

GRID-FREE POWER. ALWAYS ON.

Independent Power for Data Centers

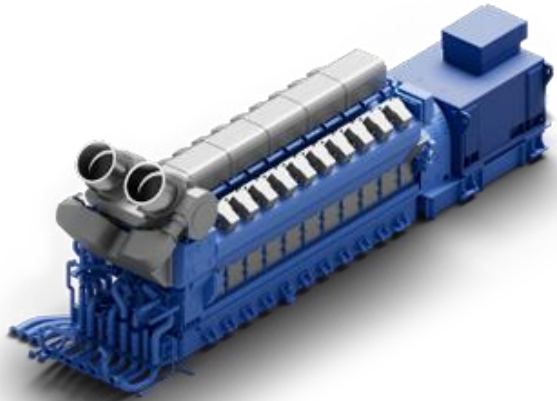
Frank Berner
Area Sales Manager
Piller Germany GmbH & Co. KG

We have the power.

The Biggest Challenges Facing the Data Center Sector

**GRID AVAILABILITY
&
POWER QUALITY**

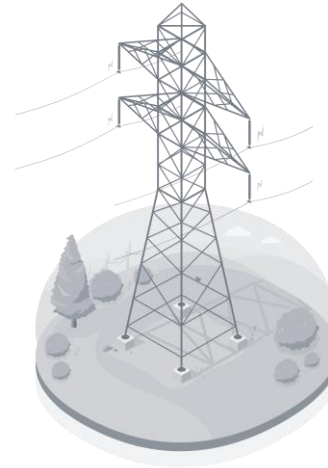
Time to Power, flexibility & performance



