

# POWER SYSTEMS

for Hospitality Facilities



**KOHLER**<sup>®</sup>  
IN POWER. SINCE 1920.

# KOHLER® AND SDMO®: OUR STORY

*A global force in power solutions since 1920, Kohler 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 generator sets. Together, we've built on the legacy of two leading brands to create one of the largest generator manufacturers in the world—and continued an unwavering focus on reliable power systems and innovation.*

*Our R&D, manufacturing, sales, service and distribution facilities span the globe from Kohler, Wisconsin, to Brest, France. And while we've maintained two world-renowned brand names, today KOHLER and SDMO operate 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 hotels 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.*





# HOSPITALITY'S GONE HIGH TECH. SO HAVE BACKUP SYSTEMS.

Years ago, hospitality needs were simpler. Casino guests were happy pulling manual slot machine levers. Hotel guests required little more than a clean room to rest in. And stadium goers were there for the game—not all the action surrounding it. These days, however, people have much different expectations, and they're driving a huge need for reliable backup power.



### **ALL-IN-ONE ENTERTAINMENT**

With stadiums or theme parks at the center, many new entertainment complexes are offering guests everything they need in one location. They can catch a game, relax at a spa, enjoy a high-end meal and rest in their hotel room—all on the same property or complex. This approach raises the stakes for backup power.

### **HIGH-TECH HOTELS**

Rising affluence has led to more travelers from around the world. Whether they're traveling for business or leisure, these guests expect fast, reliable Wi-Fi, digital reservation systems, mobile check-in, mobile concierge services and more. Those attending business meetings also expect hotels and conference centers to have high-quality tech equipment.

### **A NEW TYPE OF CASINO**

To attract new customers, casinos are developing different types of games including fantasy sports, eSports and online wagering. These new games all require a significant amount of data and constant connectivity. And whether they're playing these new games or the classics, guests expect their financial information to be secure.

## **Keep your power on—even when the power's out.**

Kohler makes it easy. From planning to postinstallation, our team will take care of you every step of the way—with a power solution customized to your needs.



# ASSESSING FACILITY NEEDS

Today's critical power needs go far beyond keeping the lights on. Whether they're traveling for work or visiting an amusement park, people expect a safe, hassle-free experience. And that means features we once thought of as extras, such as Wi-Fi and big-screen TVs, need to be online 24/7 to keep guests satisfied and earn the positive reviews your business depends on.

## SAFETY

The safety of your guests is of the utmost importance—especially if you're operating a theme park where a power outage could leave guests stranded on a ride. Hotels, casinos, stadiums and other entertainment complexes must make safety a priority as well, ensuring fire warning systems, water sprinklers and other safety equipment work during a power outage.

## LOCATION & SOUND

Generators must meet NFPA, UL, electrical and state building codes and ensure that placement meets all space requirements for maintenance and safety. In addition, generators must meet any local noise ordinances.

## EMISSIONS

Standby and prime application emissions standards vary around the globe including requirements for EPA Tier, EU and China Stage, India CPCB and many other regional equivalencies. In addition, local certifications such as CARB or AQMD in the U.S. need to be considered.

## BEYOND BACKUP POWER

Many hotels and other facilities use generators to supplement their power capacity for special events including outdoor weddings, political conferences and large receptions.



# POWER CONSIDERATIONS

Each hospitality facility must be ready to operate without power in the case of threatening weather, weakness in the power grid or even construction accidents. Yet each has unique power needs based on its design, size and the loads it needs to carry. All of these considerations can lead to a customized solution.

## TOTAL SYSTEM INTEGRATION

Every detail down to the last bolt. This isn't your typical power system. It's a KOHLER® industrial power system—which means it's designed and manufactured with KOHLER components—including generators, transfer switches, paralleling switchgear and controllers. But the best part? We customize every power system to your specs. So no matter how large or complex your job, everything will work together seamlessly.

## UPTIME AND RELIABILITY

Backup systems must start quickly and reliably. In addition, a generator must maximize uptime and minimize operating costs. Paralleling multiple redundant generators ensures 100% uptime even when one or two units are down.

