



## GLE Selected for DOE Funding Award

January 6, 2025

WILMINGTON, North Carolina —Global Laser Enrichment (GLE) was notified by the U.S. Department of Energy (DOE) that it has been selected for an award, subject to final contract negotiations, of up to \$28.5 million to advance next-generation uranium enrichment technology. Separately, GLE was not selected by the DOE for a \$900 million award under the Low-Enriched Uranium (LEU) Request for Proposals. GLE remains committed to its mission of supporting a secure, domestic nuclear fuel cycle and is actively pursuing next steps to advance the planned Paducah Laser Enrichment Facility (PLEF) and commercial deployment of its laser enrichment technology.

GLE's next steps include:

- **Re-enriching Depleted Tails:** GLE intends to re-enrich DOE high-assay depleted uranium tails at the PLEF facility. This would generate up to 2,000 metric tons of uranium hexafluoride (containing up to 5 million pounds of uranium) annually for over three decades—enough domestic supply to fuel nearly 10% of current U.S. reactor demand. This represents a nearly tenfold increase in domestic natural uranium output, significantly enhancing national energy security and fuel independence.
- **Commercialize Innovative Technology:** GLE is demonstrating the world's most advanced enrichment technology. GLE's laser enrichment process will offer significant efficiencies over current centrifuge enrichment, having completed large-scale demonstration testing complete and achieving Technology Readiness Level 6.
- **Advancing Licensing Efforts:** GLE is the only new market entrant with an enrichment license application under Nuclear Regulatory Commission (NRC) review. The company will continue working with the NRC to further our plans for the PLEF.
- **Engaging Industry Partners:** GLE will continue to collaborate with utilities, reactor developers, nuclear fuel suppliers, and other entities to align its technology with evolving market needs.

- End -

Further information on GLE's activities can be found on its website ([www.gle-us.com](http://www.gle-us.com)) or by completing the contact form on the website under the "Contact Us" tab.