



PACIFIC POWER GROUP

POWER
GENERATION
Customer Solutions

CUSTOMER:

Infomart Data Centers

POWER SYSTEM:

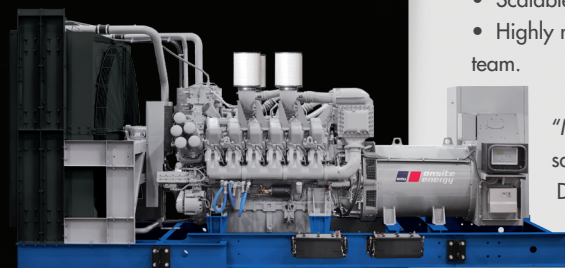
Fourteen 2,000 and 2,250 kW MTU Onsite
Energy Generators

LOCATION:

Hillsboro, OR

DATE:

2011-2016



MTU 4000 DS

Helping Achieve 100% Uptime at a Critical Data Center

In Hillsboro, an alternative silicon city outside Portland, Oregon, Infomart Data Centers has established one of the largest data centers on the West Coast, serving partners such as LinkedIn in a scalable enterprise said to establish a standard of data centers for the future.

Deployed in three phases, the center has maintained 100% uptime, thanks to its backup power system now comprising fourteen 2,000 and 2,250 kW MTU Onsite Energy Series 4000 DS diesel generator sets with customized enclosures and fuel systems, supplied by Pacific Power Group.

Power system priorities for the data center included:

- Exceptional reliability
- Ultra low subtransient reactance
- 85% load factor, highest in the industry
- Scalable flexibility for growth expansion
- Highly responsive service & after sale support team.

"MTU checked every box and then some," said John Sheputis, President of Infomart Data Centers. The MTU Series 4000 is designed for optimal fuel consumption and exceptional reliability, making it a sound environmental and mission critical choice, but is also noted to have high power density and, with the custom enclosures, be "much quieter than expected."

Although the center has experienced several

power outages, Infomart reports that "all... systems started within 10 seconds of power loss and operated through the duration of the outage without incident," said Doug Shotwell, Solutions Architect for Infomart Data Centers.

In summer 2016, Infomart Portland completed its third and final phase, including a 100,000 square-foot expansion, making it one of the largest data centers in Oregon. As Infomart Portland continues to grow, Pacific Power Group will continue to support their standby power needs every step of the way with preventative maintenance and scalability.

"Infomart has relied on the Pacific Power Group team's expertise for industry intelligence and background. We can also count on Pacific Power Group to resolve technical issues—big or small—during every phase of a project," said Shotwell.

Pacific Power Group's power generation team is an experienced emergency power generation system provider for many of the major data centers and critical facilities in Oregon, Washington, Alaska and Hawaii. Whether your facility requires a new backup power system, a custom engineered package or a proactive preventative maintenance plan for any major generator brand, our team can work closely with you to provide a solution.