

# Hydrogen Production Solutions



Optimized production,  
scalable integration

Tailored solutions,  
accelerated timelines

Reliable production systems,  
comprehensive expertise

## Tailored. Expertly Designed.

- **Comprehensive design & integration:** We guide you through every stage, from initial concept to operational execution, ensuring a seamless transition.
- **Multi-technology expertise:** Whether using electrolysis, reforming, or pyrolysis, we leverage the right technology for each unique project.
- **Custom solutions:** Our systems are designed to meet your specific power, efficiency, and scalability requirements.

## Aligned Systems. On-Time.

- **Technology misalignment:** We help you select the most suitable hydrogen production technologies.
- **Complex integration:** Leverage our expertise on system integration to minimize performance issues.
- **Cost & schedule challenges:** With sufficient planning and appropriate technology selection, avoid delays and budget overruns.

## Your Production Partner

Having delivered multiple first-of-their-kind hydrogen production solutions at commercial scales, we understand the nuances from initial power sizing to final hydrogen delivery. Our broad technology expertise includes electrolysis, reforming, and pyrolysis, ensuring optimal technology alignment. Our integrated approach simplifies complexity, reduces risk, and ensures commercial readiness.

### A Range of Production Solutions

We partner with alkaline, AEM, PEM, and SOEC electrolyzer manufacturers as well as reforming and pyrolysis manufacturers.

### Comprehensive Systems


Full system integration capabilities including power distribution, gas purification, compression, storage, dispensing and everything in between.

### Flexible Technology Approach

Whether it's grid electricity or gas, or DC connected solar/wind, we fit the right technology to meet your project objectives.

Talk to our team about optimizing your  
hydrogen production project today!

 TotalHydrogen.com

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