security and its cyber security. Redundant backup power is a critical component of a secure data center – and a requirement for recognition as a Tier IV data center.

#### PHYSICAL ENVIRONMENT

Maintaining precise, stable air conditioning and optimal control of environmental dust are two more factors creating larger loads and more dependence on backup generators.

#### **FIRE PREVENTION**

Fires must be prevented, extinguished or controlled. An ultrasophisticated detection system that ensures maximum containment must be maintained on an uninterruptible power supply.

# Secure, robust data storage requires a *dependable* and *scalable power system*

#### POWER CONSIDERATIONS

#### **SCALABILITY**

A larger-than-necessary power system that caters to possible unknowns will increase costs and diminish efficiency. The industry is seeing a shift to scalable data centers that start small and scale up to meet increased demands. This trend is even more evident in colocated and multitenant facilities that make up the majority of new data center construction. Colocating (sharing data center space but not servers) or multitenanting (sharing servers) helps businesses achieve cost savings and efficiency.

Secure, robust data storage requires a dependable and scalable power system—one that's capable of delivering uninterruptible power and meeting demanding service requirements.

#### **UPTIME AND RELIABILITY**

Designing power systems that meet the requirement for the highest levels of uptime, such as the Uptime Institute's Tier IV standard, requires expert attention to system architecture and equipment redundancy. Getting the right combination of uninterrupted power supply and generator sets is crucial to meet tier classifications.

Achieving "five nines" (99.999 percent) reliability—where downtime is less than 5.26 minutes per year—is the ultimate goal. A data center is classified based on its annual outage rate or availability:

- Tier I specifying annual outage up to 28.8 hours
- Tier II specifying 22 hours
- Tier III specifying 1.6 hours
- Tier IV specifying 0.4 hours of annual outage, or 99.995 percent availability

Understanding the uptime tier your business wishes to meet helps shape our recommendations for your power system requirements. The market is moving toward emergency prime generator power in order to meet tier standards. Paralleling two or more generators delivers greater reliability and flexibility than a single generator can provide.



#### **MODULAR DATA CENTERS**

The modular data center achieved by installing and enclosing two or more generators outdoors versus building oversized generators indoors is becoming more prevalent. Each generator set provides power to specific servers. "Swing" generators come online to provide backup power if one fails, offering an option to other paralleling equipment.

#### **EDGE DATA CENTERS**

The building of smaller data centers closer to users (those on the "edge" of large metropolitan markets) is becoming more common due to network latency, which limits the maximum rate that information can be transmitted. Edge data centers provide quick-and-agile response, faster access to data and an improved experience for businesses and people that are "always on."

A data center in Chicago will have different codes and requirements than one in London. Our engineers can advise you on global considerations and codes.

#### REDUNDANCY

Redundancy is an essential design feature built into a data center to provide a layer of security, known as N+1 or 2N redundancy, with essential components duplicated in the event that one component fails. While a facility might install a single large generator to meet its power needs, paralleling two or more generators with paralleling switchgear offers practical benefits and advantages over a single-generator system.

#### **PERFORMANCE**

A reliable Rehlko power system plays a major role in helping data centers prevent unnecessary financial loss and security breaches in the event of a power loss. The generator provides backup power within seconds of a break in the normal power supply.

Generator sets should start providing backup power within seconds of a break in utility power supply, and transfer switches should provide seamless automatic switching between the electrical power from the utility and the backup power system.



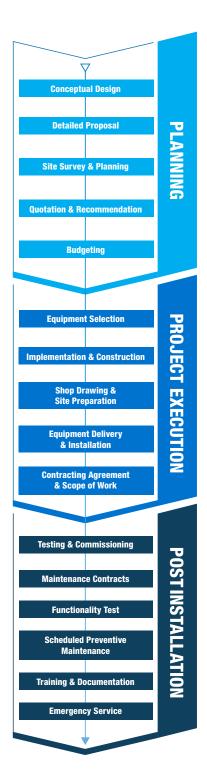








## THE REHLKO DIFFERENCE TOTAL SYSTEM



As a single–source provider, you can be confident that every power system is loaded with designed and manufactured components from Rehlko. Total system integration assures you that no matter how large or complex the project, everything works together seamlessly–from generators and transfer switches to paralleling switchgear and controllers. That's The Rehlko Difference.

#### **End-To-End Management**

From planning the design and selecting the equipment to testing and commissioning, we're focused on delivering reliable, custom-designed power systems tailored to your specifications. Agile manufacturing, rigorous testing and careful commissioning assure you of a solution that fits your business—and your budget.

#### **Customized Solutions**

Your Rehlko power system is customized, built and tested by a dedicated team of experienced applications engineers. They've designed power systems for hundreds of data centers and combine industry experience with Rehlko's agile manufacturing process to deliver your purposebuilt solution.

### **Local Service: Nationwide or Around the World**

A single call assures you of expert support and problem resolution day or night. Rehlko's worldwide dealer and distributor network has access to complete inventories of Rehlko genuine parts and provides factory–trained service technicians who are fully vetted and thoroughly tested.

