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EKU POWER DRIVES

You already own the equipment.

EKU Power Drives makes it work as one system.

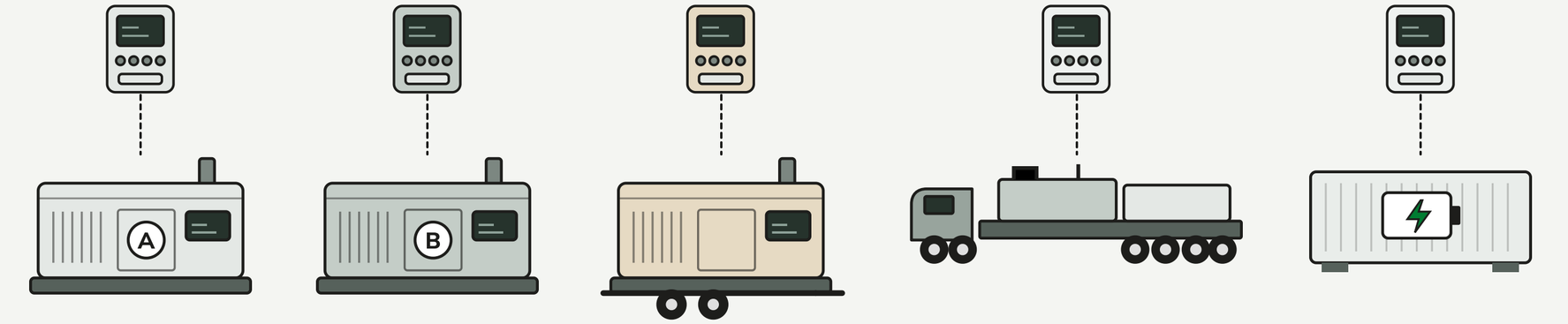


Sites grow one purchase at a time

a rental package

a second phase

a battery added later



Each machine arrives with its own controller, screen and habits.

The site ends up run brand by brand, with fuel and engine hours no one can see.

How much fuel does your fleet burn doing nothing?



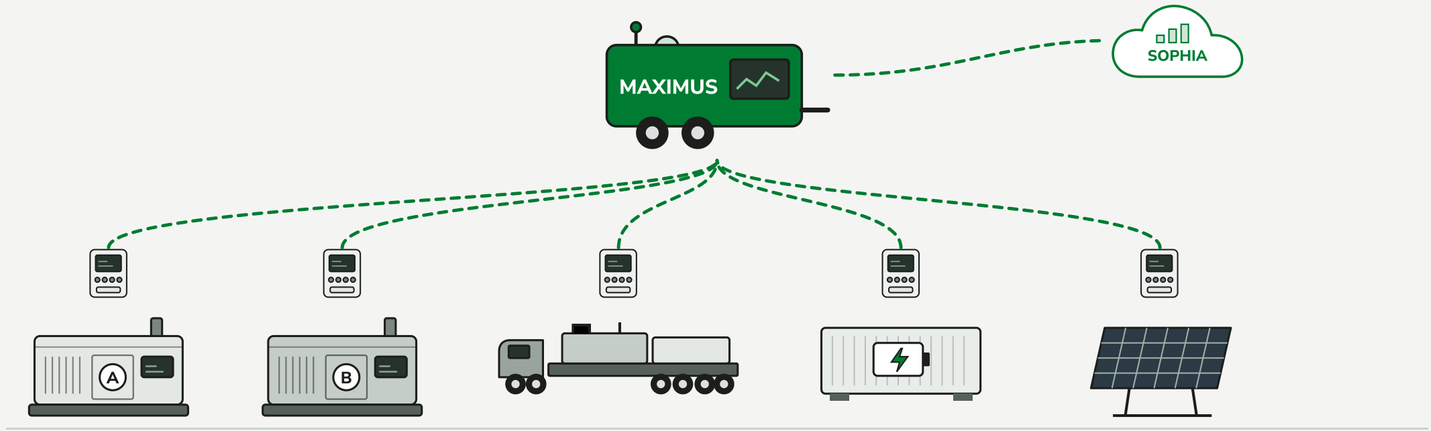
Most operators cannot say, because the answer is spread across different controllers, screens and portals.