## PERFORMANCE

A reliable power system plays a major role in helping hospitality facilities ensure the safety and satisfaction of their guests. 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.

## KOHLER Generator Sets

- Generators meet tough industry testing and quality standards
- PMG alternators provide advanced short-circuit capabilities
- Diesel generators feature superior load factor, reliability and availability, and they offer one-step load acceptance

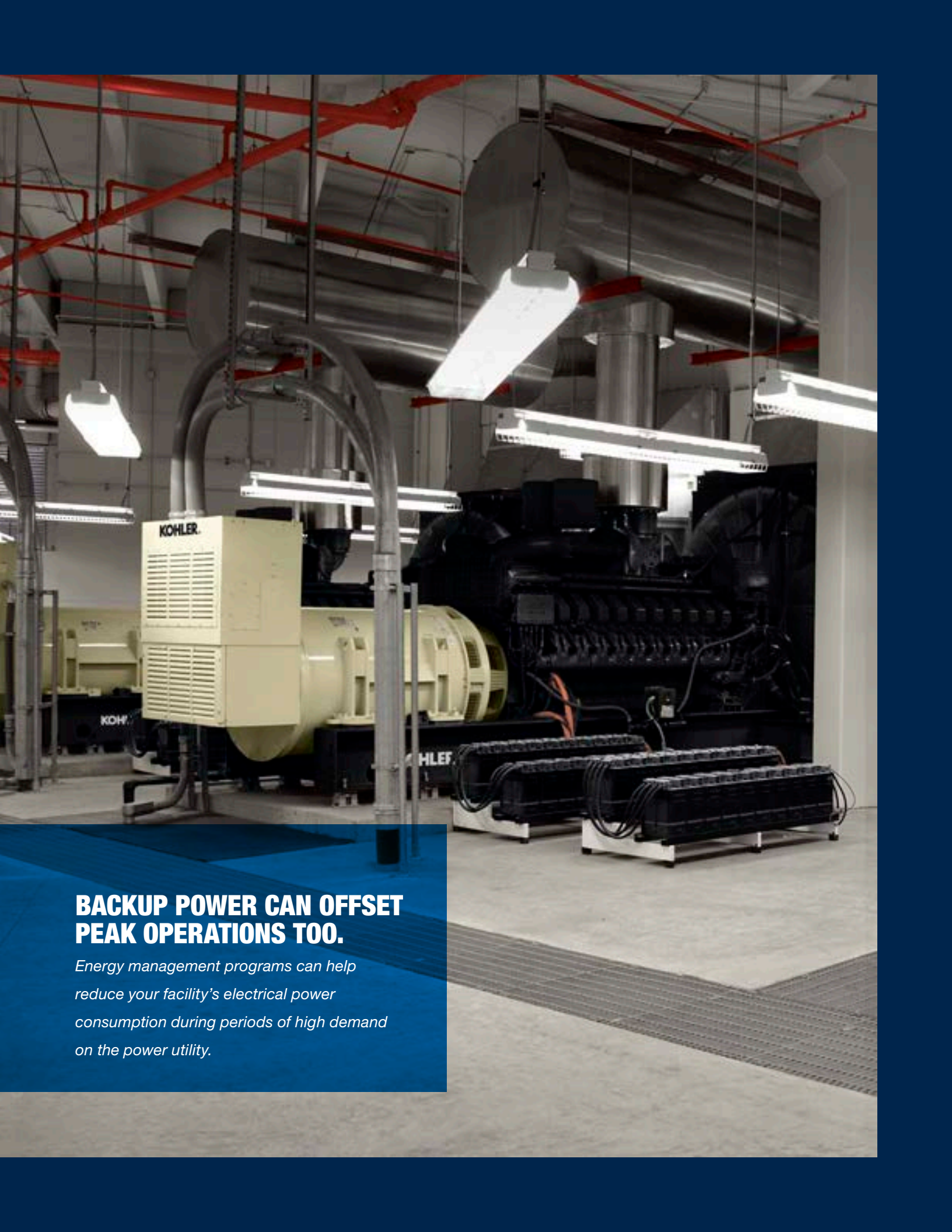
## KOHLER Automatic Transfer Switches (ATS)

