

Hydrogen Microgrid Solutions



Innovative
and dependable

Fully integrated
off-grid solutions

Customized and
proven technologies

Integrated Power. Trusted. Mission-Ready.

- **Comprehensive integration:** We offer end-to-end integration from hydrogen generation to power distribution, ensuring a fully functioning microgrid.
- **Expert procurement:** Leverage our extensive network for seamless access to top-quality components, ensuring fast project execution.
- **Proven success:** We have successfully deployed microgrids in demanding applications, including for the Department of Defense (DoD).

Seamless. On-Time. High-Performance.

- **Complex integration:** We simplify the integration of multiple energy production and storage technologies, ensuring seamless performance.
- **Supply chain delays:** Avoid project delays caused by unreliable component availability by partnering with us.
- **Performance issues:** Ensure system efficiency by addressing design and integration flaws that can hinder performance.

Your Reliable Microgrid Partner

With proven deployments for the DoD, including advanced electrolysis and atmospheric water generation, we offer unparalleled expertise in hydrogen microgrid solutions. Our established supply chain ensures component availability, exceptional quality, and rapid lead times.

Scalable Solutions

Whether you need 5 kW or 500+ kW, we design microgrids that scale with your energy requirements.

Comprehensive Systems


Our integrated solutions include electrolyzers, storage, cooling, and electrical components, ensuring your system operates efficiently.

Electrical Infrastructure Support

Our sister company, Power Temp Systems Inc., provides extensive electrical infrastructure support, further enhancing the reliability of your microgrid.

Let's build your hydrogen microgrid
today-contact us for more information!

 TotalHydrogen.com

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