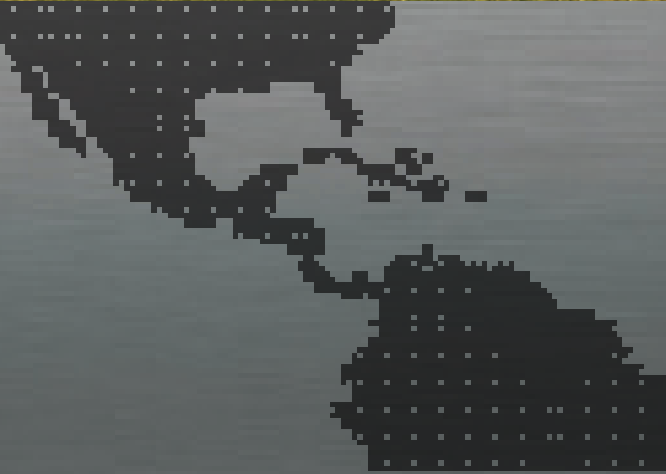


**EMD® Series
Diesel Generators**
For Industrial
Power Solutions

**Resource
Power Group**

RPG



About RPG

Resource Power Group (RPG) is the trade name for Louisiana Machinery Company LLC's large, medium speed engine business. The company was established in 1933 and is a privately-owned business. RPG is an authorized distributor for EMD® engines, for Mitsubishi and Napier turbochargers, as well as Heinzmann and Regulateurs Europa governors and Noris controls.

RPG, with offices in New Orleans, Ciudad del Carmen (Mexico), and Panama City (Panama), focuses on power generation, marine, gas compression, and industrial applications in the Caribbean, Mexico, and Central America.

Our RPG EMD® 710 AND 645 Series Medium Speed Diesel Generators

Our team of engineers and technicians leverages decades of knowledge and experience to meet your unique site requirements and specifications, ensuring the design, procurement, fabrication, assembly, and testing of each diesel generator unit.

A typical diesel generator project includes the following features:

- ✓ Diesel engine prime mover, EMD medium speed (750 or 900 rpm) for continuous duty rating (COP) (8760 hours per year) with a 10% overload capacity available for 2 hours out of every 24 hours.
- ✓ Alternator 50 Hz and 60 Hz rated output ranging from 1.1 to 3.7 MWatts, in low and high voltages
- ✓ Steel fabricated skid
- ✓ Custom-designed and fabricated control systems
- ✓ Low or medium voltage Switchgears
- ✓ Auxilliary components such as cooling systems, air intake, exhaust and fuel systems
- ✓ Sound attenuated outdoor weather enclosures
- ✓ Thorough factory testing of the assembled genset using resistive and reactive load banks, and large motors to simulate site loading conditions
- ✓ Full documentation package, including physical drawings, schematics, wiring diagrams, operating instructions, maintenance schedules, and recommended spare parts
- ✓ Bespoke training available

Industries Served



Utilities



Mining



Oil & Gas



Manufacturing



Cement
Industry



Wastewater
Treatment

Full Systems Integration

EMD Series Diesel Generators are designed to meet the most demanding applications.

- ✓ EMD Series Diesel Generator ranging from 1100 to 3700 kW
- ✓ Digital Controller – Controls, monitors and aids system diagnostics
- ✓ Wireless Monitor – Monitors performance around the clock
- ✓ Paralleling Switchgear – Low and medium voltage

Pioneer and Reliable

Harnessing nearly a century of engineering expertise, our EMD Series™ RPG Diesel Generator epitomizes innovation and dependability, engineered for longevity well into the future. Each component undergoes meticulous engineering, testing, and integration by RPG's specialists. Guided by the ERP quality-management system, every phase of development—from initial production to the engine's entire lifecycle—is meticulously monitored to uphold unparalleled standards of excellence.

Tested and Approved

Created specifically for generator applications, our EMD Series™ RPG Diesel Generator combines power with superior efficiency. Our generators meet tough industry testing and quality standards. Customers worldwide continue to choose the RPG Diesel Generators powered with the EMD® 710 and EMD® 645 Series engines for its significant advantages in power, durability, and responsiveness, which is unmatched in the industry.

