



**INTEGRATED
POWER SYSTEMS
FOR CONSTRUCTION**





“Project after project, two principal reasons have driven us to select Cat® generator sets: these products meet the highest standards for quality, and RIMCO (local Cat dealer) supports them with exceptional service.”

– Steven Hernandez, project engineer for Interlink

Interlink is the leading resort, hotel and high-end residential developer in the Caribbean, creating unique communities that enhance the value of these properties while thriving in harmony with nature. Caterpillar provides reliable standby power systems for customer residences and construction facilities.

CUSTOMER

Interlink

LOCATION

San Juan, Puerto Rico

CUSTOMER BUSINESS ISSUE

Standby power for residential customers and construction projects

SOLUTION

- One Olympian™ 17 kW GEP14SP4 diesel generator set
- Two Olympian 20 kW GEP16SP4 diesel generator sets
- One Cat 40 kW D40-4S diesel generator set
- Eight Cat 50 kW D50-4S diesel generator sets
- Two Cat 75 kW D75-4S diesel generator sets
- Cat Automatic Transfer Switches (ATS)
- Service and maintenance

CAT DEALER

RIMCO

IT'S OUR JOB TO PROTECT YOURS.

Whatever your unique challenges, Caterpillar can solve them by creating a fully integrated power system – developed from our complete range of proven, long-lasting products. Once we assess your specific situation, we will configure the ideal components and tailor them to work seamlessly together. This optimized power system includes all the attachments and performance options that are vital to the success of your particular application.

We serve hundreds of construction sites across the globe but, like fingerprints, no two are the same. Our job is to satisfy every critical item on your checklist – from meeting local regulations for emissions and noise, to minimizing fuel consumption, to reducing overall costs. That's why many of the world's largest and most complex construction projects rely on Cat power systems.



RENTAL GENERATOR SETS



MOBILE POWER

From supplying power to your job trailer and on-site office equipment to powering tools, Cat Rental Power offers the equipment and expertise you need to get the job done on time and on budget.

Rental equipment includes:

- Mobile generators 20 kW-2 MW
- Cable
- Distribution panels

TEMPERATURE CONTROL

Whether you require heating for ground thawing and work space comfort in the dead of winter, or chilled water and air for process cooling and work space comfort in the high heat of summer, Cat Rental Power has the solution for you.

Rental equipment includes:

- Heaters
- Air conditioners
- Air-cooled liquid chillers
- Air handlers

COMPRESSED AIR

Air compressor packages from Cat Rental Power provide reliable, clean, dry and oil-free air for almost any application.

Rental equipment includes:

- Compressors 185-1600 cfm; 100-500 psi
- Hose
- Accessories

To rent power, temperature control or compressed air equipment, call your local Cat dealer at 800-RENT-CAT.

POWER PROFILE

NORTH CHURCH GRAVEL

North Church Gravel, an extensive sand and gravel supplier, serves a variety of major finished concrete block product manufacturers, as well as numerous large land development contractors.

They turned to Caterpillar for temporary power to launch the expansion of the company's 365-acre site. To remain fully operational until new utility service was installed, they required a temporary generator set to provide electrical power for office buildings and processing equipment, including crushers and conveyors.

Working with Cat dealer, Foley Power Systems, the operators of North Church Gravel selected the Cat XQ800 mobile diesel generator set powered by the fuel-efficient Tier 4 Interim Cat C27 diesel engine.

"The Cat XQ800 generator set was reliable, sturdy, user-friendly and very maneuverable," said Frank Gelewski, facility manager for North Church Gravel. "We have used Cat products for years, and are very impressed with the quality of their generator sets, as well as the exceptional customer service provided by Foley."



**NORTH CHURCH GRAVEL –
FRANKLIN, NEW JERSEY, USA**



DIESEL GENERATOR SETS

CAT® DIESEL GENERATORS
12 to 17,460 kW / 15 to 21,825 kVA

“These generator sets have never failed in all the years we have used them. As long as these units are properly maintained, they are always ready to perform well in the event of an emergency.”