- Built and tested in Kohler, Wisconsin
- Part of a fully integrated solution
- Includes standard, bypass-isolation and service-entrance configurations
- CSA and IBC certification available

## KOHLER Switchgear

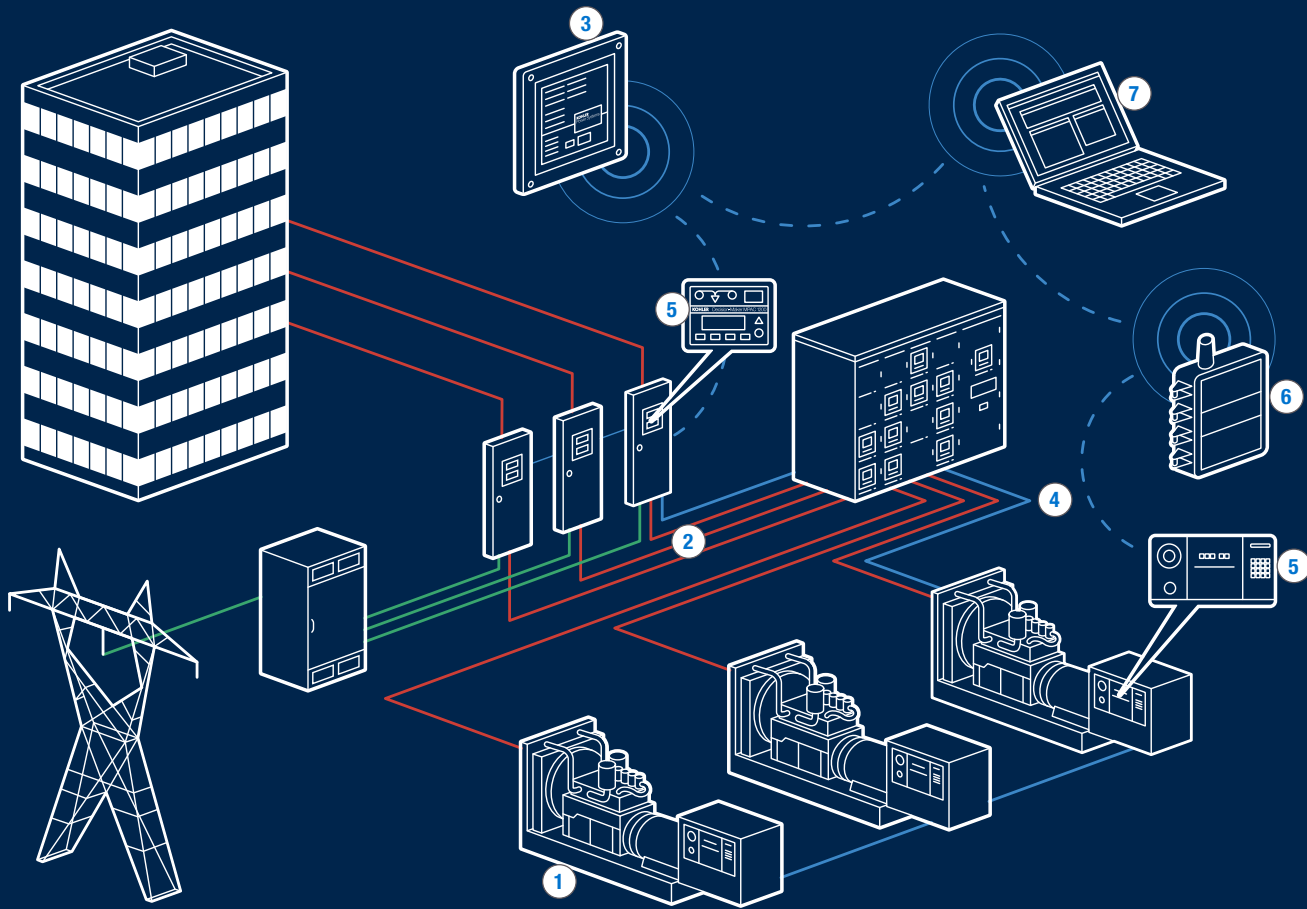
- Built and tested in Kohler, Wisconsin
- Part of a fully integrated solution
- Simple and complex solutions available