Smooth-Running

The RPG Diesel Generator runs smoothly, quietly, and with low vibration—even under extreme operating conditions—extending service life and delivering cost-effective performance.

Best In-Class Transient Response

The RPG Diesel Generator combines high-speed engine performance with the durability of a medium-speed engine. Its ample power margin across the entire speed range enables optimized engine sizing. It can take the 100% continuous load impact recovering its normal speed (900 rpm) in approximately 13 seconds.

Biodiesel

The EMD Medium Speed 2-stroke diesel engine is approved to use of up to 20% biodiesel blend for EMD® 645 and 710 series helping customers achieve their aggressive decarbonization goals.

HVO-Ready

HVO provides a cleaner and more sustainable alternative to conventional diesel and biofuels. No adaptation is needed and both HVO and diesel can be mixed. HVO is also highly stable with no sensitivity to oxidation, so it can be stored long-term. It is also up to 90% carbon neutral and sourced entirely from waste products.



Connect With Us

Selecting an EMD Series™ RPG Diesel Generator, is gaining access to a comprehensive warranty, direct factory support, and an extensive network of highly skilled, factory-trained engineers and technicians. Our strategically located parts distribution centers ensure prompt delivery of essential components.

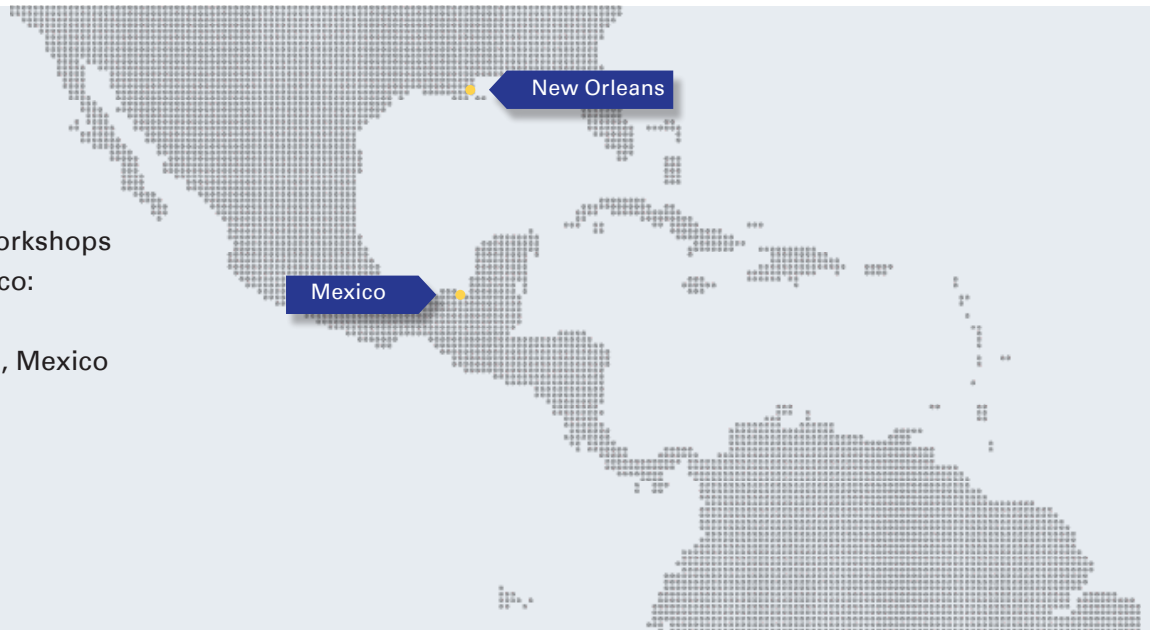
Are you prepared to develop a customized power solution? Contact us today. Drawing on our expertise and flexible manufacturing capabilities, we will turn your power generation projects into tangible reality.



Service

Currently we have workshops in Louisiana and Mexico:

- New Orleans
- Ciudad del Carmen, Mexico



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