

MEMORANDUM OF UNDERSTANDING

Between the State of Utah, Hi Tech Solutions LLC, and Holtec International

Regarding Workforce Development, Advanced Nuclear Manufacturing, and Deployment of SMR-300 Technology in Utah and the Mountain West

This Memorandum of Understanding (MOU) is entered into by and among the State of Utah, Hi Tech Solutions LLC (HTS), and Holtec International (collectively referred to as “the Parties”) to advance the shared goal of establishing a full-scale, regionally anchored nuclear energy ecosystem in Utah and the Mountain West.

WHEREAS:

- The Governor has launched *Operation Gigawatt* and embraced the *Built Here* strategy, seeking to increase energy and economic abundance and quality of life, through the expansion and development of new clean sources of baseload energy, workforce development to support new energy technologies and energy resilience;
- Operation Gigawatt outlines four key goals: increasing transmission capacity, expanding energy production, enhancing clean energy policies (including support for nuclear), and investing in innovation and research that align with Utah’s energy priorities;
- HTS and Holtec International are recognized leaders in the commercial nuclear industry with over 60 years of combined experience in project execution, fuel and component technology, workforce development, and reactor innovation;
- HTS and Holtec are collaborating to pursue the deployment of Holtec’s SMR-300 small modular reactor technology, supported by in-region training, manufacturing, and development efforts;
- Utah seeks to be a national leader in nuclear workforce development, advanced manufacturing, and clean energy deployment through public-private collaboration;
- The Parties believe that energy independence and the secure growth of AI data centers are vital to both state and national security, and that the development of a robust nuclear ecosystem positions Utah and the Mountain West to lead the nation in meeting these critical objectives;
- The Parties affirm their shared alignment with the goals of Operation Gigawatt and view this MOU as a strategic tool for advancing its pillars by leveraging proven nuclear leadership and collaborative innovation.

NOW, THEREFORE, THE PARTIES MUTUALLY EXPRESS THEIR INTENT TO COLLABORATE IN THE FOLLOWING AREAS:

1. Workforce Development in Nuclear Technologies

HTS and Holtec International will establish a regional nuclear training center in Utah. A temporary facility will begin operation in 2025/2026, with construction of a 35 million-dollar full-scale, permanent facility beginning in 2027/2028. This center will:

- Focus on Operations, Maintenance, and Future Technologies;
- Train workers in operations, maintenance, and construction for both the existing U.S. reactor fleet and next-generation technologies for SMRs;
- Collaborate with Utah-based universities, technical colleges, and trade schools;
- Align with Operation Gigawatt's emphasis on workforce investment and innovation;
- Demonstrate the critical role of experienced nuclear partners in scaling up regional talent pipelines.

2. SMR-Driven Advanced Manufacturing

HTS and Holtec International will develop a dedicated nuclear manufacturing presence in Utah by 2028. Holtec International has identified Utah as its preferred Western location for advanced manufacturing in support of its SMR-300 program. These facilities will:

- Manufacture and assemble SMR-related components and systems;
- Strengthen U.S. nuclear supply chains;
- Generate high-quality, long-term employment opportunities in Utah;
- Contribute to Utah's expanded energy production goals under Operation Gigawatt;
- Advance the third pillar of Operation Gigawatt by enabling new clean energy technologies through proven nuclear innovation and production expertise.

3. Deployment of SMR-300 Reactors

The workforce and manufacturing efforts are intended to support the deployment of Holtec's SMR-300 small modular reactors in Utah and the broader Mountain West.

These reactors will:

- Deliver clean, scalable, and reliable energy;
- Advance energy independence and quality of life through increased state and national security;
- Support long-term grid stability and economic growth;
- Help fulfill Operation Gigawatt's call for reliable clean energy policy advancement;
- Serve as an anchor for Utah's leadership in the intersection of power resilience and national infrastructure security.

4. State of Utah Potential Areas of Support

The State of Utah expresses its intent to:

- Explore opportunities to support permitting and regulatory coordination as an Agreement State under the NRC;
- Encourage collaboration amongst state and other partners to align economic development tools;
- Promote education and training pathways for a long-term nuclear workforce; and
- Encourage innovation and research partnerships that align with Operation Gigawatt's strategic goals.

5. General Provisions

- This MOU is a non-binding expression of mutual intent and does not create legally enforceable obligations.
- This MOU may be modified or expanded upon by mutual written agreement of all parties.
- Nothing in this MOU shall be construed to grant any exclusive rights or commitments to Hi Tech Solutions LLC, Holtec International, or any other party. The State of Utah reserves the right to explore, support, or collaborate on similar initiatives with other entities at its sole discretion.

IN WITNESS WHEREOF, the undersigned have executed this MOU to reflect their shared commitment to building Utah's nuclear future:

FOR THE STATE OF UTAH

Name: Emy Lesofski




Title: Director of the Utah Office of Energy Development

Date: 30 April 2025

FOR HI TECH SOLUTIONS LLC

Name: Chris Hayter



Title: President & Chief Operating Officer

Date: 30 April 2025

FOR HOLTEC INTERNATIONAL

Name: Dr. Rick Springman PH. D



Title: President of Global Clean Energy Opportunities

Date: 30 April 2025