

GREENWOOD COUNTY, KANSAS

Proposal for Consideration

Subject: TerraPower Advanced Nuclear Facility – Greenwood County Opportunity

Date: November 2025

Background

TerraPower, in partnership with Evergy and the Kansas Department of Commerce, recently signed a Memorandum of Understanding (MOU) to evaluate Kansas sites for the construction of its next-generation Sodium advanced nuclear reactor. The project represents a major step forward in energy innovation, grid stability, and long-term energy security for Kansas.

TerraPower has indicated that site selection will prioritize locations demonstrating:

1. Strong community support – including formal endorsement from local governing bodies.
2. Access to 345 kV transmission infrastructure – ensuring reliable connection to the regional power grid.

The facility will require approximately 80–120 acres. Because the Sodium reactor is sodium-cooled, no large water source is required, expanding the range of suitable inland sites.

Economic Impact

The proposed TerraPower facility would bring substantial and lasting economic benefits to the region:

- 1,600 construction jobs during the estimated **7-year build phase**, providing steady regional employment and creating demand for local services and housing development.
- 250 long-term operational jobs once the facility is fully operational.
- Significant indirect job creation through local services, housing, education, and supply chain industries.

The multi-year construction timeline offers the region a unique opportunity to **plan and develop new housing and infrastructure** to support incoming workers, further stimulating the local economy.

This project represents one of the most transformative economic development opportunities for Greenwood County and the surrounding region in decades.

Greenwood County Advantages

Greenwood County offers several competitive advantages that align closely with TerraPower's site requirements:

- **Strategic Location:** Centrally located in the Flint Hills region with access to major highways and infrastructure. Potential sites near Eureka are in proximity to existing 345 kV transmission lines north of the city, with additional transmission infrastructure throughout the county.
- **Utility Partnership:** Evergy, a partner in the state's MOU with TerraPower, serves Greenwood County and operates transmission assets that could support the project.
- **Land Availability:** Multiple 80–120 acre parcels are available for consideration, with minimal environmental constraints and ready access to utilities.
- **Workforce and Education:** The State of Kansas has committed to working with colleges and universities across the state to fill the workforce needs associated with the project.
- **Community Readiness:** Greenwood County has a history of cooperation among local governments, schools, and businesses, offering a supportive environment for large-scale infrastructure projects.

Next Steps

1. **Board & Council Support:** The Greenwood County Commission and the Eureka City Council are encouraged to vote in support of the TerraPower project, demonstrating unified community backing. Scheduled votes are planned for **November 3rd** (County Commission) and **November 10th** (City Council). Following approval, a joint letter of interest will be drafted and signed by the County Commission Chair and the Eureka Mayor/Acting City Administrator.
2. **Letters of Support:** In addition to the local Boards' letter of interest, letters of support will be solicited from community stakeholders and businesses to demonstrate broad-based community endorsement of the project.
3. **Submission Timeline:** All letters of interest and supporting documentation will be submitted to TerraPower and the State of Kansas by **November 21st, 2025**, in advance of the State's requested deadline of **December 1, 2025**. Site selection is anticipated to begin in early 2026. It is expected that TerraPower will narrow the field to 2–3 communities, which will then be invited to prepare presentations for consideration.
4. **Public Engagement:** A dedicated landing page will be created on the Greenwood County website to provide the public with accurate and up-to-date information regarding the project.

Conclusion

Hosting TerraPower's advanced nuclear facility would position Greenwood County at the forefront of Kansas' energy future. With available infrastructure, a skilled and trainable workforce, and strong local and regional collaboration, Greenwood County stands ready to partner in this landmark opportunity for sustainable growth and innovation.