#### **FACILITIES THAT PUT THEIR TRUST IN REHLKO**

DATA CENTERS	COUNTRY	QTY	kW/kVA
Data Center	Australia	3	2500 kVA
4Degrés	Canada	3	2000 kVA
OVH	Canada	3	1600 kW
Beijing Telecom	China	8	912–1760 kW
eCommerce Data Center	China	12	2500 kW
Shaanxi Telecom	China	4	1760 kW
Wanguo Data Center	China	6	1600 kW
Yangpu IDC	China	3	2000 kW
IBM	France	15	650-1700 kVA
Multinational technology and consulting corporation	France	22	1000-2800 kVA
Orange	France	1	3220 kVA
SCNF	France	1	3100 kVA
Grass-Merkur	Germany	1	2200 kVA
IBM	Germany	5	2200 kVA
Colocation Providers	Hong Kong	29	2800kVA
HK Telecommunications	Hong Kong	9	2000-2250 kVA
Telephone Exchange	Hong Kong	11	2000 kVA
Hyperscale Data Center	Indonesia	5	2800 kVA
Sentul Data Center	Indonesia	2	3300 kVA
Tier 4 Data Center for Computer Hardware and Software Manufacturer	Indonesia	6	3300 kVA
Hyperscale Data Center	Malaysia	4	2250 kVA
Myint & Associatesd	Myanmar	3	500-1100 kVA
Datacenter that supports more than 540 companies	Netherlands	13	1400–2100 kVA
International IT infrastructure solutions provider	Netherlands	16	1540 kVA
Government Data Center	Singapore	16	2000 kVA
IBM	Spain	5	200–1900 kVA
Multinational technology and consulting corporation	Spain	3	1400 kVA
Joint Venture IDC	South Korea	16	4000 kW
Cloud Computing Data Center	South Korea	4	3250 kW
Cloud Exchange Center	Taiwan	11	2500 kW
Financial Building Data Center	Taiwan	10	2000 kVA
-	Taiwan	5	2000 kVA
Leading VPN Service Provider  Colocation Providers	Thailand	2	2250 kVA
National Research Center	Thailand	3	1810 kVA
	Thailand	4	
Stock Exchange Building	Thailand	2	1000-2000 kVA
Leading Internet Service Provider			2500 kVA
Cap Gemini	United Kingdom	2	1400 kVA
Equinix	United Kingdom	7	2500 kVA
Gyron	United Kingdom	3	2200 kVA
IX Europe	United Kingdom	6	2200 kVA
AT&T	United States	26	1000–2000 kW
Bell South	United States	46	1000–2000 kW
Cincinnati Bell Technology Solutions	United States	13	1600–2000 kW
Colocation Providers	United States	22	1600 kW
Colocation Providers	United States	66	3250 kW
DIRECTV	United States	9	1000–2000 kW
Federal Express	United States	5	1000–2000 kW
Home Shopping Network	United States	6	1750 kW
IBM	United States	3	1500–2000 kW
LexisNexis	United States	3	2000–2800 kW
Morgan Stanley	United States	6	1000–2000 kW
Quality Technology Services	United States	6	2800 kW
The Home Depot	United States	5	1000–1600 kW
Verizon / Verizon Wireless	United States	18	1000–2800 kW
Washington State Department of Information Services	United States	5	2500 kW
Windstream Hosted Solutions	United States	8	2000-2500 kW
Data Center for Stock Exchange - HoChiMinh City	Vietnam	2	2000 kVA