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EKU POWER DRIVES

Generators, frac pumps, engines and batteries arrive from different manufacturers, each with its own controller and screen.

EKU Power Drives makes them work as one system.



- Maximus coordinates the equipment on site
- Sophia shows what each unit costs
- Nothing you already own gets replaced

WHO EKU POWER DRIVES IS

EKU Power Drives designs controls, switchgear and data platforms that let operators run generators, pumps and power equipment from different manufacturers as one system.

For mixed-brand generator fleets: controls and monitoring that work above the controllers already installed.

Five product families do the work

MAXIMUS

CONTROL

Runs generators, pumps, batteries and solar as one system on site, with GeneSys switchgear and EKU control boxes.

Sophia

DATA

Shows what each unit costs in fuel, hours and downtime, for every brand, in one view.

CERBERUS

POWER AND IDLE

The Engine Standby Controller and Cerberus auxiliary power keep equipment ready without burning fuel at idle.

VULCAN

HEAT AND FLUIDS

Vulcan heaters keep engines and fluids in their operating window in extreme cold.

Bex by EKU POWER DRIVES

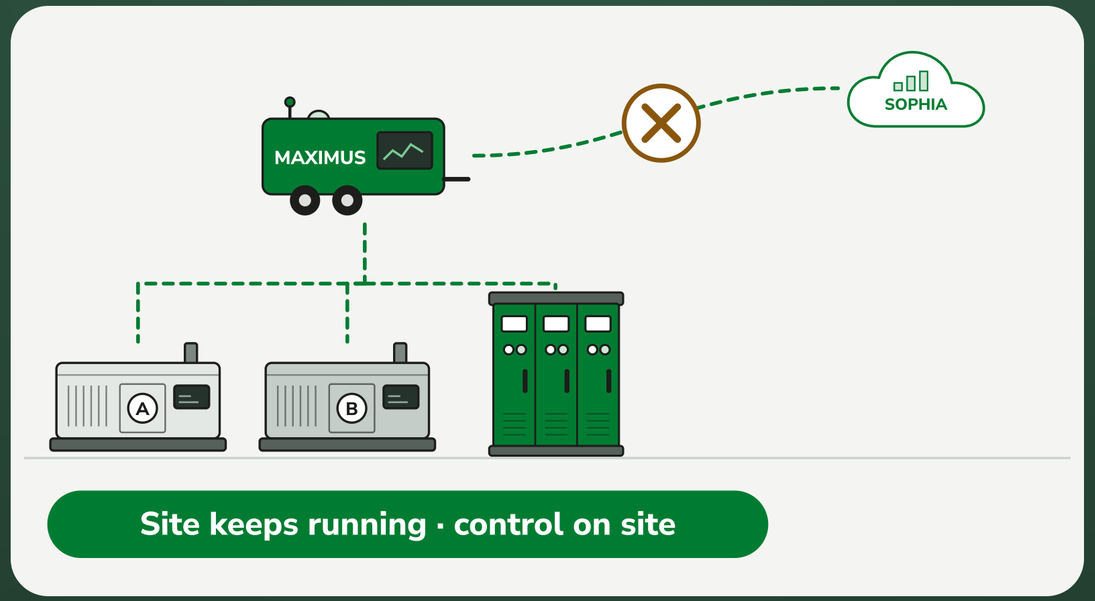
SAFETY

Bex tools keep technicians safe during maintenance.

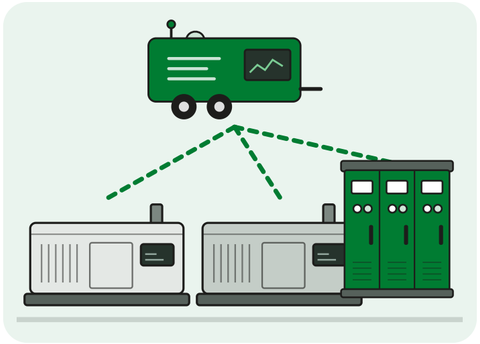
One team stands behind all five.

