Advanced Turbine Solutions for the Future of Data Centers

Aurelia

DMK Project Solutions Services
"Supporting Your Projects from Conception to Completion"

400 kW Modular Turbine Package

- 40% Electrical Efficiency
- Native DC Power Capabilities
- CHP-Ready for Additional Thermal Utilization
- Compact Footprint Ideal for Edge and Colocation Deployments
- Compatible with Natural Gas, Biogas, and Hydrogen Blends
- Estimated Deployment Timeline: Approximately 10–12 months

The A400 package is well positioned for smaller-scale data center deployments, phased energization strategies, remote facilities, and projects requiring accelerated power availability.

800 kW Modular Turbine Package

- High-Output Scalable Platform
- 800 VDC Capabilities
- 40% Electrical Efficiency
- Modular Deployment for Phased Expansion
- Fuel-Flexible Technology
- CHP-Ready Configuration
- Compact Footprint Relative to Output Capacity
- Estimated Deployment Timeline: Approximately 12–14 Months

The A800 is designed for larger campuses, high-density AI workloads, and operators seeking scalable on-site generation to support long-term growth and resiliency.

What Aurelia Technologies Does

Engineered for Faster Deployment, Reliability & Flexibility

Aurelia Technologies delivers high-efficiency modular turbine packages designed to support scalable, on-site power generation for mission-critical infrastructure. Built for the evolving demands of AI, hyperscale, and digital infrastructure environments, Aurelia's solutions help organizations accelerate power deployment while reducing dependence on traditional utility timelines.

Their turbine technology combines compact footprints, modular scalability, native DC power capabilities, and flexible fuel compatibility to support faster energization, long-term resiliency, and operational efficiency across modern infrastructure projects.

Why It Matters for Data Centers

Delivering Reliable Power for Modern Data Centers

Power Demand is Outpacing the Grid

AI and hyperscale growth are creating major power and utility constraints across key data center markets.

Faster Time-to-Power

Aurelia helps accelerate deployment timelines with modular turbine systems designed for faster energization.

Flexible & Scalable Infrastructure

Built to support phased growth, edge deployments, colocation, and large-scale campuses.

Built for Mission-Critical Reliability

High-efficiency, fuel-flexible turbine systems designed for resilient infrastructure operations.

Supporting the Future of AI Infrastructure

Helping operators prepare for the growing demands of AI, cloud, and high-density computing.

Let's Power the Next Generation Together.

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