Bink of Algeria         Algeria         2         1000 MVA           Australia Ilig Four Bank in CBD         Australia         2         2000 KVA           Australia Ilig Four Bank in Homebush         Australia         3         1400 KVA           Scotabank         Bahamas         1         100 KVA           Scotabank         Bahamas         1         350 KW           Durch Bangia Bank Limited         Bangiacesh         8         30-500 KW           Toronto-Dominton Bank Tower         Canada         1         500 KW           Toronto-Dominton Bank Tower         Canada         1         100 KW           Haz Xia Bank         China         2         1750 KW           People's Bank of China         China         2         1750 KW           People's Bank of China         China         2         1250 KW           BNP parbas         France         2         1250 KW           BNP parbas         France         21         1250 KW           Bulbank         France         13         1250-2500 KW           BNP parbas         France         13         1250-250 KW           Autoria Bank         France         13         1250-250 KW           Autoria Bank	FINANCIAL INSTITUTIONS	COUNTRY	QTY	kW/kVA
Australia Big Four Bank in CBD         Australia         2         2000 (AVA)           Australia Big Four Bank in Homebush         Australia         3         4000 (AVA)           Scotisbank         Bahranas         1         100 (AVA)           Teachers E Salaried Worker Co-Operative Credit Union         Bahranas         1         100 (AVA)           Duch Bangia Bank Luritard         Bangiadosen         20         15-130 (AVA)           Brac Bank Luritard         Bangiadosen         1         500 (AVA)           Fideity Bank (Imited         Cannaia         1         500 (AVA)           Fideity Bank (Cayman) Luritad         Curina         2         1700 (AVA)           Florido Carrian         Curina         2         1800 (AVA)           Shanghai Roral Commercial Bank         Curina         2         1200 (AVA)           Shanghai Rural Commercial Bank         Finance         21         1250-2500 (AVA)           Brance         Finance         2         1250 (AVA)           Large Bank         Finance         2         1250 (AVA)           Matternation         Finance         2         1250 (AVA)           Anatorian Sank         Finance         2         1250 (AVA)           Finance         Finance <td></td> <td></td> <td></td> <td></td>				
Australia Big Four Bank in Homebush         Australia Big Four Bank in Homebush         3         MADO INVA           Contabank         Bahamase         1         100 kW           Teachers & Sailried Workers Co-Operative Credit Union         Bahamase         1         350 kW           Durch Bangia Bank Limited         Bangiadean         8         30-500 kW           Torroth-Opminion Bank Tower         Canada         1         500 kW           Hux Xia Bank         Chins         2         1760 kW           Shanghai Rural Commorcial Bank         Chins         2         1260 kW           Shanghai Rural Commorcial Bank         China         6         2240 kW           BNP Parbase         Finance         21         1250 c-2000 kW           Bullage Bank         Finance         21         1250 c-2000 kW           National Bank         Finance         13         1250 c-2000 kW           March Winning German Bank         Finance         13         1250 c-2000 kW           Award-Winning German Bank         Hotel         1         1400 kW           ABIN Lawrin         Intral         2         150 kW           ABIN Lawrin         Intral         2         150 kW           ABIN Lawrin         Notheriands	<del>-</del>	<u> </u>	2	2000 kVA
Scotlank         Bahnamas         1         100 kW           Tacehers & Salaried Workers Co-Operative Credit Union         Bahnamas         1         350 kW           Duch Bangla Bank Limited         Bangladesh         8         30-500 kW           Brace Bank Limited         Bangladesh         8         30-500 kW           Flodinty Bank Conyman Limited         Canada         1         500 kW           Flodinty Bank Conyman Limited         China         2         1760 kW           People's Bank of China         China         2         1760 kW           People's Bank of China         China         2         1880 kW           Shanghal Rural Commercial Bank         China         2         1880 kW           Shanghal Rural Commercial Bank         China         6         2240 kW           Shanghal Rural Commercial Bank         France         21         1750-2500 kW           Large Bank         France         1         1250-2500 kW           Natural Rural         1         120 kW         1           March Tall         1400 kW         1         120 kW           Assard Leumi         1         1400 kW         1         1400 kW           Bank Leumi         1         1400 kW         2 </td <td></td> <td>Australia</td> <td>3</td> <td>1400 kVA</td>		Australia	3	1400 kVA
Ditch Bangla Bank Limited         Bangladesh         20         15-130 MVA.           Brae Bank Limited         Bangladesh         8         30-500 kWA           Trontot-Dominion Bank Tower         Canada         1         500 kW           Fidelity Bank (Gayman Limited         Cayman Islands         1         100 kW           Hua Xia Bank         China         2         1760 kW           People's Bank of China         China         2         1480 kW           Shangfall Rural Commercial Bank         China         2         1250 kW           BNP Paribas         France         2         1250 kW           Astogram Bank         France         2         1250 kW           Astogram Bank         France         21         1250 kW           Award-Mirning German Bank         Hong Kong         6         2000 kW           Bank Lumi         Israel         3         1800-2250 kW           ARN-AMRO Bank         Netherlands         1         1400 kW           Bank Lumining German Bank         Netherlands         1         1400 kW           ASA Paris Bank         Netherlands         1         1400 kW           ASA Paris Bank         Netherlands         2         400-630 kW		Bahamas	1	100 kW
Brace Blank Limited	Teachers & Salaried Workers Co-Operative Credit Union	Bahamas	1	350 kW
Brace Bank Limited         Burgledesh         8         30-500 kWA           Torronto-Dominion Bank Tower         Cannada         1         500 kW           Torronto-Dominion Bank Tower         Cayman Islandes         1         100 kW           Hua Xia Bank         China         2         1760 kW           People's Bank of China         China         6         2640 kW           Shanghai Bural Commercial Bank         China         6         2640 kW           BINP Parlaba         France         2         1250 kWA           Large Bank         France         21         1250 -2500 kWA           National Bank         France         13         1250 -2800           Ulblank         Hatti         2         150 kWA           Award-Winning German Bank         Hong Kong         6         2000 kWA           Bank Leumin         Brong         3         1800 -2250 kWA           ABN-AMRO Bank         Netherlands         1         1400 kWA           ABN-AMRO Bank         Netherlands         1         1400 kWA           ABN-AMRO Bank         Netherlands         1         100 kWA           ABN AMIN offices in more than 15 countries         Netherlands         1         100 kWA	Dutch Bangla Bank Limited	Bangladesh	20	15-130 kVA