– Roberto Rosa Trujillo, president of Elements of Living PR

To keep your machinery functioning properly, you need to be sure your power source is never compromised. We are a leader in the manufacture of diesel and gas generator sets and mission critical applications, with more than 450,000 kW installed in construction sites in a single year.

We are also a leader in developing cleaner and more efficient generator sets to meet the increasingly stringent global emission requirements. Our focus on optimized engine performance to achieve lower emission levels has resulted in more cost-effective solutions for you.

Whether you install a Cat generator set for continuous or standby use, your site will be protected with consistently reliable performance. Our engineering programs demand some of the most stringent testing requirements in the industry, which means our products are manufactured to run for thousands of hours without overhaul.

Construction sites can reduce operating costs by implementing a combined heat and power (CHP) system. Cat generator sets can simultaneously provide electricity for electrical loads and convert waste heat into a server cooling source via absorption chillers. The result is a power system with energy efficiency up to 90 percent, reduced energy costs, smaller carbon footprint, and Energy Efficiency Points toward Leadership in Energy and Environmental Design (LEED) Certification.



EQUIPPING YOU TO MEET THE CHALLENGES OF THE CONSTRUCTION INDUSTRY.

How can you do more in less time? That's the universal challenge facing all construction contractors. Your projects are becoming larger and more complex, regulatory restrictions are increasing, and yet your construction schedules are being shortened. These constraints are resulting in longer workdays and more fatigue, which also increases your challenge to maintain a safe working environment for you and your employees.

Aside from diesel generator sets to keep your power going, Caterpillar has the turnkey solutions you need to build a successful construction contracting business, from a complete range of machines to experienced local dealers to comprehensive product support:

- A full line of industry-leading construction equipment to handle any job – from Skid Steer Loaders to Hydraulic Excavators to Telehandlers
- Over 35 types of work tool attachments – the widest selection in the industry
- The largest dealer network for parts, service and support
- Innovative technologies to increase machine efficiency and operator productivity
- Operator training to maximize productivity and avoid costly mistakes
- Comprehensive safety materials and programs to help reduce accidents and control insurance costs
- Cleaner, quieter machines to meet regulatory requirements, helping you avoid fines and damage to your reputation



DEALER CAPABILITY/ PRODUCT SUPPORT

Your power system simply cannot fail. To ensure that you are able to maintain your system simply and affordably, we offer Extended Service Coverage (ESC), Customer Support Agreements (CSA) and unparalleled parts availability.

EXTENDED SERVICE COVERAGE

Your ESC offers transferable coverage beyond the standard warranty period, potentially increasing the resale value of your Cat electric power products. ESC protects against unexpected repair bills, and offers a hedge against rising parts and labor costs by providing 100 percent parts and labor reimbursement for covered components, less any applicable deductible. The broad range of coverage options which can be customized to suit your individual needs, combined with simple pricing terms, provide confidence and peace of mind toward your power system's performance.

CUSTOMER SUPPORT AGREEMENT

Your CSA is an individualized arrangement between you and your Cat dealer that helps you maintain your products while lowering your cost per unit of production, regardless of the size or age of your product. Agreements are tailored to fit your business needs and can range from simple preventive maintenance kits to sophisticated total cost performance guarantees. No matter which option you choose, you can be assured that your Cat dealer will provide you with the careful planning and ongoing attention that will help you succeed.

PARTS AVAILABILITY

Your Cat dealer is equipped with a parts inventory and access to the global Cat parts network to fulfill 98 percent of parts orders within 24 hours from the time of order. We know that having the right parts on hand is crucial to keep your power system running, so we also provide 24/7 access to information at parts.cat.com. Here you will find videos, reference material and specs on Cat original, Classic and remanufactured parts, as well as information on repair and maintenance parts for your Cat electric power products, all manufactured to original equipment specifications and recommended by Caterpillar.



LEXE0609-00 March 2013

CAT, CATERPILLAR, their respective logos, Classic, Olympian, "Caterpillar Yellow," the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission. © 2013 Caterpillar. All Rights Reserved.