**BACKUP POWER CAN OFFSET  
PEAK OPERATIONS TOO.**

*Energy management programs can help reduce your facility's electrical power consumption during periods of high demand on the power utility.*



**1 KOHLER® GENERATOR**  
 Gas generators 25–1300 kW  
 Diesel generators 10–4000 kW

**2 KOHLER AUTOMATIC TRANSFER SWITCH**  
 Open, closed and programmed transition operating modes; standard, bypass-isolation and service-entrance switch configurations

**3 KOHLER REMOTE ANNUNCIATOR**  
 Remote monitoring and testing of transfer switches

**4 KOHLER PARALLELING SWITCHGEAR**  
 Low and medium voltage

**5 KOHLER DECISION-MAKER® CONTROLLER**  
 Control, monitor and system diagnostics

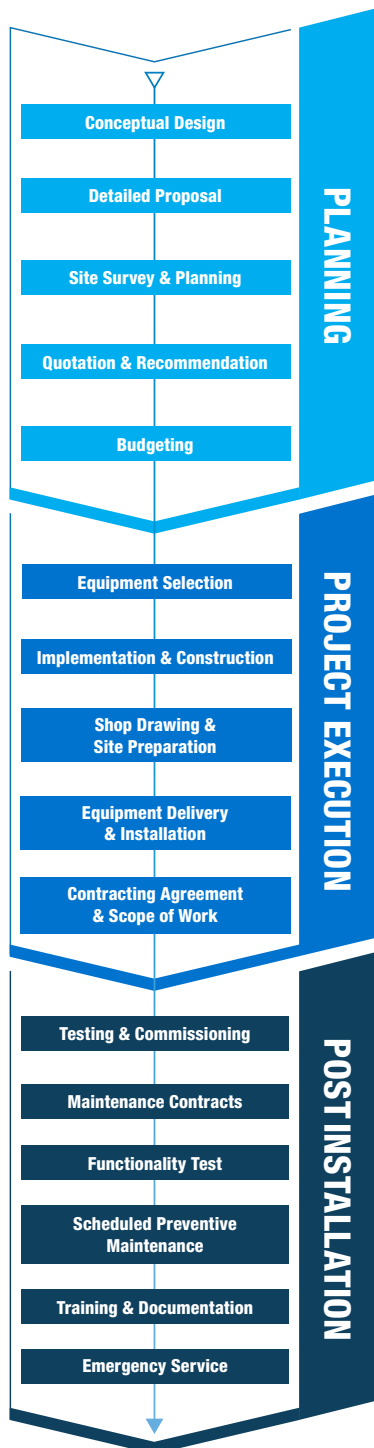
**6 KOHLER WIRELESS MONITOR**  
 Performance monitoring around the clock

**7 KOHLER MONITORING SOFTWARE**  
 Monitors generators and transfer switches from a PC



# THE KOHLER® DIFFERENCE

# TOTAL SYSTEM INTEGRATION



As a single-source provider, you can be confident that every power system is loaded with designed and manufactured components from Kohler. **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 KOHLER 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 KOHLER/SDMO® 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 Kohler’s agile manufacturing process to deliver your purpose-built solution.