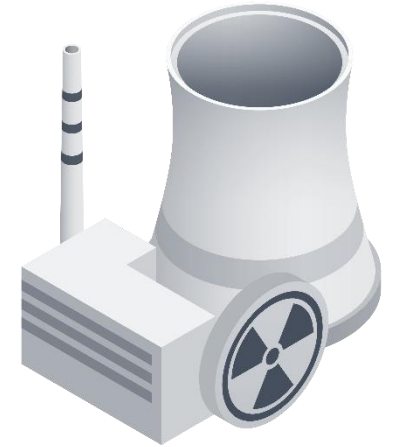
18 months



3-4 years

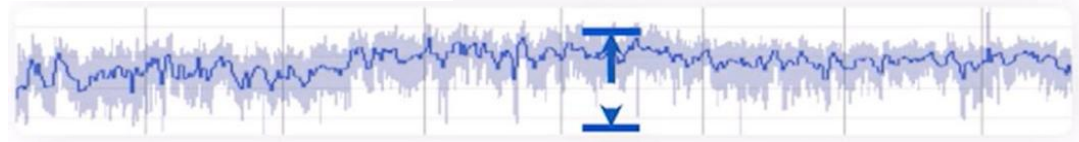


5-8 years



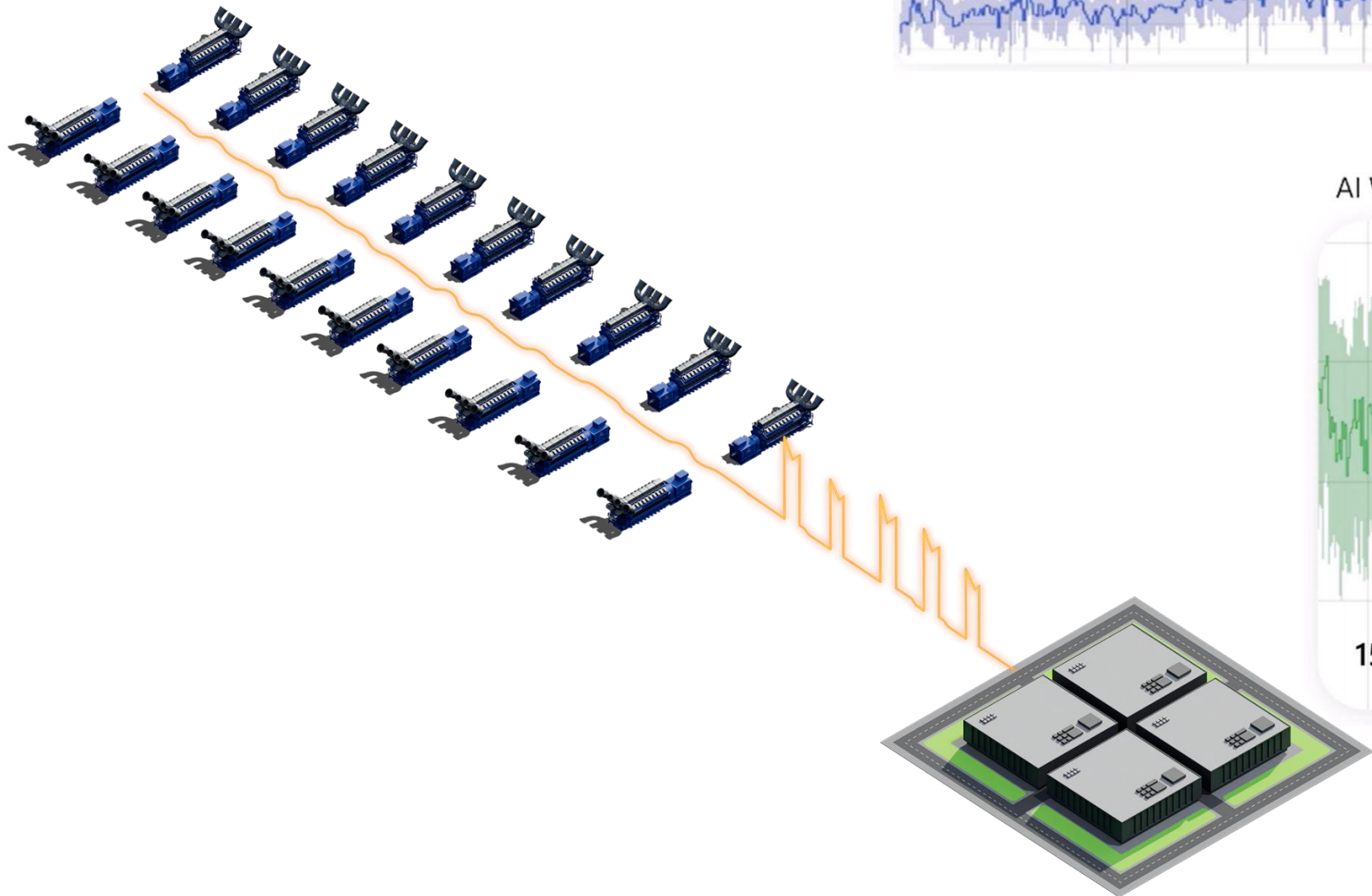
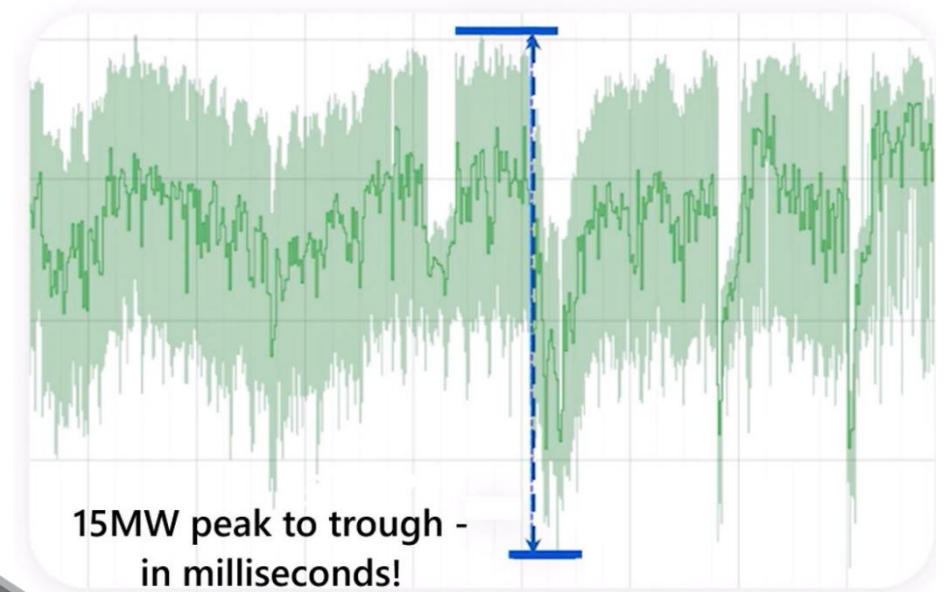
10+ years

Non-AI Workloads



1.5 MW peak to trough

AI Workloads



750
RPM

8,000
hours per year
of operation

20-30
years of
operation

**Future
Fuel
Ready**

**Low
Emissions**

**Hybrid-
Compatible**





PILLER

Power Systems

Piller is Europe's leading producer of UPS & stabilization systems, safeguarding data centers, and other mission-critical applications.



SHIELD X™

Dynamic Power Stabilization



We have the power.