Tronton-Dominion Bank Tower         Canada         1         500 kW           Fidelish Bank (Cayman) Limited         Cayman Islands         1         100 kW           Hoa Xia Bank         China         2         1750 kW           People's Bank of China         China         6         204 kW           Shanghai Rural Commercial Bank         China         6         204 kW           BNP Paribas         France         2         1250 kWA           Sanghai Rural Commercial Bank         France         21         1250-2500 kWA           BNA Storial Bank         France         21         1250-2500 kWA           Anticonal Bank         France         21         1250-2500 kWA           Bank Leumi         Israel         3         1600-250 kW           Bank Leumi         Israel         3         1600-250 kW           Bank Leumi         Israel         3         1600-250 kW           Bank With Offices in more than 15 countries         Netherlands         1         1400 kWA           Forts Bank         Netherlands         1         1400 kWA           Forts Bank         Netherlands         2         2800 kWA           ACM Paimerston         New Zealand         1         110 kWA			8	30-500 kVA
Hua Xia Bank	Toronto-Dominion Bank Tower	_	1	500 kW
New Name	Fidelity Bank (Cayman) Limited	Cayman Islands	1	100 kW
Shanghai Rural Commercial Bank         China         6         2840 kW           BNP Paribas         France         21         125-200 kWA           Large Bank         France         21         125-2200 kWA           National Bank         France         13         1250-2800           Unibank         Haitt         2         150 kW           Award-Winnig German Bank         Hong Kong         6         2000 kWA           Bank Lown         Israel         3         1600-2250 kWA           Bank Lown         Netherlands         1         1400 kWA           Bank with offices in more than 15 countries         Netherlands         2         2800 kWA           KING Bank         Netherlands         2         2800 kWA           ACM Palmerston         New Zealand         1         110 kWA           Bank in the capital city         Russia         4         500 kWA           ACM Palmerston         New Zealand         1         110 kWA           Bank in the capital city         Russia         4         500 kWA           ACM Palmerston         Russia         4         500 kWA           Al-Rapial Bank         Saudi Arabia         1         100 kWA           Al-Rapial Bank			2	1760 kW
BNP Paribas         France         2         1250 - 1500 AVA           Large Bank         France         21         1250 - 2500 AVA           Nattonal Bank         France         21         1250 - 2800 AVA           Unibank         Habit         2         150 MW           Award-Winning German Bank         Hong Kong         6         2000 KWA           Bank Leumi         Israel         3         1600 - 2250 KWA           ABN-ARRO Bank         Netherlands         1         1400 KWA           ABN-ARRO Bank         Netherlands         1         1400 KWA           Fortiga in more than 15 countries         Netherlands         2         400 - 630 kWA           ING Bank         Netherlands         2         400 - 630 kWA           ING Bank         Netherlands         2         2800 kWA           CAMP Palmerston         New Zealend         1         110 kWA           Bank in the capital city         Russia         2         2800 kWA           Foreign investment bank         Saudi Arabia         1         100 kWA           Al-Rajia Bank         Saudi Arabia         1         400 kW           Al-Rajia Bank         Saudi Arabia         1         90 kWA           Al-Raj	People's Bank of China	China	2	1480 kW
Large Bank         France         21         1250-2800 (WA)           National Bank         France         13         1250-2800           Unliank         Halti         2         150 kW           Award-Winning German Bank         Hong Kong         6         2000 kWA           Bank Leumi         Israel         3         1600-2250 kW           ARN-AMRO Bank         Netherlands         1         1400 kWA           Bank with offices in more than 15 countries         Netherlands         1         1400 kWA           Bank with offices in more than 15 countries         Netherlands         2         400-630 kWA           ING Bank         Netherlands         2         400-630 kWA           ING Bank         Netherlands         2         2800 kWA           ACM Palmerston         New Zealand         1         100 kWA           Earlie In Leur Leur Leur Leur Leur Leur Leur Leur	Shanghai Rural Commercial Bank	China	6	2640 kW
National Bank         France         13         1250-2800           Unlibank         Helit         2         150 kW           Award-Winning German Bank         Hong Kong         6         2000 kW           Bank Leumi         Israel         3         1600-2250 kW           Bank Leumi         Israel         3         1600-2250 kW           Bank With Offices in more than 15 countries         Netherlands         1         1400 kW           Fortis Bank         Netherlands         2         400-630 kW           ING Bank         Netherlands         2         2200 kW           Early Bank         New Zealand         1         110 kW           Bank in the capital city         Russia         2         240 kW           Foreign investment bank         Russia         2         240 kW           Foreign investment bank         Saudi Arabia         1         180 kW           Al-Jacerea Bank         Saudi Arabia         1         400 kW           Al-Jacerea Bank         Saudi Arabia         1         400 kW           Arab National Bank         Saudi Arabia         1         190 kW           State-Owned Bank         Tawa         2         1000 kW           State Commed Bank </td <td>BNP Paribas</td> <td>France</td> <td>2</td> <td>1250 kVA</td>	BNP Paribas	France	2	1250 kVA
National Bank         France         13         1250-2800           Unibank         Hait         2         150 kW           Award-Winning German Bank         Hong Kong         6         2000 kVA           Bank Leumi         Israel         3         1600-2250 kW           ABNAIRO Bank         Netherlands         1         1400 kVA           Bank with offices in more than 15 countries         Netherlands         2         400-630 kVA           ING Bank         Netherlands         2         200 kVA           Fortage in westment of the capital city         Russia         4         500 kVA           Bank in the capital city         Russia         4         500 kVA           Foreign investment bank         Russia         4         500 kVA           Al-Bapit Bank         Saudi Arabia         1         180 kW           Al-Bapit Bank         Saudi Arabia         1         400 kW           Al-Bapit Bank         Saudi Arabia         1         400 kW           Arab National Bank         Saudi Arabia         1         400 kW           State-owned Bank         Talwan         2         1000 kVA           State-owned Bank         Talwan         2         1000 kVA	Large Bank	France	21	1250-2500 kVA