## Local Service:

## Nationwide or Around the World

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

## FACILITIES THAT PUT THEIR TRUST IN KOHLER® AND SDMO®

HOTELS	COUNTRY	QTY	kW/kVA
Juffair Grand Hotel Bahrain	Bahrain	1	300 kVA
DoubleTree by Hilton Hotel and Suites Victoria Hotel	Canada	1	250 kW
Le Germain Charlevoix Hotel & Spa	Canada	1	450 kW
Regina Inn Hotel and Conference Centre	Canada	1	230 kW
Shangri-La Toronto	Canada	1	2000 kW
Award-winning luxury hotel group—Qin Huang Dao location	China	1	1850 kVA
Hengshan hotel with more than 70-year history	China	1	1750 kVA
High-end business hotel in Changfeng	China	1	1285 kVA
Hotel company with 4000 hotels worldwide—Haikou location	China	2	2800 kVA
International Suzhou Hotel is part of a chain with 75 five-star hotels	China	1	1800 kVA
Hotel Jadran	Croatia	1	1000 kVA
Dynaf Caribbean	Curacao	2	275-440 kVA
Grand Bahia Principe Bavaro Resort	Dominican Republic	2	1145 kVA
Toberua Resort	Fiji	2	21-44 kVA
Vunabaka Resort	Fiji	1	330 kVA
Domaine Le Billardier	France	1	350 kVA
Hotel Le Grillon, Paris	France	1	686 kVA
Hôtel Royal	France	1	220 kVA
Le Cheval Blanc, Paris	France	1	1650 kVA
Louvre Hotel	France	1	200 kVA
Martin's Hotel du Hainaut	France	1	550 kVA
Hôtel Le Toiny	Guadeloupe	1	275 kVA
Tai Yuen Street hotel	Hong Kong	2	400-1000 kVA
Five-star hotel in Kolkata	India	1	320 kVA
Beach hotel in Kolhapur	India	2	380 kVA
One of Asia's largest hotel companies with 93 hotels—Chennai location	India	1	1500 kVA
Subsidiary of a multinational hotel brand with over 3000 hotels worldwide—Jakarta location	Indonesia	4	1100-1500 kVA
Oceana	Jamaica	1	1100 kVA
Saraya Aqaba Resort	Jordan	8	700-1100 kVA
W Amman Hotel	Jordan	2	1100 kVA
Park Inn by Radisson	Kazakhstan	1	1250 kVA
Royal Hotel	Lebanon	3	1540-2000 kVA
Hotel Barcelo Riviera Maya	Mexico	6	1145-1160 kVA
Hotel Riu Los Cabos	Mexico	3	910 kVA
Hotel Riu Riviera Maya	Mexico	2	1145 kVA
Riviera Maya Fiesta Americana	Mexico	2	1150 kVA
Monte-Carlo SBM	Monaco	1	1000 kVA
Hôtel Al Massira	Morocco	1	275 kVA
Deluxe five-Star Sedona Hotel in Mandalay	Myanmar	4	636-727 kVA
Grand Amara Hotel in Nay Pyi Taw	Myanmar	3	500 kVA
Green Hill Hotel in Yangon	Myanmar	2	200-341 kVA
Royal President Hotel	Myanmar	2	573 kVA
Eko Hotels Limited	Nigeria	1	2500 kVA
Kempinski Hotel Muscat	Oman	4	1100-2100 kVA
DoubleTree	Qatar	3	686 kVA
Salwa Beach Resort	Qatar	8	1900-2200 kVA
Club Med Cap Skirring	Senegal	1	825 kVA
Hôtel Hyatt	Senegal	6	165-825 kVA
Bahia Principe	Spain	2	1150 kVA
Fiesta Hotel	Spain	4	1150 kVA
Hilton Valencia	Spain	1	1400 kVA
Hotel Barceló Malaga	Spain	1	550 kVA
Award-winning five-star hotel	Taiwan	2	1875 kVA
Samui Palm Beach Hotel	Thailand	1	630 kVA
Subsidiary of a multinational hotel brand with over 3000 hotels worldwide—Bangkok location	Thailand	1	1563 kVA
Upscale French hotel group with over 20 years of operation in Asia-Pacific—Bangkok location	Thailand	1	1250 kVA
ONOMO Hotel Lomé	Togo	1	440 kVA
Fairmont Hotel	United Arab Emirates	1	1650 kVA
Majestic Hotel Tower	United Arab Emirates	1	220 kVA