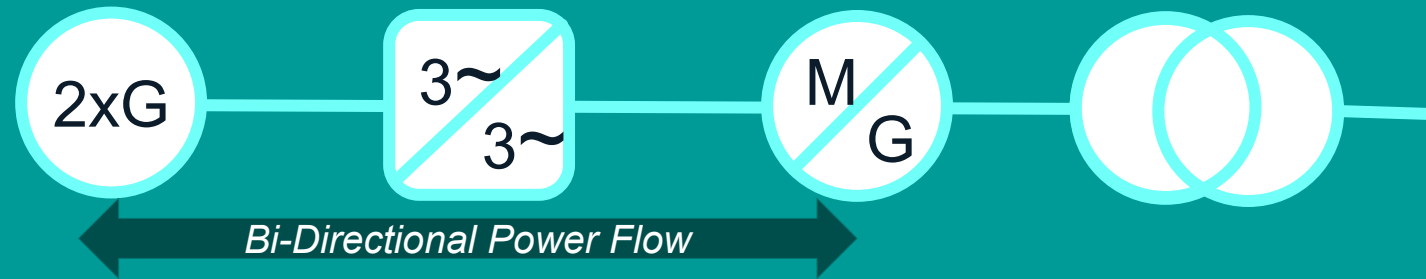
SHIELDTMX

Dynamic Power Stabilization



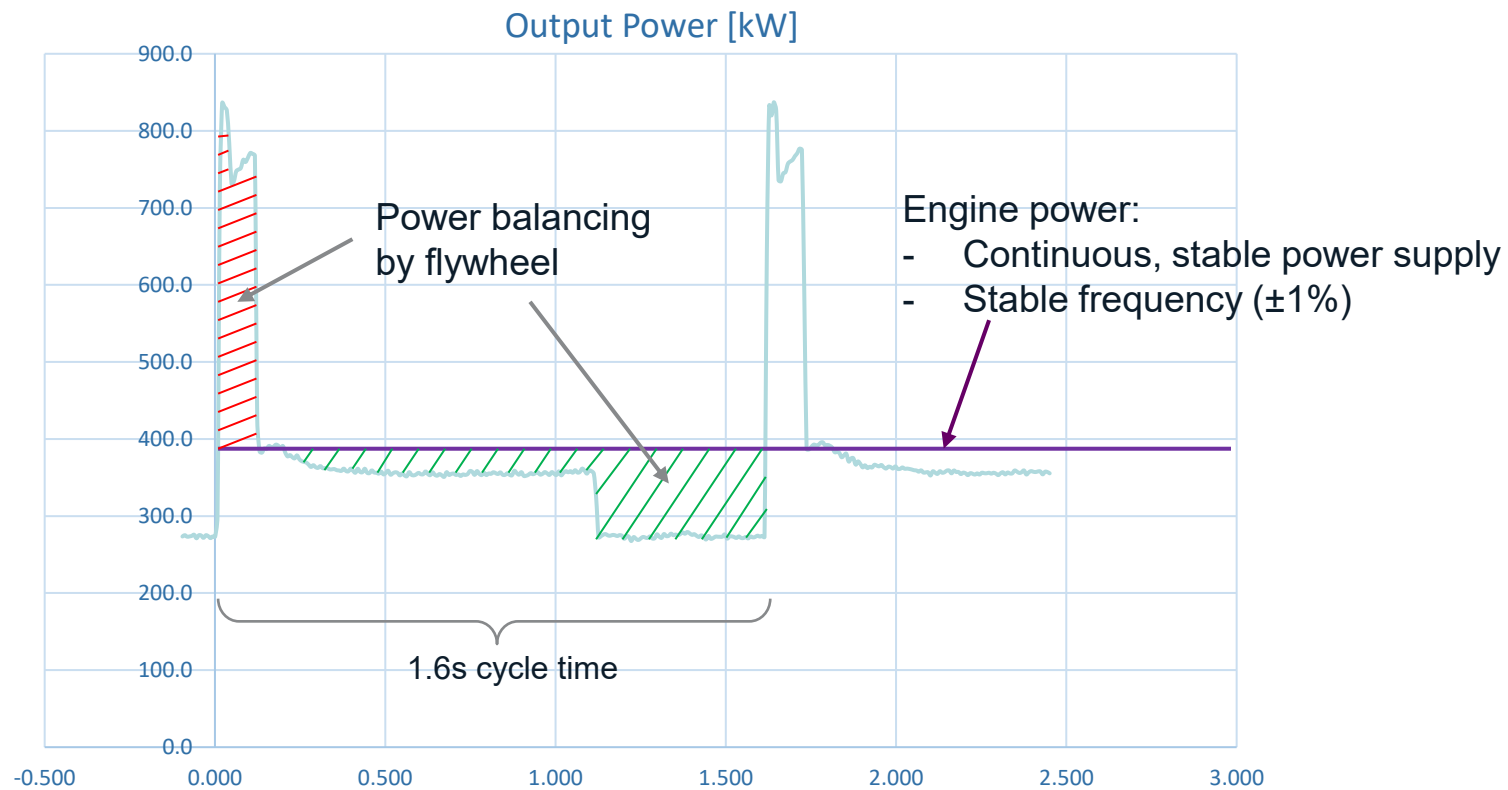
How It Works

- Protects gensets from transients
- Maintains voltage and frequency stability
- Tier III/IV Concurrent Maintainability and fault tolerance, **99.999% uptime**
- Battery-free without degradation of energy storage capacity

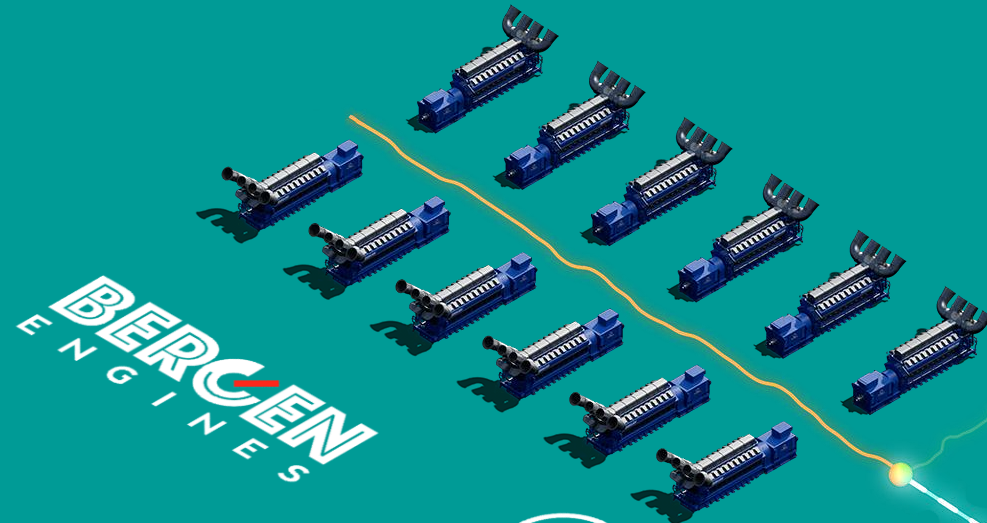


SHIELDX™

Dynamic Power Stabilization