Award-Winning German Bank         Hong Kong         6         2000 kVA           Bank Loumi         Israel         3         1000-2250 kW           ABN-AMRO Bank         Netherlands         1         1400 kVA           Bank with offices in more than 15 countries         Netherlands         2         400-630 kVA           Fortis Bank         Netherlands         2         400-630 kVA           ING Bank         Netherlands         2         2800 kVA           ACM Palmerston         New Zealand         1         110 kVA           Bank in the capital city         Russia         2         400 kVA           Foreign investment bank         Russia         2         400 kVA           Al-Jazeera Bank         Saudi Arabia         1         180 kW           Al-Rajil Bank         Saudi Arabia         1         400 kW           Arab National Bank         Saudi Arabia         1         190 kW           Saudi Arabian Cooperative Insurance Co.         Saudi Arabia         1         1900 kW           State-owned Bank         Taiwan         2         1000 kW           State-owned Bank         Taiwan         2         1000 kW           Financial Center         United Arab Emirates         9         1540	_	France	13	1250-2800
Bank Leumi         Israel         3         1600-2250 kW           ABN-AMRO Bank         Netherlands         1         1400 kWA           ABN-AMRO Bank         Netherlands         1         1400 kWA           Fortis Bank         Notherlands         2         400-630 kWA           ING Bank         Netherlands         2         2000 kWA           ACM Palmerston         New Zealand         1         110 kWA           Bank in the capital city         Russia         4         500 kWA           Foreign investment bank         Russia         2         440 kWA           Al-Jazeera Bank         Saudi Arabia         1         180 kW           Ar-Bajhi Bank         Saudi Arabia         1         400 kW           Arab National Bank         Saudi Arabia         1         910 kWA           State-owned Bank         Taiwan         2         1000 kWA           State-owned Bank         Taiwan         2         1000 kWA           State-owned Bank         Taiwan         2         1000 kWA           Abu Dhabi Financial Center         United Arab Emirates         9         1540-2100 kWA           Financial Center         United Arab Emirates         9         1540-2100 kWA	Unibank	Haiti	2	150 kW
ABN-AMRO Bank with offices in more than 15 countries         Netherlands         1         1400 kVA           Bank with offices in more than 15 countries         Netherlands         2         400-830 kVA           Fortis Bank         Netherlands         2         400-830 kVA           ING Bank         Netherlands         2         2800 kVA           ACM Palmerston         New Zeeland         1         10 kVA           Bank in the capital city         Russia         4         500 kVA           Foreign investment bank         Russia         2         440 kVA           Al-Jazeera Bank         Saudi Arabia         1         180 kW           Ar-Bajhl Bank         Saudi Arabia         1         480 kW           Arab National Bank         Saudi Arabia         1         910 kVA           Saudi Arabia         1         910 kVA           Saudi Arabia         4         1800 kW           State-owned Bank         Tailvann         2         1000 kVA           State-owned Bank         Tailvann         2         1500-2100 kVA           State-owned Bank         Tailvan         2         1540-2100 kVA           Flancial Center         United Arab Emirates         9         1540-2100 kVA	Award-Winning German Bank	Hong Kong	6	2000 kVA
Bank with offices in more than 15 countries         Netherlands         1         1400 kVA           Fortis Bank         Netherlands         2         400–630 kVA           ING Bank         Netherlands         2         2000 kVA           ACM Palmerston         New Zealand         1         110 kVA           Bank in the capital city         Russia         4         500 kVA           Foreign investment bank         Russia         2         440 kVA           A-Jazcera Bank         Saudi Arabia         1         180 kW           Al-Rajhi Bank         Saudi Arabia         1         910 kW           Arab National Bank         Saudi Arabia         1         910 kW           State-owned Bank         Talwan         2         1000 kW           State-owned Bank         Talwan         2         1500-200 kW           Bracelays Capital<	Bank Leumi	Israel	3	1600-2250 kW
Bank with offices in more than 15 countries         Netherlands         1         1400 kVA           Fortis Bank         Netherlands         2         400-630 kVA           ING Bank         Netherlands         2         2800 kVA           ACM Palmerston         New Zealand         1         110 kVA           Bank in the capital city         Russia         4         500 kVA           Foreign investment bank         Russia         2         440 kVA           Al-Jazcera Bank         Saudi Arabia         1         180 kW           Al-Rajhi Bank         Saudi Arabia         1         910 kVA           Arab National Bank         Saudi Arabia         1         910 kVA           State-owned Bank         Talwan         2         1000 kW           State-owned Bank         Talwan         2         1500 cW           Barciays Capital <td></td> <td></td> <td></td> <td></td>				
ING Bank         Netherlands         2         2800 kVA           ACM Palmerston         New Zealand         1         110 kVA           Bank in the capital city         Russia         4         500 kVA           Foreign investment bank         Russia         2         440 kVA           Al-Jazera Bank         Saudi Arabia         1         180 kW           Al-Rajh Bank         Saudi Arabia         1         910 kWA           Saudi Arabia         1         910 kWA           Saudi Arabia         4         1600 kW           State-owned Bank         Taiwan         2         1000 kWA           Abu Dhabi Financial Center         United Arab Emirates         9         1540-2100 kWA           Financial center         United Arab Emirates         9         1540-2200 kWA           Barclays Capital         United Kingdom         19         1540-2800 kWA           Merrill Lynch         United Kingdom         7         1000-2000 kWA           Merrill Lynch         United Kingdom         4         2750 kWA           Societe Generale         United Kingdom         4         2750 kWA           SunGard         United States         1         1820 kW           AlG         United Stat	Bank with offices in more than 15 countries	Netherlands	1	1400 kVA