Each unit keeps its own controller and factory protections.

Control runs on site, so the plant is designed to keep running if the cloud link drops.

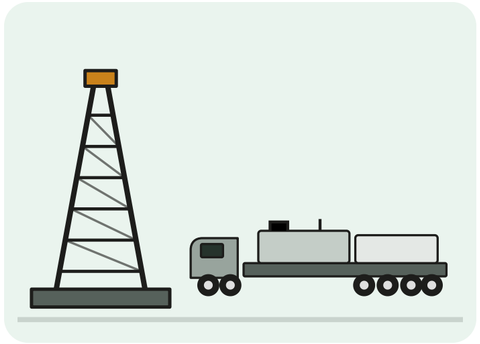


EKU Power Drives works in four industries



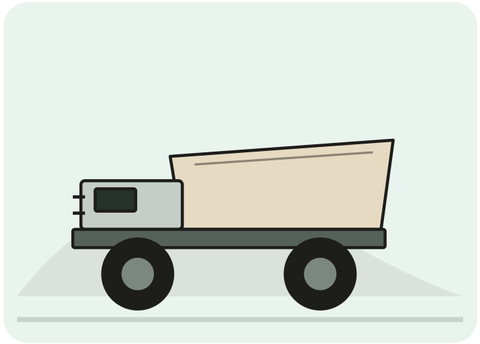
Power generation

Prime, standby and islanded plants



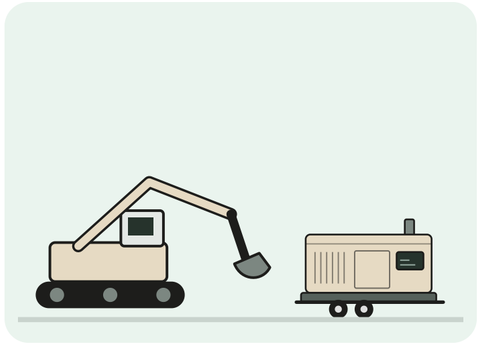
Oil and gas

Frac and drilling fleets



Mining

Remote mines



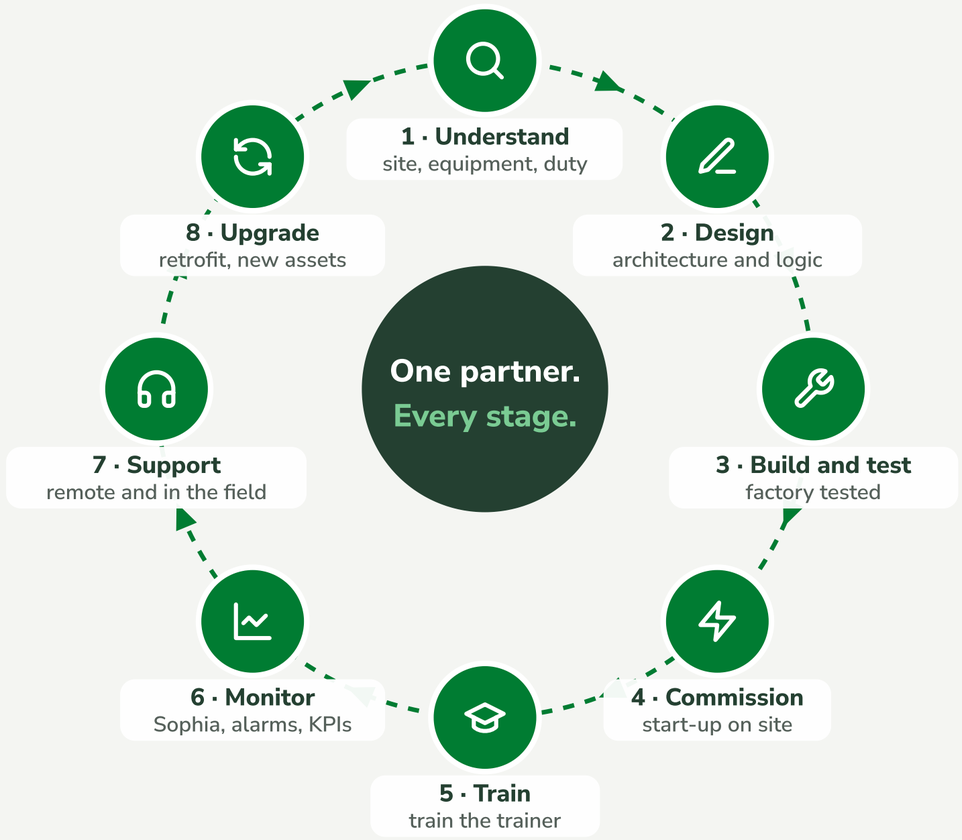
Construction

Temporary worksites

Different industries, same problem: equipment from several manufacturers that has to run like one.



Founded in 2015 · present in Europe, North America, South America and Africa



One partner. Every stage.