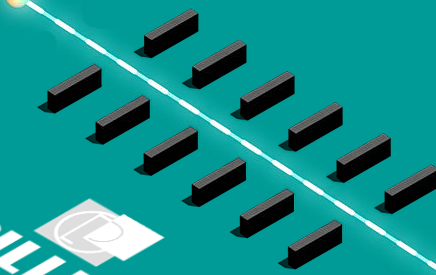
BASELOAD POWER



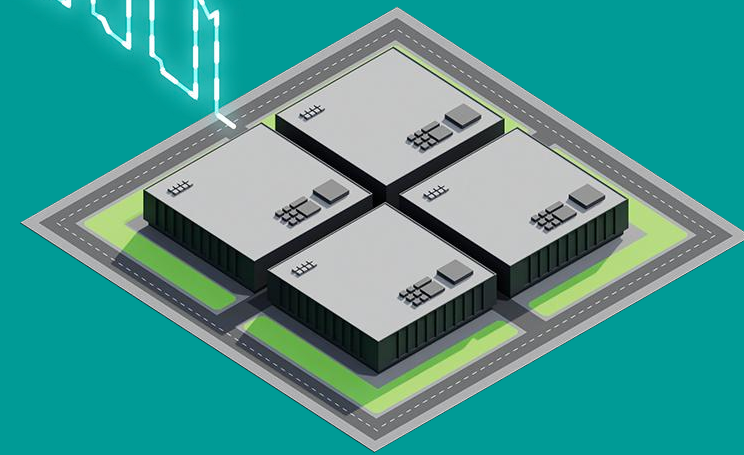
BERGEN
ENGINES



RENEWABLES



DATA CENTER



SHIELDX™
Dynamic Power Stabilization

Grid-Free

Always-On

**Power
Stabilization**

**Reduced
Complexity**

Tier IV Resilience - 99.999% Availability

SHIELDX™
Dynamic Power Stabilization





GRID-FREE POWER. ALWAYS ON.

Independent Power for Data Centers

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We have the power.