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parts and service for the Mid-Atlantic



Summer 2021

## Power Solutions *PULSE*

### What you need to know about power generation this summer...

This Summer 2021 issue of **Power Solutions PULSE** is a newsflash for consulting engineers, contractors and other professionals who need to be up to date on power generation news and information.

- See how Curtis Power Solutions has extended its geographic territory to **serve more East Coast customers**.
- Find out **what a customer is saying** about redundant power solutions.
- Take a 2-minute view of how **mtu** is checking the boxes for **data centers**.
- What do you know about **emergency power supply systems acceptance testing** and NFPA 110 compliance? Test your knowledge.
- **Customers speak and Rolls-Royce listens**: See the new **mtu** 8V0110 GS150 standby gas generator redesign.
- Discover **Microgrids 201**: All you need to get up to speed on **renewable energy sources and battery storage** in this second of a three-part series.
- Get the scoop on the **upcoming mtu Power Generation Symposium**, which returns in-person this October.

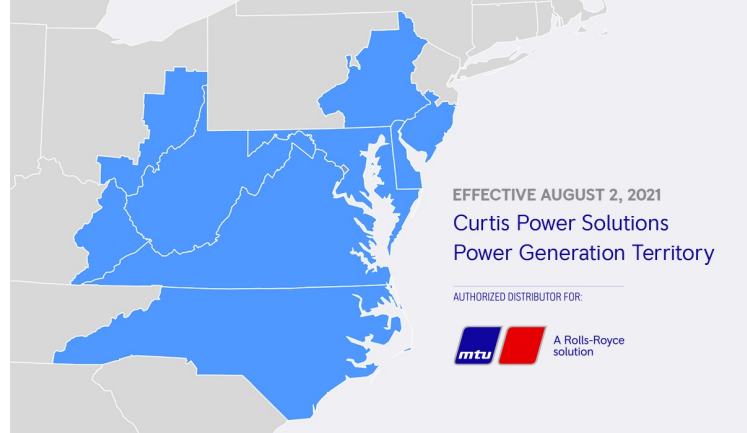
Read on! Let us know if you need assistance, more information or have questions!

#### Top Story

### After Celebrating 1<sup>st</sup> Anniversary, Curtis Power Solutions Expands

On July 1st, Curtis Power Solutions, LLC celebrated its first anniversary, marking the successful merger of Curtis Engine & Equipment Co., Inc. (Curtis Engine) with Western Branch Diesel LLC's Power Generation Division.

Then, on August 2<sup>nd</sup>, Curtis Power Solutions acquired Quakertown, Pennsylvania-based Emergency Systems Service Company, an *mtu* power generation sales and service provider whose territory includes eastern Pennsylvania, southern New Jersey, and northern Delaware.



*The addition of Emergency Systems Service Company positions Curtis Power Solutions as one of the largest distributors of **mtu** products and services in North America.*

[Read more](#)



## Customer Perspective **Designing a Flexible, Redundant Power Solution for a Wastewater Treatment Plant**

Significant residential and commercial growth in Brunswick County, North Carolina was pushing the limits of the Northeast Brunswick Regional Water Reclamation Facility. In this Customer Perspective article, Raleigh-based engineering and surveying firm McKim & Creed Inc. outlines how a collaborative approach to power generation design and troubleshooting with Curtis Power Solutions created a wastewater treatment plant expansion that's exceeding expectations.

[Learn more](#)

***mtu** 1750 kW generator provided by Curtis Power Solutions for NE Brunswick (NC) Regional Water Reclamation Facility.*

## Rolls-Royce Partnership Spotlight

# **Video: How Rolls-Royce's *mtu* Data Center Solutions are Providing Peace of Mind**

In an increasingly interconnected world, data centers carry a huge responsibility. And they often have complex energy needs. In this fast-paced 2-minute video, take a look at how Rolls-Royce is delivering reliable data center power across the globe via generators that can be personalized and scaled to meet your specific requirements.



## Codes & Standards Keys

### **NFPA 110 Acceptance Testing: Proving Your EPSS Compliance**

Your Emergency Power Supply System (EPSS) is not automatically considered compliant upon installation. You must prove that it conforms to power output and functional requirements. What is NFPA 110 acceptance testing and what can you expect?

[Find out now](#)



## Contractor Corner

### **Rolls-Royce Redesigns *mtu* 150kW Gas Standby Generator**

Rolls-Royce has redesigned its ***mtu* 8V0110**

**GS150 standby gas generator set** specifically for the North American market to feature a smaller footprint with reduced weight and noise emissions.

The newly updated systems are in response to customer demand for solutions that can be applied to space-limited areas and existing building upgrade projects.



[Read more](#)

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Eye on Engineers

## Microgrids 201: The Series Continues



Our three-part series of Rolls-Royce white papers continues with a look at microgrid and distributed generation projects incorporating battery storage with multiple energy sources, including renewables.

*mtu EnergyPacks (lower right) supporting a microgrid installation on the Pacific Island of Raratonga. (Photo courtesy of Rolls-Royce Power Systems AG).*

[Learn more](#)

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## Annual Power Generation Symposium Returns In-Person This October



If you thought last year's virtual **mtu** Power Generation Symposium was a hit, Curtis Power Solutions (CPS) is excited to announce that the 2021 Fall event, "Discover a World of Solutions," will be held in-person this October. Attendees are being asked to participate in a brief survey beforehand.

This year's event, scheduled October 13 – 15, will involve travel to the **mtu** factory in Mankato, MN, arranged and paid for by CPS. Highlights include:

- Welcoming event with keynote speakers
- Trystar and Kato Engineering factory tours
- Socials and an Octoberfest celebration
- CEU credits. Attendees can choose from a number of industry topics and code-based discussions based on prime and standby power generation, microgrids, combined heat and power (CHP), future trends, design applications, generator set sizing, emissions and more.

Required health and safety protocols that are in effect at the time of the event will be followed.

To participate in the survey, click the button below.

[Fill out the form here](#)

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## Curtis in the Community

### Baltimore Office Participates in Golf Outing to Raise Funds for Military-Related Scholarships

**Folds of Honor**, an organization devoted to providing scholarships to spouses and children of America's fallen and disabled service members, was the beneficiary of the **American Contractors Association (ASA) of Baltimore** charity golf tournament held June 11 at the Mountain Branch Golf Club in Joppa, Maryland.



FOLDS of HONOR

Representing the Curtis Power Solutions (CPS) Baltimore office, and playing in separate foursomes, were Paul Koch, COO; Alan Koch, V.P., Power Generation Sales & Engineering;

Ralph Natale, Power Systems Sales; Keith Phillips, Sales Engineer, Power Generation Sales; and Zach Howard, CHP Project Manager. Dakeisha Gross, Business Development Manager, also attended.

Said Paul Koch, "Military veterans have always been part of the backbone of Curtis, so supporting the mission of Folds of Honor is especially close to our hearts."



CPS's Alan Koch (2<sup>nd</sup> from right) was part of the winning foursome.



Curtis Power Solutions, LLC

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