EKU Power Drives designs, builds, tests and commissions the controls behind your equipment, and trains your team,

and the same engineers answer after start-up: remote troubleshooting, field follow-up and on-call help.

Can generators from different manufacturers run as one plant?

Yes. A supervisory layer sits above the controllers you already have and makes them act as one.

Four jobs, one layer, the whole bus

Synchronize

Phase, frequency and voltage matched before every breaker close

Share load

kW and kVAR in proportion to each unit's rating

Stage

Units start and stop as the load changes

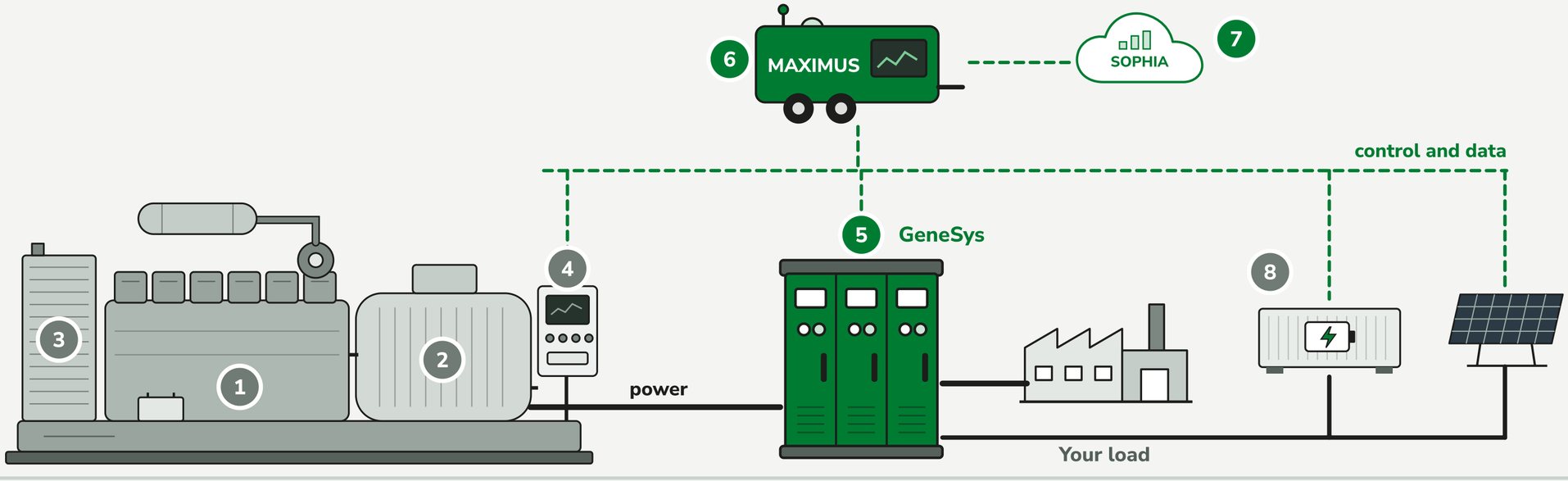
Hold reserve

Spinning reserve for the whole bus, not per brand

EKU Power Drives delivers it with Maximus, GeneSys switchgear and Sophia monitoring. Compatibility is confirmed per project.