Press Release

TerraPower, Evergy and the State of Kansas announce agreement to explore advanced nuclear energy deployment September 23, 2025 – TerraPower, a nuclear innovation company, Evergy (NASDAQ: EVRG) and the Kansas Department of Commerce, announced today the signing of a memorandum of understanding (MOU) to explore siting TerraPower’s flagship technology, the Natrium® reactor and energy storage system, within Evergy’s service territory in Kansas. This agreement will enable the collaboration between the entities to evaluate site-specific characteristics for a potential advanced nuclear power plant, as well as explore the Natrium plant’s technical design and ability to support Evergy’s customers. Site selection will be based on an evaluation of a variety of factors including community support, the physical characteristics of the site, the ability of the site to obtain a license from the U.S. Nuclear Regulatory Commission and access to existing infrastructure. “My administration has always supported an ‘all-of-the-above’ approach when meeting the energy needs of Kansas citizens and businesses,” Governor Laura Kelly said. “We need to explore all available sources to power the future of our great state, and I’m pleased we’re using innovative methods to do just that.” “Our Natrium technology features a next-generation reactor with enhanced safety and efficiency, paired with utility-scale storage to ensure grid resilience,” said TerraPower president and chief executive officer Chris Levesque. “The TerraPower team is excited to advance conversations with Evergy, state leaders and local communities on the opportunities that the Natrium reactor and energy storage system brings to Kansas.” “Nuclear energy has been part of Evergy’s generation mix for decades, and this next step will allow us to explore the opportunity to add reliable, non-carbon emitting advanced nuclear energy in the state of Kansas,” said David Campbell, Evergy’s chairman and chief executive officer. “This agreement supports our all-of-the-above energy strategy and will allow us to evaluate the cost, technology, and feasibility of potentially deploying Natrium advanced nuclear plants.” “Expanding the use of nuclear energy strengthens U.S. energy independence while bringing down electricity costs for Kansas rate payers,” said U.S. Senator Jerry Moran. “TerraPower’s decision to collaborate with Evergy and invest in our state is a testament to the skill, opportunity and capabilities found in Kansas, and this partnership will help to advance energy innovation, bolster the Kansas workforce and make certain our state remains a place where business and talent can thrive.” “Nuclear energy is the way of the future,” said U.S. Senator Roger Marshall. “Nuclear produces reliable, clean power — and a lot of it. I’m excited about the prospect of welcoming TerraPower’s Natrium reactor to Kansas and look forward to helping bring this project to fruition so that Kansans can have safe, reliable, and affordable energy.” “In order to continue our state’s phenomenal surge in economic activity that benefits Kansas residents and communities,” Lieutenant Governor and Secretary of Commerce David Toland said, “we need to consider all innovative options that strengthen our competitive position while driving down costs for consumers. This project could do both.” The Natrium technology features a 345 MWe sodium-cooled fast reactor with a molten salt-based energy storage system. The storage technology can boost the system’s output to 500 MW of power when needed as it is designed to keep base output steady, ensuring constant reliability, and can quickly ramp up when demand peaks — it is the only advanced reactor design with this capability. TerraPower broke ground on the first Natrium project in 2024 in Wyoming and is positioned to be America’s next commercial-scale nuclear power plant. About TerraPower TerraPower is a leading nuclear innovation company that strives to improve the world through nuclear energy and science. Since it was founded by Bill Gates and a group of like-minded visionaries, TerraPower has emerged as an incubator and developer of ideas and technologies that offer energy independence, environmental sustainability, medical advancement, and other cutting-edge opportunities. It accepts and tackles some of the world’s most difficult challenges. Behind each of its innovations and programs, TerraPower actively works to bring together the strengths and experiences of the world’s public and private sectors to answer pressing global needs. Learn more at terrapower.com. About Evergy Evergy, Inc. (NASDAQ: EVRG) serves 1.7 million customers in Kansas and Missouri. Evergy’s mission is to empower a better future. Our focus remains on producing, transmitting and delivering reliable, affordable, and sustainable energy for the benefit of our stakeholders. Today, about half of Evergy’s power comes from carbon-free sources, creating more reliable energy with less impact to the environment. Headquartered in Kansas City, our employees are active members of the communities we serve. For more information about Evergy, visit us at www.evergy.com. About the Kansas Department of Commerce As the state’s lead economic development agency, the Kansas Department of Commerce strives to empower individuals, businesses and communities to achieve prosperity in Kansas. Commerce accomplishes its mission by developing relationships with corporations, site location consultants and stakeholders in Kansas, the nation and world. Our strong partnerships allow us to help create an environment for existing Kansas businesses to grow and foster an innovative, competitive landscape for new businesses. Through Commerce’s project successes, Kansas was awarded Area Development Magazine’s prestigious Gold Shovel award in 2021, 2022, 2023 and 2024, and was awarded the 2021 and 2022 Governor’s Cup by Site Selection Magazine.