



Welcome to the **Q2 Issue** of the Energy Systems newsletter.

As a valued current or former customer of Energy Systems, we are pleased to provide you with the latest updates on our products and services, important industry news that may impact your business, and upcoming events and exhibitions where we may have the opportunity to connect.

We work with you all the way from design/sizing, delivery, installation, commissioning, and full maintenance for life of your generator and other energy equipment.

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Q2 | 2026

Expert Advice

Hidden costs of backup power generator installations

Beyond the equipment price, industrial generator installs often face these "hidden" budget killers:

Site & Infrastructure

1. Engineered Concrete: Reinforced pads for weight and vibration.
2. Fuel Storage: Underground diesel tanks require leak detection and excavation.
3. Electrical Upgrades: Integrating Transfer Switches (ATS) into old switchgear.
4. Logistics: Crane rentals for rooftop placement.

Compliance & Engineering

1. Soft Costs: Engineering designs and permits can be 10-20% of total project value.
2. Sound Proofing: Custom enclosures to meet local noise ordinances.
3. Air Quality: Exhaust scrubbers or monitoring to EPA/local emissions standards.

Working with an OEM authorized, experienced industrial distributor like Energy Systems can help you control and mitigate some of these costs and get a clear picture upfront so that there are no last-minute surprises. We can cost optimize with site placement analysis to minimize expensive runs of electrical conduit, right size the equipment and use load management strategies to reduce overcapacity.

We have tank options to reduce the need for a separate main tank, we offer pre-fabricated installation packages to easier assembly.

Finally, we can over lifecycle forecast for operating costs and offer demand response type generators to provide a revenue generating option for customers with utilities who offer these services.

Where applicable, we "pre-permit" with AQMD certifications, understand the site sound requirements to not over specify sound requirements, and provide expertise on EPA Tier requirements to not over specify emissions.

Product of the Quarter - D46L

GENERAC INDUSTRIAL ENERGY

D46L Diesel Industrial Generator

**Built to Withstand.
Designed to Simplify.**



Power nodes: 1250 kW and 1500 kW

Backup power demand is accelerating. Regulations are tightening. Legacy equipment is aging out. The D46L is built to meet what's next.

Powered by a Perkins Engines Company Limited 12-cylinder engine and equipped with Deep Sea Electronics Ltd G8601 controller, this UL2200 3rd edition-certified package delivers 1250 kW and 1500 kW of dependable power.

[Learn More](#)

Why Customers Choose Energy Systems

East Coast Bakery relies on us!

This large-scale East Coast bakery operation runs 24/7 to keep retail shelves stocked and customers satisfied. For them, reliability isn't just important, it's critical.

With two [Generac](#) MDE570 mobile generators paralleled, onsite refueling and the ability to transfer load between units, Energy Systems delivers continuous power without interruption.

Strong coordination from [All Brite Electric Inc](#) and [Pat Munger Construction Company, Inc.](#) brought the project together.



Code Corner: Seismic Requirements

Checklist of what to ask for in submittals

Required for commercial and essential facilities

Seismic Design Basis

1. IBC edition referenced for seismic compliance
2. ASCE 7 edition referenced
3. Seismic Design Category (SDC) the enclosure is certified for
4. Confirmation enclosure is certified to same SDC as building

Seismic Certification

1. Seismic compliance applies to the enclosure (not genset only)
2. Certification includes:
 1. Weather / sound enclosure
 2. Sub-base or integral fuel tank (if applicable)
3. Method of qualification:
 1. Shake-table testing
 2. Analysis with validation
4. Seismic certificate of compliance of provided

Anchorage & Mounting

1. Seismic anchorage details provided (anchors, spacing, loads)
2. Anchorage loads (shear/tension) documented
3. Mounting method matches certified configuration:
 1. Integral vibration isolators
 2. Rigid mount with external springs
4. Field-installed accessories included in seismic scope (louvers, doors, silencers)

On the Road

What we're hearing at ConExpo, EGSA and NY Build



ConExpo: As a leading mobile power supplier and the largest light tower provider in the US, Generac is proud to serve the construction market.

[Learn More](#)



EGSA: The future of resilient energy was key focus at Electrical Generating Systems Association's Spring Conference. Justine Sanchez, Energy Storage Solutions Architect spoke about how commercial and industrial organizations are leveraging microgrid architectures, intelligent controls, and battery energy storage systems to improve resilience, flexibility, and energy performance. Our world class DSE controls were on display at our booth.

[Learn More](#)



NY Build: Generac and Energy Systems connected with builders in the NY Build event. While **Generac Home** supports smaller residential needs, **Generac Industrial Energy** supports large commercial and multi-family residential buildings.

[Learn More](#)



Southern California Facilities Expo 2026: Continued to reinforce our partnership with facilities managers, maintenance managers, and energy managers from various industries including food processing, government, healthcare, manufacturing, education, wineries, utilities and others.

[Learn More](#)





Upcoming Shows

See us at Facilities Expo at Reno, NV

Meet us at Facilities Expo in Reno, NV from August 19-20th and contact us to set up time to meet with us. See how we can help with your backup power needs, whether it's new equipment, maintenance or rental power.



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