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Anatomy of a generation site



1 Engine 2 Alternator 3 Cooling and fuel 4 Unit controller, kept 5 GeneSys switchgear 6 Maximus Hub
7 Sophia 8 Batteries and solar

The engine and alternator come from the maker you choose; the switchgear, the site controller and the data layer are where EKU works.

Why on-site power is the fast lane

25.5 GW

of new US industrial demand forecast to be served by on-site generation, 2026 to 2030

Enverus, 11 Aug 2026

18 to 24 months

for engines, turbines and fuel cells to operate on site; up to 80 for a large combined-cycle plant

Enverus, 11 Aug 2026

61 months

median from grid connection request to operation, power plants built in 2025

LBNL, Queued Up 2026

128 to 143 weeks

US average wait for power and generator step-up transformers

Wood Mackenzie, Q2 2025 data

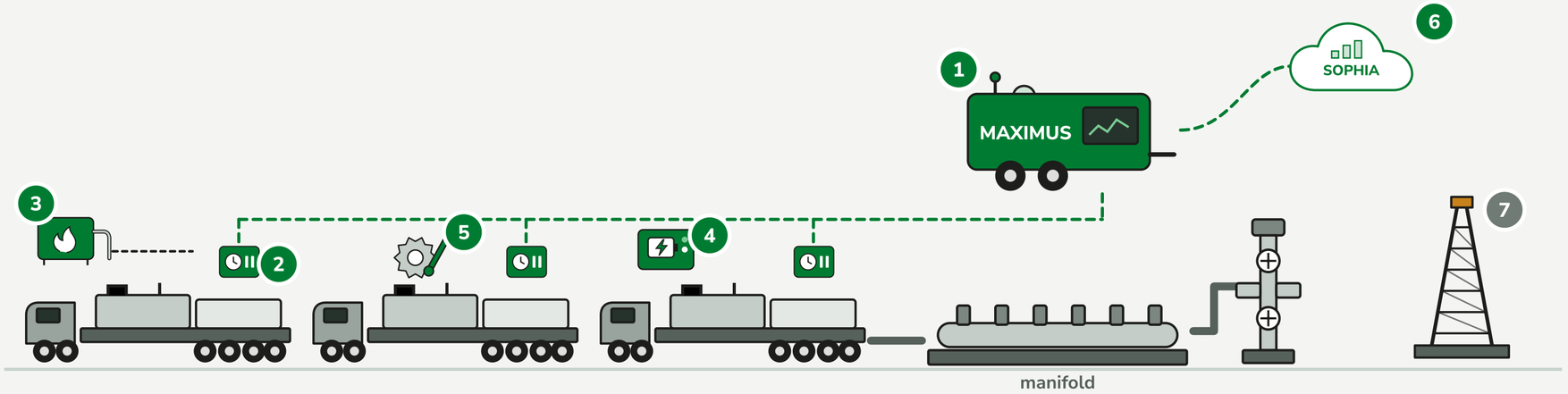
~2% a year

growth of US retail electricity sales in 2026 and again in 2027

EIA STEO, 9 Sep 2026

Each figure comes from a different source and measures a different thing.

Between frac stages, engines keep running with no pumping to do.



2 The Engine Standby Controller stops engines that idle without load.

1 In the datavan, Maximus Multi-Pump splits the total rate across pumps, sets the ramp order and sends one central emergency stop.