HOTELS	COUNTRY	QTY	kW/kVA
Plaza View Hotel	United Arab Emirates	7	900-1403 kVA
Tiara Hotel & Resort	United Arab Emirates	1	1540 kVA
Aloft Hotels	United States	5 locations	60-400 kW
Courtyard by Marriott, New York	United States	1	400 kW
Hampton Inn & Suites	United States	17 locations	40-350 kW
Hilton Garden Inn	United States	8 locations	40-600 kW
Holiday Inn	United States	14 locations	15-200 kW
Homewood Suites by Hilton	United States	5 locations	60-150 kW
Hyatt at Olive 8—Seattle	United States	1	1500 kW
Marriott Milwaukee Downtown	United States	1	500 kW
Sheraton Hotel, Austin	United States	1	500 kW
The Miami Beach EDITION	United States	1	800 kW
The Ritz-Carlton, South Beach	United States	1	500 kW
West Valley Resort (Arizona)	United States	1	2000 kW
Wyndham Worldwide, Parsippany	United States	1	1000 kW
Five-star hotel in Ho Chi Minh	Vietnam	2	1800 kVA
Leading international hospitality & spa company—Lang Co location	Vietnam	6	1500 kVA
Prestigious spa resort in Nha Trang	Vietnam	2	400 kVA
Resort in the Lam Dong province	Vietnam	3	500-1800 kVA
Marriott's Frenchman's Cove	Virgin Islands	2	1500 kW
CASINOS	COUNTRY	QTY	kW/kVA
Redevelopment project that includes a hotel and casino	Australia	12	800-2500 kVA
Windsor Casino	Canada	1	2000 kW
Developer and operator of casino gaming and entertainment resort facilities	Macau	8	2000 kVA
Casino in Macau	Macau	9	2250 kVA
Akwesasne Mohawk Casino (New York)	United States	2	1750 kW
Cherokee Casino (Oklahoma)	United States	3	2000 kW
Chinook Winds Casino (Oregon)	United States	1	1750 kW
Coconut Creek Casino (Florida)	United States	3	1600 kW
Desert Diamond Casino (Arizona)	United States	1	1000 kW
Fingerlakes Casino (New York)	United States	2	600 kW
Hard Rock Casino (Florida)	United States	1	2000 kW
Harrah's Margaritaville (Mississippi)	United States	4	2000 kW
Ho Chunk Gaming (Wisconsin)	United States	1	1750 kW
Hollywood Casino (California)	United States	1	2000 kW
Meskwaki Hotel & Casino (Iowa)	United States	2	2000-2800 kW
Osage Casino (Oklahoma)	United States	2 locations	2000 kW
Pinnacle Casino (Louisiana)	United States	5	300-2000 kW
Divi Carina Bay Resort & Casino	Virgin Islands	1	1000 kW
TOURIST ATTRACTIONS	COUNTRY	QTY	kW/kVA
Centre de Ski de Fond LA BESSANNAISE	France	1	165 kVA
Koala attraction at Waterfront	Hong Kong	1	150 kVA
Resort on Lantau Island with hotels and a theme park	Hong Kong	1	40 kVA
Taipei Cultural Centre	Taiwan	1	1250 kVA
Bangkok Theater for Thailand's arts and cultural heritage	Thailand	3	1000 kVA
Augusta National Golf Club	United States	4	60-400 kW
Citi Field (New York)	United States	1	1250 kW
Disney World (Florida)	United States	4	150-1000 kW
Disneyland (California)	United States	6	250-600 kW
Las Vegas Convention Center	United States	2	1000 kW
Nationals Park (Washington, D.C.)	United States	2	1000-1600 kW
New Era Field (New York)	United States	1	600 kW
Orange County Convention Center (Florida)	United States	1	400 kW
Peabody Convention Center (Florida)	United States	2	1250 kW
Royal Caribbean—Cape Liberty Cruise Terminal (New Jersey)	United States	2	500-1000 kW
Royal Caribbean—Port Canaveral Cruise Terminal (Florida)	United States	1	2250 kW
Sea World of Florida	United States	3	180-600 kW
Sea World of San Diego	United States	1	600 kW
Universal Studios Orlando	United States	5	40-800 kW
Largest entertainment and tourism complex in north Vietnam located in Hanoi	Vietnam	1	1000 kVA

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