HYDROGEN SERVICES

OUR SOLUTIONS

As we work towards a greener future, hydrogen's viability in the fight against climate change is becoming clear. However, many operators and developers don't have the bandwidth or technical capacity to support the multitude of uses being explored. EN Engineering's highly experienced team of engineers, metallurgists, and project managers are perfectly positioned to support the rapidly evolving hydrogen marketplace.

Our team's diverse experience supporting gas and electric utilities allows us to leverage in-house subject matter experts across the gas and electric transmission, distribution, and power generation spaces. We utilize this expertise to help shape projects and provide the necessary perspective to a broad group of stakeholders, helping them grasp the economic implications and engineering complexities involved in these cross-functional projects.

To successfully execute these first-of-its-kind projects, utilities and developers alike will need a broad range of project development, project and construction management, engineering and design, and inspection skillsets from which to draw upon, which EN Engineering stands ready to provide.

SERVICES

Project Development & Consulting

- Feasibility studies
- System modeling
- Pilot project scoping, study evaluations, and experiment tracking
- Standards and procedure development
- Metallurgical engineering and material evaluation
- Blending operations
- PSM review and HAZOP
- Regulatory assessment

Project & Construction Management

- Project controls
- Scheduling
- Commissioning
- Training

Engineering & Design

- Facility design and upgrades
- Skid design solutions
- Electrolysis integration
- Storage solutions
- Control system design and system integration
- Compliance sampling

Inspection Services