ACM Palmerston         New Zealand         1         T10 kVA           Bank in the capital city         Russia         4         500 kVA           Foreign Investment bank         Russia         2         440 kVA           Al-Jazeera Bank         Saudi Arabia         1         180 kW           Al-Rajhi Bank         Saudi Arabia         1         400 kW           Arab National Bank         Saudi Arabia         1         910 kVA           State-owned Bank         Talwan         2         1000 kVA           State-owned Bank         Talwan         2         1000 kVA           Abb Dhabi Financial Center         United Arab Emirates         9         1540-2100 kVA           Financial center         United Arab Emirates         9         1540-2100 kVA           Financial center         United Kingdom         19         1540-2100 kVA           Fidelity         United Kingdom         7         1000-2000 kVA           Fidelity         United Kingdom         13         2200 kVA           Morrial Lynch         United Kingdom         13         2200 kVA           Morrial Lynch         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         4         250	Fortis Bank	Netherlands	2	400-630 kVA
Bank in the capital city         Russia         4         500 kVA           Foreign investment bank         Russia         2         440 kVA           Al-Jazeera Bank         Saudi Arabia         1         180 kW           Ar-Rajhi Bank         Saudi Arabia         1         910 kW           Arab National Bank         Saudi Arabia         1         910 kW           Saudi Arabia         4         1600 kW           State-owned Bank         Taiwan         2         1000 kW           Abu Dhabi Financial Center         United Arab Emirates         9         1540-2100 kW           Financial center         United Arab Emirates         9         1540-2100 kW           Barclays Capital         United Kingdom         19         1540-2100 kW           Barclays Capital         United Kingdom         7         1000-2000 kW           Barclays Capital         United Kingdom         7         1000-2000 kW           Barclays Capital         United Kingdom         7         1000-2000 kW           Merrill Lynch         United Kingdom         4         2750 kW           Morgan Stanley         United Kingdom         1         1100 kW           SunGard         United Kingdom         1         1100 kW <td>ING Bank</td> <td>Netherlands</td> <td>2</td> <td>2800 kVA</td>	ING Bank	Netherlands	2	2800 kVA
Foreign investment bank	ACM Palmerston	New Zealand	1	110 kVA
Al-Jazeera Bank         Saudi Arabia         1         180 kW           Al-Rajh Bank         Saudi Arabia         1         400 kW           Arab National Bank         Saudi Arabia         1         400 kW           Arab National Bank         Saudi Arabia         1         910 kVA           State-owned Bank         Talwan         2         1000 kVA           Abu Dhabi Financial Center         United Arab Emirates         9         1540-2100 kVA           Financial center         United Arab Emirates         9         1540-2100 kVA           Financial center         United Kingdom         19         1540-2100 kVA           Financial center         United Kingdom         19         1540-2800 kVA           Financial Center         United Kingdom         9         1540-2800 kVA           Financial Center         United Kingdom         7         1000-2800 kVA           Merrill Lynch         United Kingdom         7         1000-2200 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         1         1100 kVA           SunGard         United Kingdom	Bank in the capital city	Russia	4	500 kVA
Al-Rajhi Bank         Saudi Arabia         1         400 kW           Arab National Bank         Saudi Arabia         1         910 kVA           Saudi Arabian Cooperative Insurance Co.         Saudi Arabia         4         1600 kW           State-owned Bank         Talwan         2         1000 kVA           Abu Dhabi Financial Center         United Arab Emirates         9         1540-2100 kVA           Financial center         United Kingdom         19         1540-2800 kVA           Barclays Capital         United Kingdom         7         1000-2800 kVA           Fidelity         United Kingdom         7         1000-2000 kVA           Morgan Stanley         United Kingdom         3         2200 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         4         2750 kVA           SunGard         United States         1         1100 kVA           SunGard         United States         1         1600 kW           Arvest Bank         United States         1         1600 kW           Arvest Bank         United States         1         1820 kW           BMW Financial Services         United States         1	Foreign investment bank	Russia	2	440 kVA
Arab National Bank         Saudi Arabia         1         910 kVA           Saudi Arabian Cooperative Insurance Co.         Saudi Arabian         4         1600 kW           State—owned Bank         Taiwan         2         1000 kVA           Abu Dhabi Financial Center         United Arab Emirates         9         1540–2100 kVA           Financial center         United Arab Emirates         9         1540–2100 kVA           Barclays Capital         United Kingdom         19         1540–2800 kVA           Fidelity         United Kingdom         7         1000–2000 kVA           Merrill Lynch         United Kingdom         7         1000–2000 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         4         2550 kVA           SunGard         United Kingdom         4         2500 kVA           Areta         United States         1         1820 kW           AlG         United States         1         1600 kW           Arvest Bank         United States         2         60–1000 kW           Associated Bank         United States         1         1820 kW           Clitgroup Inc.         United States         1	Al-Jazeera Bank	Saudi Arabia	1	180 kW
Saudi Arabian Cooperative Insurance Co.         Saudi Arabia         4         1600 kW           State-owned Bank         Taiwan         2         1000 kWA           Abu Dhabi Financial Center         United Arab Emiriates         9         1540-2100 kWA           Financial center         United Kingdom         19         1540-2100 kWA           Barclays Capital         United Kingdom         19         1540-2200 kWA           Fidelity         United Kingdom         7         1000-2000 kWA           Merrill Lynch         United Kingdom         13         2200 kWA           Morgan Stanley         United Kingdom         4         2750 kWA           Société Générale         United Kingdom         1         1100 kWA           SunGard         United Kingdom         4         2500 kWA           Aetna         United Kingdom         4         2500 kWA           AlG         United States         1         1820 kW           AlG         United States         1         1600 kW           Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-150	Al-Rajhi Bank	Saudi Arabia	1	400 kW
