

ENERGY MANAGEMENT

MAKE YOUR ENERGY WORK FOR YOU



POWER THAT'S READY WHEN YOU ARE

As grid demand grows, so do your concerns. What will happen in a major outage? How can you do your part to reduce your operational footprint? Be ready for anything and turn your CapEx into an OpEx decision.

Our Energy Management optimizes energy production and consumption—all at a lower cost to your business and our planet.

BRINGING ENERGY SOLUTIONS FULL CIRCLE



MANUFACTURED HERE, TO OPTIMIZE ENERGY EVERYWHERE

From investing in cleaner energy to powering a smarter grid, we're leading the way to a more sustainable world.

- ISO 140001 Certified
- Energy Star Partner
- AESP Energy Award Recipient
- Edison Award Recipient
- Cleanie Award Recipient

1000+
ENGINEERS
worldwide

Doing business in over
150
COUNTRIES

4.6
MILLION SQ. FT
of manufacturing
and distribution

Manufactured in the
U.S.A.

ENERGY MANAGEMENT SOLUTIONS

With Generac and our partner network, you have support at every phase of your advanced power management project. We'll help you find the optimal solution, from turnkey options to custom-designed systems.

Plus, we'll make sure you're covered with financing services, industry-leading warranties, sensible service agreements, and parts that are always available.

CHECK OUT OUR COMPLETE PORTFOLIO OFFERING



END-TO-END TURNKEY SOLUTIONS

Make your total solution turnkey, from install through the long haul. We'll upgrade your existing OEM equipment with industry-leading remote monitoring and demand response software with curtailment and dispatch. You'll also get competitive financing options upfront and ongoing maintenance.



MICROGRID INTEGRATION

We'll work with you to build an optimized self-contained network that allows you to generate your own electricity onsite. So when you need it, it's ready on your terms. Connect to the grid or run in "island" mode—the power is in your control. Microgrids can combine natural gas generators, renewable energy resources (solar, wind, hydro, geothermal), and battery energy storage.



REMOTE MICROGRIDS

Remote Microgrids benefit both the utility company and its business customers, especially those at the end of the distribution line. Utilities can leverage the microgrid and distribute its energy resources with higher resiliency and cost effectiveness to the running transmission lines. Interested? We can help guide you through the application requirements.



BEHIND THE METER

Make sure your power is available before you pay a dime to the utility company. Our natural gas line of products handle varying loads required for block loading, load transients, operational flexibility, and a broad operating window.

CONTINUED >

ENERGY MANAGEMENT SOLUTIONS

ONE SOURCE INTEGRATED SOLUTIONS

OUR COMPLETE PORTFOLIO OFFERING - CONTINUED



DEMAND RESPONSE

You can play a role in grid management by shifting your electricity during peak hours. Our EPA non-emergency certified natural gas generators provide low rich-burn emissions, making them ideal for demand response applications. Our Grid Services team and Concerto™ platform can provide cost analysis for your specific application and geography, so you save more than just energy.



MAINTENANCE & WARRANTIES

Our warranties rival the industry, backing your investment with more years and a nationwide network of independent dealers (across our 50 states and into Canada). Our dealers also drive maintenance agreements to make sure your generators are ready for action during an emergency or demand response.



UTILITY-SCALE GRID SUPPORT

Eliminate the extra steps, space, and expense of paralleling your total power generators. Our revolutionary Modular Power Systems (MPS) integrates utility scale power outputs for projects in 10-50MW scale.



VIRTUAL POWER PLANTS

Our grid service platform, Concerto, can help you reach your business goals. The smart device monitors, forecasts, optimizes, and even trades power to avoid peak consumption and allow for power resiliency. Plus, you'll gain better access to cost-effective renewable energies.



LEASING & FINANCING

Turn your CapEx into an OpEx decision. Our solid partner network offers flexible, low-risk leasing and financing options to bring more cost predictability to your bottom line. Whatever your budget, code, or site requirements, there's a solution for you.



EAAS

Partner smart from the start. Our vetted network of financing partners can help you avoid CapEx costs, like equipment and maintenance, with sensible solutions that guarantee beneficial outcomes for your business.



GENERATORS

Today, there's more to consider than configuration requirements. Our generator solutions factor in lifecycle costs, operational needs, fuel prices, supply and demand, and more. Plus, all our generators lead the industry in reliability and strength, so you get more brawn for your buck.

