



## Supply Chain Solutions for Advanced Clean Energy Technologies

A U.S. supply chain for next-generation nuclear energy technologies does not exist. The Clean Energy Supplier Alliance was established in 2022 to close this gap.

The Clean Energy Supplier Alliance is an industry-led nonprofit with business and labor members collaborating to drive innovation, address supply chain challenges impacting a robust clean energy transition and pursue market opportunities.

Our work will accelerate the deployment of new nuclear and other advanced clean energy projects to support U.S. climate goals, increase energy security and create sustainable, good-paying jobs as carbon-emitting facilities are retired.

### Clean Energy Supplier Alliance Energy Technology Priorities

**Advanced Reactors • Small Modular Reactors • Micro Modular Reactors**

A diverse mix of advanced clean energy generation, storage and transportation solutions that include next-generation nuclear energy – alongside existing nuclear power, wind, solar and hydropower production – is the integrated all-of-the-above energy strategy needed to achieve greater energy security and address the climate challenge.

#### Commercial Nuclear Industry Expertise

The Clean Energy Supplier Alliance's established nuclear supplier members range from large global corporations to local small businesses with extensive experience supplying products and services for nuclear energy projects. These members provide key leadership and expertise to ensure the Supplier Alliance meets the needs and rigorous standards of next-generation nuclear power reactor clients.

#### Established Nuclear Supplier Members

- Babcock Services
- Burns & McDonnell
- Day & Zimmermann
- Energy Northwest
- Fluid Controls & Components
- Fluor
- Framatome
- HiLine Engineering & Fabrication
- HukariAscendent
- Orano
- Sargent & Lundy
- Tetra Tech



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Supplier Alliance**

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## Clean Energy Supplier Alliance Projects

The work we are doing to accelerate the deployment of new nuclear clean energy projects and create sustainable, good-paying jobs includes the following Supplier Alliance projects.

### Nuclear Supplier Quality

Nuclear quality management expertise must be reestablished and strengthened for the U.S. nuclear energy supply chain industry to grow and diversify. We are establishing a Northwest Nuclear Quality Management Center of Excellence to provide expertise, guidance and resources for existing and aspiring industry suppliers.

### Nuclear Supply Chain Workforce

The current nuclear supply chain workforce is aging and insufficient to support advanced nuclear energy facilities as they are deployed in the numbers necessary to replace fossil-fueled generation. We are engaging and supporting education and training partners addressing industry needs to accelerate next-generation workforce development.

### Nuclear Supplier Readiness

Companies intending to provide products and services for nuclear energy applications must meet stringent industry standards. We are implementing programs and processes companies can use to measure their operations against the criteria required to supply the nuclear industry and take the necessary steps to close any gaps.

### Nuclear Supply Chain Acceleration

The U.S. nuclear supply chain industry must possess the capabilities and capacity to deploy the advanced nuclear energy fleet with multiple concurrent new-build projects while avoiding cost overruns and schedule delays. We are engaging industry to implement advanced manufacturing technologies that deliver the promise of small modular and advanced reactor technologies: safer, simpler, cheaper and faster to deploy.

## Join the Clean Energy Supplier Alliance

Companies that provide – or plan to offer – products, services or personnel to support the deployment of advanced nuclear and other clean energy technologies are encouraged to explore Clean Energy Supplier Alliance membership. As an industry ecosystem, the Supplier Alliance fosters innovation, promotes and supports our community of suppliers and serves as our members' collective voice.

### Membership Benefits

The value of Clean Energy Supplier Alliance membership includes:

- Pathway for nuclear supplier credentials
- Business-to-business partnering and sales opportunities
- Access to new markets
- Shared business development resources
- Exchange of best practices and networking with member companies from across the supply chain



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