State-owned Bank         Taiwan         2         1000 kVA           Abu Dhabi Financial Center         United Arab Emirates         9         1540-2100 kVA           Financial center         United Arab Emirates         9         1540-2100 kVA           Barclays Capital         United Kingdom         79         1540-2200 kVA           Bidelity         United Kingdom         79         1000-2000 kVA           Merrill Lynch         United Kingdom         13         2200 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         4         2500 kVA           Aetna         United States         1         1820 kW           AIG         United States         1         1800 kW           Arvest Bank         United States         2         60-1000 kW           Associated Bank         United States         2         60-1000 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         1         1500 k	Arab National Bank	Saudi Arabia	1	910 kVA
Abu Dhabi Financial Center         United Arab Emirates         9         1540–2100 kVA           Financial center         United Arab Emirates         9         1540–2100 kVA           Barclays Capital         United Kingdom         19         1540–2800 kVA           Fidelity         United Kingdom         7         1000–2000 kVA           Merrill Lynch         United Kingdom         13         2200 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         4         2500 kVA           Acta         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60–1000 kW           Associated Bank         United States         3         125–1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         1         1500 kW           Farmers Insurance Group         United States         1         1500 kW           Federal Reserve Bank of St. Louis         United States	Saudi Arabian Cooperative Insurance Co.	Saudi Arabia	4	1600 kW
Financial center         United Arab Emirates         9         1540–2100 kVA           Barclays Capital         United Kingdom         19         1540–2800 kVA           Fidelity         United Kingdom         7         1000–2000 kVA           Merrill Lynch         United Kingdom         13         2200 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         4         2500 kVA           Aetna         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60–1000 kW           Associated Bank         United States         3         125–1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         1         1820 kW           Citigroup Inc.         United States         1         1500 kW           Farmers Insurance Group         United States         1         1500 kW           Federal Reserve Bank of St. Louis         United States         2	State-owned Bank	Taiwan	2	1000 kVA
Barclays Capital         United Kingdom         19         1540–2800 kVA           Fidelity         United Kingdom         7         1000–2000 kVA           Merrill Lynch         United Kingdom         13         2200 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         4         2500 kVA           Aetna         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60–1000 kW           Associated Bank         United States         3         125–1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000–1500 kW           Farmers Insurance Group         United States         1         1500 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500–2000 kW           Liberty Mutual         United States         5         900–1250 kW </td <td>Abu Dhabi Financial Center</td> <td>United Arab Emirates</td> <td>9</td> <td>1540-2100 kVA</td>	Abu Dhabi Financial Center	United Arab Emirates	9	1540-2100 kVA
Fidelity         United Kingdom         7         1000-2000 kVA           Merrill Lynch         United Kingdom         13         2200 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         4         2500 kVA           Aetna         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         3         125-1600 kW           BMW Financial Services         United States         3         125-1600 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         7         1000-1500 kW           Farmers Insurance Group         United States         4         1000-1250 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         5         900-1250 kW<	Financial center	United Arab Emirates	9	1540-2100 kVA
Merrill Lynch         United Kingdom         13         2200 kVA           Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         4         2500 kVA           Aetna         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         3         125-1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000-1250 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         5         900-1250 kW           Morgan Stanley         United States         2         20000 kW	Barclays Capital	United Kingdom	19	1540-2800 kVA
Morgan Stanley         United Kingdom         4         2750 kVA           Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         4         2500 kVA           Aetna         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         3         125-1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000-1250 kW           Federal Reserve Bank of St. Louis         United States         2         1500-2000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         5         900-1250 kW           Morgan Stanley         United States         2         1820 kW           Space Coast Credit Union         United States         2         1820	Fidelity	United Kingdom	7	1000-2000 kVA
Société Générale         United Kingdom         1         1100 kVA           SunGard         United Kingdom         4         2500 kVA           Aetna         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         3         125-1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000-1250 kW           Federal Reserve Bank of St. Louis         United States         2         1000-2000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         5         900-1250 kW           Morgan Stanley         United States         5         900-1250 kW           Space Coast Credit Union         United States         2         1820 kW           Space Coast Credit Union         United States         3	Merrill Lynch	United Kingdom	13	2200 kVA
SunGard         United Kingdom         4         2500 kVA           Aetna         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         3         125-1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         1         1500 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         2         1500-2000 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         3         2000 kW           SunTrust Bank         United States         3         2000 kW <td>Morgan Stanley</td> <td>United Kingdom</td> <td>4</td> <td>2750 kVA</td>	Morgan Stanley	United Kingdom	4	2750 kVA