FUEL OPTIONS

Diesel, biofuel, natural gas—what's the difference? Fuel your generator and business with the right energy source. We'll help you figure out which option will run your generator through the long haul, while being as cost-effective as possible now.



GRID SERVICES CONCERTO™

The Concerto platform goes beyond real-time analytics to deliver intelligent grid forecasting. Whether you're an end customer, energy trader, utilities, or grid operator, you'll gain insights to navigate business challenges and opportunities.

INDUSTRIAL CONNECTIVITY

Your business can turn operational analytics into action. Connect your entire equipment and device fleet to get real-time alerts, trends, reports, GPS tracking, and more control over your energy usage and equipment performance.



DEEP SEA ELECTRONICS

Generac acquired Deep Sea Electronics in 2021—one of the world's top manufacturers of generator controllers, auto transfer switch controllers, battery chargers, and vehicle and off-highway controllers. We develop and manufacture a range of over 140 different products that provide flexible control solutions for multiple applications.

CONNECT TO CONTROL YOUR EQUIPMENT

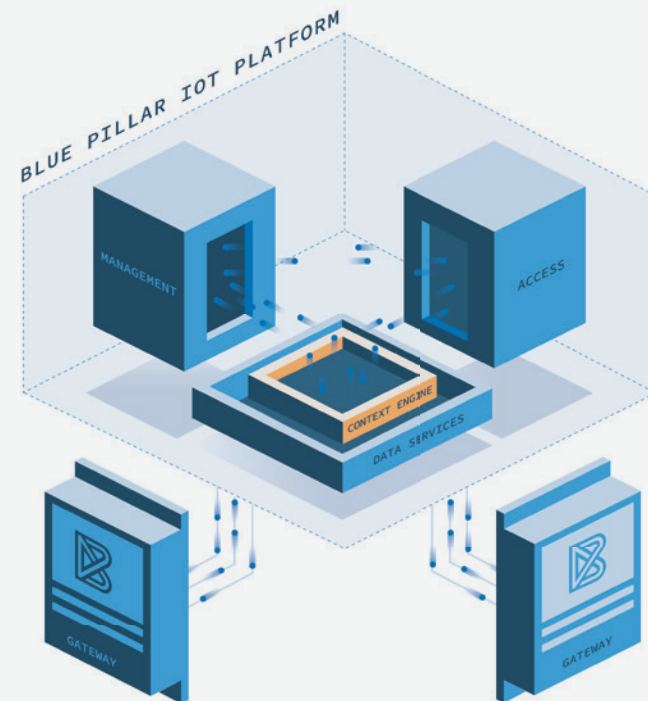
Managing a diverse portfolio of equipment across multiple geographies is difficult and complex. Generac's connectivity solution provides a simple and straight-forward single-pane-of-glass experience across all of your energy-related equipment and devices; regardless of manufacturer and equipment age.

Once connected, customers may simplify many of their manual tasks and processes; critical power equipment testing, real-time equipment diagnostics and troubleshooting, outage management, ESG reporting and tracking, and energy analytics and trending.

