

# Renewable Energy – The Future is Here – Exploring and Learning Today

## A Summer STEM Camp

June 1 – 6, 2025 -- Hosted on the NWOSU campus in Alva, OK



**FREE Summer 2024 STEM Camp for Oklahoma students entering grades 9-12 in fall 2024**

Funded by the Oklahoma State Regents for Higher-Education and hosted by Northwestern Oklahoma State University, High Plains Technology Center,



OG&E, and Next Era Energy, *Renewable Energy – The Future is Here – Exploring & Learning Today:* A summer STEM camp will engage



students in hands-on learning with experts in higher-education as well as professionals in the field of renewable energy. Students entering grades



9-12 in the fall of 2025 are eligible to apply. Students will get an inside view of a nacelle, experience with simulators and a climbing tower, and see an operational Renewable Energy Site. Students will learn about the generation and use of electricity as well as an introduction to electronics and robotics. Students will have hands-on experiences with the Renewable Energy Trainer,



a portable Microgrid training device that includes power generation, micro-inverter, and storage using renewable energy technology. Students will also build and assemble a wind turbine, and learn about solar power as well as hydroelectric power.

**Apply online at <https://www.nwosu.edu/stem-summer-camp>**

**(applications accepted March 1 – April 1, 2025)**

Questions or for more information contact Dr. Tim Maharry @ [tjmaharry@nwosu.edu](mailto:tjmaharry@nwosu.edu) or 580-327-8583

