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Ameresco and Terrestrial Energy to Deliver IMSR Advanced Nuclear Power to U.S. Army's Aberdeen Proving Ground

September 21, 2026

The U.S. Army Strategic Capital Initiatives project will employ natural gas and IMSR Plant advanced nuclear generation

Announcement Follows Terrestrial Energy and Ameresco's June 2025 MOU to collaborate on the identification of sites and on development of power projects across the United States

CHARLOTTE, N.C.--(BUSINESS WIRE)--Sep. 21, 2026-- Terrestrial Energy Inc. (Nasdaq: IMSR) ("Terrestrial Energy" or the "Company"), a leader in Generation IV molten salt nuclear plants supplying electricity and high-temperature industrial heat, today announced its support and role as supplier of advanced nuclear plant technology for Ameresco Inc.'s power plant project at the U.S. Army's Aberdeen Proving Ground (APG) in Maryland. This follows a competitive request for proposals and selection process by the Army as part of its Strategic Capital Initiatives and Ameresco's recent successful selection.

Ameresco's APG power project is planned to provide commercial power generation capacity to the regional electricity market and enhance APG's electric power resiliency. The project is a phased development of natural gas and advanced nuclear commercial power generation. Terrestrial Energy is supporting Ameresco as the supplier of advanced nuclear generation technology with its Integral Molten Salt Reactor (IMSR) Plant design, an advanced reactor that captures the exceptional inherent safety features of a molten salt reactor to supply resilient, firm, clean power.

"Terrestrial Energy is excited to be partnering with Ameresco to support the U.S. Army's Strategic Capital Initiatives to build advanced energy resilience at one of the country's most critical research and testing installations. This project is expected to deliver resilient power supply and support the nation's energy security policy objectives," said Simon Irish, CEO of Terrestrial Energy. "Ameresco is at the forefront of mission-critical projects, and we are honored to be partnering with them."

This U.S. Army Strategic Capital Initiatives development follows the June 2025 announcement by Terrestrial Energy and Ameresco of a collaboration to identify sites and develop IMSR Plant projects across the United States.

"We are excited to advance this critical project at Aberdeen Proving Ground and support the U.S. Army's efforts to strengthen long-term energy resilience and security," said Nicole Bulgarino, co-president of Ameresco. "Ameresco is pleased to partner with Terrestrial Energy as we work together to bring forward innovative, reliable power solutions that can help meet the evolving energy needs of the U.S. Army."

Terrestrial Energy's IMSR Plant is designed to supply clean firm, low-cost electricity and high-quality industrial heat with high capital efficiency. It pairs a triple operating advantage - high temperature, low pressure and inherent safety – with a modular architecture built for fast on-site construction. At 390 MWe, the IMSR Plant is sized to serve multiple energy-intensive industrial applications requiring clean firm power at large scale, and its output can be customized to each site's energy demand.

The IMSR Plant is differentiated in the Generation IV advanced reactor sector with its use of standard enrichment - standard-assay low-enriched uranium (SALEU, less than 5% U-235) leveraging long-established commercial nuclear fuel supply chains.

About Terrestrial Energy

Terrestrial Energy is a developer of Generation IV nuclear plants powered by its Integral Molten Salt Reactor (IMSR) technology, delivering innovation in efficiency, cost, versatility and functionality. The IMSR Plant is small, modular and designed to supply low-cost, reliable, high-temperature heat and electricity for industrial applications, including data centers and petrochemical synthesis. By extending nuclear energy beyond power markets, IMSR supports clean firm heat and power, self-reliance, grid reliability and economic growth. Using proven molten salt technology and inexpensive standard-assay low-enriched uranium fuel, Terrestrial Energy is working with regulators, suppliers and partners to commission the first IMSR plants across multiple sites in the U.S. in the early 2030s. Learn more: terrestrialenergy.com.

Forward-Looking Statements

The statements contained in this press release that are not purely historical are forward-looking statements. These forward-looking statements include, but are not limited to, statements regarding our expectations, milestones, hopes, beliefs, intentions or strategies regarding the future. In addition, any statements that refer to projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, are forward-looking statements. The words "anticipate," "believe," "continue," "could," "estimate," "expect," "intends," "may," "might," "plan," "possible," "potential," "predict," "project," "should," "will," *"would" and similar expressions may identify forward-looking statements, but the absence of these words does not mean that a statement is not forward-looking.*

The forward-looking statements contained in this press release are based on our current expectations and beliefs concerning future developments and their potential effects on the Company. There can be no assurance that future developments affecting the Company will be those that we have anticipated. These forward-looking statements speak only as of the date of this press release and involve a number of risks, uncertainties (some of which are beyond our control) or other assumptions that may cause actual results or performance to differ materially from those expressed or implied by these forward-looking statements. Factors that may cause actual results to differ materially from current expectations include, but are not limited to: (1) risks related to the development, manufacturing and construction of IMSR Plants and key components, including potential delays, cost overruns and contractor performance issues; (2) the Company's ability to obtain applicable regulatory approvals and licenses on a timely basis or at all; (3) the possibility that our estimates regarding lifetime revenue and gross margin of IMSR Plants and our serviceable addressable market or the underlying assumptions may prove to be incorrect; (4) the ability of management to manage growth; (5) the possibility that the Company may be adversely affected by other economic, business, and/or competitive factors, including from alternative energy technologies, energy price volatility, and competition from other advanced reactor developers; (6) potential supply chain constraints and cost inflation for specialized nuclear-grade materials and components; (7) any failure to comply with the laws and regulations governing the use, transportation, and disposal of toxic, hazardous and/or radioactive materials; (8) changes in domestic and foreign business, market, financial and political conditions, and in applicable laws and regulations, including tariffs; (9) the ability to raise additional funding in the future; (10) the outcome of any legal proceedings that may be instituted against the Company; and (11) other risk factors described herein as well as the risk factors and uncertainties described in the documents filed by the Company from time to time with the U.S. Securities and Exchange Commission (the "SEC").

The foregoing list of risk factors is not exhaustive. You should carefully consider the foregoing risk factors and the other risks and uncertainties described in the documents filed by the Company from time to time with the SEC. In addition, there may be additional risks that the Company presently knows, or that it currently believes are immaterial, that could also cause actual results to differ from those contained in the forward-looking statements. Nothing in this communication should be regarded as a representation or warranty, either express or implied, by any person that the forward-looking statements set forth herein will be achieved or that any of the contemplated results of such forward-looking statements will be achieved. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made.

In addition, the information contained in this press release is provided as of the date hereof and may change, and the Company and its representatives and affiliates specifically disclaim any obligation to, and do not intend to, update or revise any forward-looking statements, whether as a result of new information, inaccuracies, future events or otherwise, except as may be required under applicable securities laws. Information contained on our website is not a part of or incorporated into this press release.

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