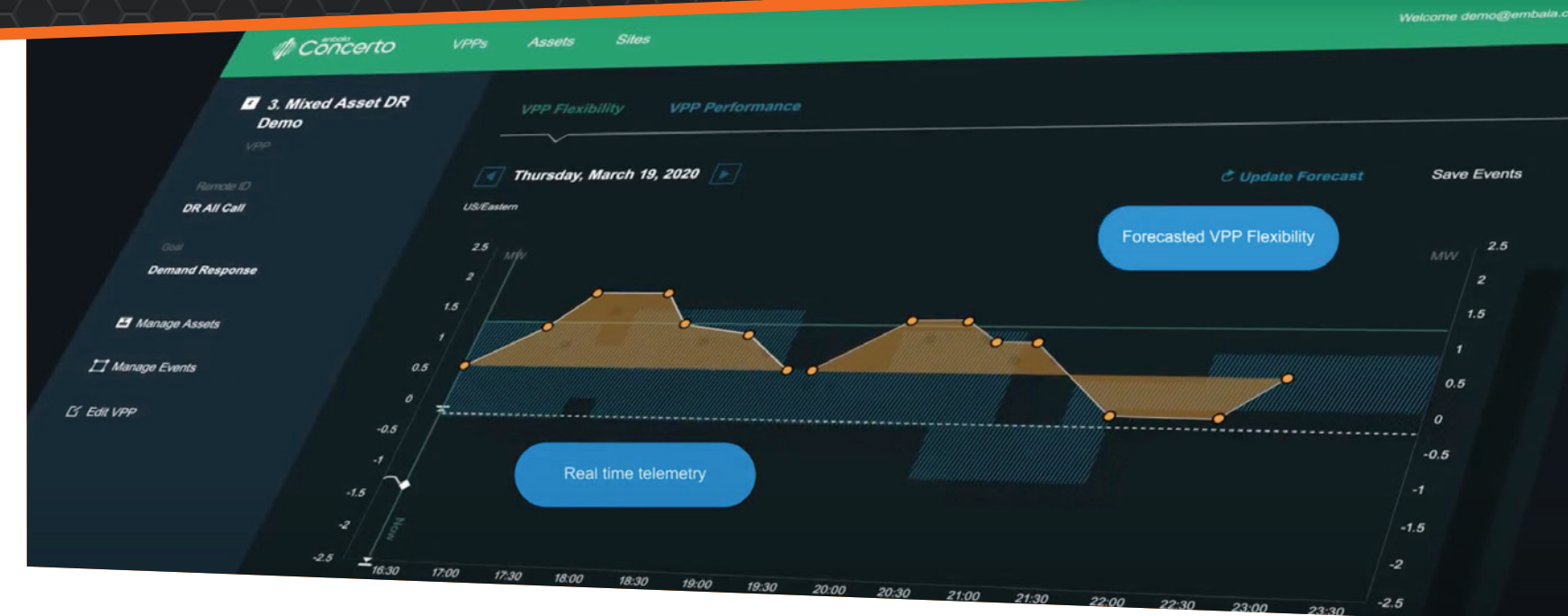
REMOTE ACCESS. REAL-TIME ACTION.

Out-of-the-box simplicity and total access.

- Live visualization across the enterprise or equipment status and performance
- Historical performance trending and analysis
- Automated fault detection and equipment alerts
- Simple expansion to additional equipment and/or devices
- Reporting and journaling support for automated processes and maintenance tracking
- Real-time control for remotely managing critical equipment



BALANCE THE GRID (AND YOUR BUDGET)



Our Grid Services tap into a mix of traditional and sustainable distributed energy resources to ramp up and decrease supply based on actual demand.

How's that exactly? Well, instead of building new power plants that strain the grid and customers' budgets, we designed ours to connect to existing and emerging energy sources as they come into market. Our virtual power plant balances and distributes power across the grid using intelligent forecasting and real-time DER optimization.

CONCERTO™ AT THE CORE

Concerto is the platform that makes it possible. This next-gen technology orchestrates the balancing act behind the scenes using algorithms and advanced machine learning.

Basically, it's smarter than smart, constantly adapting and advancing the grid for utilities, their customers, and our future needs. Concerto leverages the right energy asset at the right level for the ideal distribution.

HOW WE FLEX OUR POWER

- Optimize systems at a local or global level
- Control both power and Volt/VAR
- Ensure instant demand response
- Adapt to new supply and demand

HOW YOU FLEX YOURS

- Avoid peak pricing
- Only use the energy you need
- Sell back what you don't need
- Do your part to balance the grid

In 2021, we delivered over **3,900 MWh of energy** to the grid during peak demand.

EXPECT EXPERTISE FOR YOUR POWER NEEDS.

UTILITY, MUNICIPALITY
& CO-OPS

COMMERCIAL
BUILDINGS

GOVERNMENT

REMOTE,
OFF-GRID COMMUNITIES
(MICROGRIDS)

FOOD & BEVERAGE

DATA CENTERS

WASTE WATER
TREATMENT

HOSPITALITY &
ENTERTAINMENT

HEALTHCARE

OIL & GAS

RETAIL

EDUCATION

FOR COMPREHENSIVE ENERGY MANAGEMENT SOLUTIONS, **CONNECT WITH GENERAC.**

With turn-key solutions and a complete portfolio of products, you've got a partner at every phase of your Energy Management project needs. Contact one of our experts to begin your journey to a more resilient and sustainable future.



WWW.GENERAC.COM/INDUSTRIAL/ENERGYMANAGEMENT

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POWER**