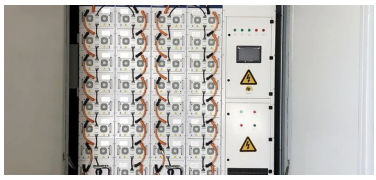
ALPHA WATER & POWER
DESIGN BUILD DELIVER SUPPORT





Power Practice Capabilities Overview

Grid-edge and behind-the-meter infrastructure services. Design. Build. Deliver. Support.

Alpha Water & Power (AWP) designs, builds, delivers, and supports integrated water and power infrastructure for municipal, industrial, and energy-intensive operators. The Power Practice provides the engineering, procurement, and construction backbone a development needs, from generation and storage to distribution, under the same design-build-deliver-support model as our water work.

What We Deliver

- **Battery Energy Storage.** Utility-scale and long-duration BESS for firming, shifting, and grid services.
- **Microgrids.** Islandable, resilient power that keeps critical loads online through grid events.
- **Behind-the-Meter Generation.** On-site power for large consumers, reducing demand charges and grid exposure.
- **Data Center Infrastructure.** Power-dense campuses, interconnection, and on-site generation for AI-era loads.

How We Work

Engineering Design
Robust, future-proof designs that integrate generation, storage, and distribution to meet site-specific requirements.

Procurement
Industry relationships that secure Tier-1 equipment and manage supply chain risk for critical components.

Installation
Turnkey construction and integration that brings complex energy systems online safely and on schedule.

Energy Storage and BESS Equipment

Utility-scale and long-duration battery storage engineered for safety, longevity, and supply-chain certainty, supplied through our Gotion, Samsung, and EOS relationships. Long cycle life for daily deep cycling, a diversified multi-OEM supply chain, and systems that scale from microgrid to utility scale.

- **Multi-OEM supply.** Samsung and Gotion where density and footprint drive the design
- **Peaker replacement and firming.** Shifts and firms output to displace gas peakers and smooth renewables
- **ISO market integration.** Configured for grid services and arbitrage across multiple ISO markets
- **Applications.** Renewable firming, grid services, behind-the-meter resilience

Gas Turbine Procurement and Remanufacturing

AWP sources used and surplus gas turbines and delivers them as zero-hour remanufactured units. New-build slots are guiding to 2028 and beyond; equipment that already exists, remanufactured under a secured shop slot, is the fastest path to firm behind-the-meter power.

- **Sourcing.** Continuous coverage of the global secondary market: mothballed merchant fleets, cancelled projects, refinery and petrochemical divestitures, IPP restructurings
- **Screening.** Inspection, records verification, and direct OEM and prior-operator checks before a client commits
- **Fleet experience.** GE Frame 6B, Frame 7, LM2500, LM6000, and FT4 class; 60 Hz units deliverable 2027 to 2028
- **Remanufacturing.** Zero-hour refurbishment and upgrade through established reman shops; the paid, secured shop slot sets the delivery date
- **Commercial structure.** AWP acts as buying agent or principal seller, at client election, with milestone payments tied to physical progress across purchase, refurbishment, delivery, and optional EPC
- **Sequence.** Procure the turbine first, then complete design and air permitting around known equipment

Integration Services

Turnkey integration scope within the EPC and across the project lifecycle, with engineering, procurement, and system integration delivered under a single point of accountability.

Engineering
- Power system modeling and load flow analysis
- Dynamic stability and transient studies
- Protection coordination
- Microgrid and controls architecture
- Utility interconnection support

Procurement
- Battery energy storage systems
- Power conversion systems
- Controls and communications
- Auxiliary balance-of-plant equipment

System Integration
- Full power generation integration
- SCADA and EMS integration
- Energy management system configuration

Platforms and Programs

- **PowerBlock 3200.** Aeroderivative gas turbine plus BESS platform, 3.2 MW ISO per unit, packaged for 20 to 50 MW behind-the-meter data center loads
- **Secured remanufacturing slots.** Paid shop slots at established reman partners set the delivery date for refurbished units; first to fund takes the date
- **Mobile power.** Trailer-mounted turbine units for rapid deployment, bridge power, and phased campus build-out
- **Powered land and interconnection.** Front-of-meter interconnect positions and development-ready sites through affiliated development partners

Our Network

AWP has established relationships with institutional capital and energy platform partners, strong OEM and secondary dealer relationships, and an equipment pipeline from 1 to 50 MW. Development and construction experience in front of and behind the meter, well capitalized, and scalable from microgrid to hyperscale.

Alpha Water and Power, LLC 1225 Thomasville Ct., Garland, Texas 75044 800-283-5007 j.ferrara@awp.co awp.co