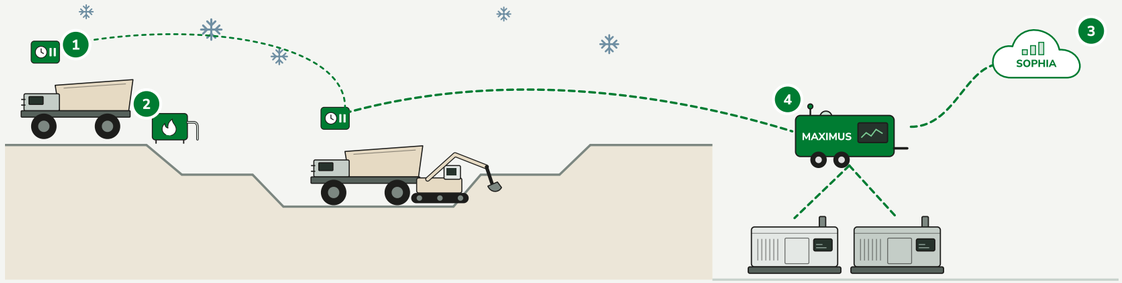
3 · 4 Vulcan heaters keep engines and fluids in range in winter, and Cerberus keeps controls and batteries alive.

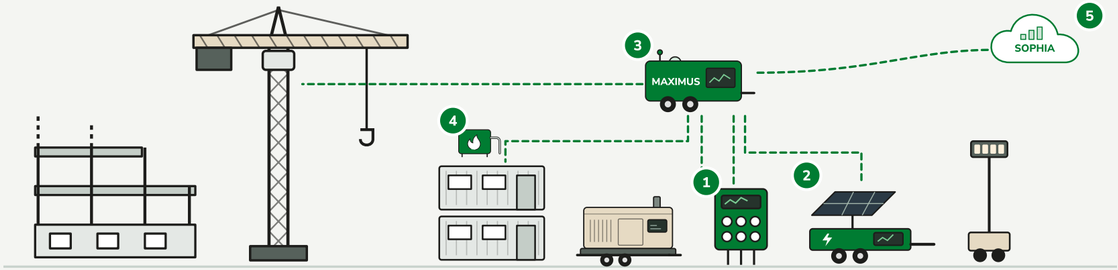
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EKU POWER DRIVES

MINING · CONSTRUCTION

Haul trucks idle while they wait. Worksite generators sized for the peak idle the rest of the day.





Two industries, one cost: engine hours with no work behind them.

EKU Power Drives brings idle management to selected mining equipment after a site-fit check, Vulcan heating for extreme cold, and smart power distribution, hybrid solar and remote monitoring for temporary power on construction sites.

The first step is simple: measure one site before and after with Sophia.

Five layers, one team

5 Sophia Cloud
One view of every site; reports; data to your SCADA or data lake

4 Sophia Onsite · edge
Stores every signal on site, even offline

3 Maximus Hub · the site controller
Decides who runs, how much and when

2 Field control and protection
Control boxes, GeneSys switchgear, Cerberus power units and Vulcan heaters

1 Your equipment
Generators, pumps, engines, batteries, solar and switchgear; they stay as they are

Internet down?

The site is designed to keep running: control stays on site with Maximus, and Sophia Onsite keeps logging until the link returns.

How it is bought

Subscription with hardware, spares and updates included, from one unit to a whole site.

The outcome: equipment that is ready, visible and able to keep improving.

Integrated

Every unit, brand and site in one control and data layer.

Automated

Starts, stops, shares load and holds reserve by itself.

Optimized

Data shows what each unit costs; the system keeps improving.

THREE QUESTIONS TO ASK YOUR SITE

- Can one screen show every unit, from every manufacturer, right now?
- Are any units held running 'just in case' as manual reserve?
- Is the team that built the system the one that answers at 2 a.m.?

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EKU POWER DRIVES

START HERE

How many different generator brands are in your fleet today?

→ Tell us about your fleet · ekupd.com/contact

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EKU
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Generators, pumps, engines and batteries from different manufacturers, run as one system.

One partner. Every stage.

ekupd.com