Aetna         United States         1         1820 kW           AIG         United States         1         1600 kW           Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         3         125-1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000-1250 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         2         1500-2000 kW           Morgan Stanley         United States         5         900-1250 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         3         2000 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         2         2000-22	Société Générale	United Kingdom	1	1100 kVA
AIG         United States         1         1600 kW           Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         3         125-1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000-1250 kW           Federal Reserve Bank of St. Louis         United States         2         1500-2000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         5         900-1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         3         2000 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20-150 kW           The Hartford Financial Services Group, Inc.         United States <td>SunGard</td> <td>United Kingdom</td> <td>4</td> <td>2500 kVA</td>	SunGard	United Kingdom	4	2500 kVA
Arvest Bank         United States         24         60-1000 kW           Associated Bank         United States         3         125-1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000-1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000-1250 kW           Federal Reserve Bank of St. Louis         United States         2         1500-2000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         5         900-1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         20-00 kW           TD Bank, N.A.         United States         3         20-150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000-2250 kW           Asia Commercial Bank (ACB Bank) </td <td>Aetna</td> <td>United States</td> <td>1</td> <td>1820 kW</td>	Aetna	United States	1	1820 kW
Associated Bank         United States         3         125–1600 kW           BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000–1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000–1250 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500–2000 kW           Liberty Mutual         United States         5         900–1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         2         1820 kW           Space Coast Credit Union         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	AIG	United States	1	1600 kW
BMW Financial Services         United States         1         1820 kW           Citigroup Inc.         United States         7         1000–1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000–1250 kW           Federal Reserve Bank of St. Louis         United States         2         1500–2000 kW           Humana         United States         2         1500–2000 kW           Liberty Mutual         United States         5         900–1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	Arvest Bank	United States	24	60-1000 kW
Citigroup Inc.         United States         7         1000–1500 kW           Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000–1250 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500–2000 kW           Liberty Mutual         United States         5         900–1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	Associated Bank	United States	3	125–1600 kW
Countrywide         United States         1         1500 kW           Farmers Insurance Group         United States         4         1000–1250 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500–2000 kW           Liberty Mutual         United States         5         900–1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	BMW Financial Services	United States	1	1820 kW
Farmers Insurance Group         United States         4         1000–1250 kW           Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500–2000 kW           Liberty Mutual         United States         5         900–1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	Citigroup Inc.	United States	7	1000–1500 kW
Federal Reserve Bank of St. Louis         United States         2         1000 kW           Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         5         900-1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20-150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000-2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30-500 kVA	Countrywide	United States	1	1500 kW
Humana         United States         2         1500-2000 kW           Liberty Mutual         United States         5         900-1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20-150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000-2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30-500 kVA	Farmers Insurance Group	United States	4	1000–1250 kW
Liberty Mutual         United States         5         900–1250 kW           Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	Federal Reserve Bank of St. Louis	United States	2	1000 kW
Morgan Stanley         United States         2         2000 kW           Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	Humana	United States		1500–2000 kW
Scottrade, Inc.         United States         2         1820 kW           Space Coast Credit Union         United States         6         150 kW           SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	Liberty Mutual	United States		900–1250 kW
Space Coast Credit UnionUnited States6150 kWSunTrust BankUnited States32000 kWTD Bank, N.A.United States320–150 kWThe Hartford Financial Services Group, Inc.United States22000–2250 kWAsia Commercial Bank (ACB Bank)Vietnam15030–500 kVA	Morgan Stanley	United States		2000 kW
SunTrust Bank         United States         3         2000 kW           TD Bank, N.A.         United States         3         20–150 kW           The Hartford Financial Services Group, Inc.         United States         2         2000–2250 kW           Asia Commercial Bank (ACB Bank)         Vietnam         150         30–500 kVA	Scottrade, Inc.	United States		1820 kW
TD Bank, N.A.United States320–150 kWThe Hartford Financial Services Group, Inc.United States22000–2250 kWAsia Commercial Bank (ACB Bank)Vietnam15030–500 kVA	Space Coast Credit Union	United States	6	150 kW
The Hartford Financial Services Group, Inc.     United States     2     2000–2250 kW       Asia Commercial Bank (ACB Bank)     Vietnam     150     30–500 kVA	SunTrust Bank	United States	3	2000 kW
Asia Commercial Bank (ACB Bank) Vietnam 150 30–500 kVA	TD Bank, N.A.	United States		20–150 kW
	The Hartford Financial Services Group, Inc.	United States	2	2000-2250 kW
Largest Private Bank in VietnamVietnam3040–100 kVA	Asia Commercial Bank (ACB Bank)	Vietnam	150	30-500 kVA
	Largest Private Bank in Vietnam	Vietnam	30	40–100 kVA

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