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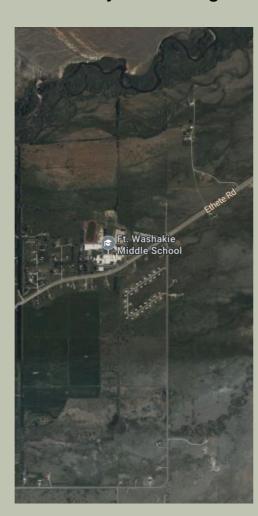


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Technical Solar Sales, Creative Energies

# Community-Centric Energy Transition in Wind River

A Needs-Based Approach to Energy Innovation, STEM Education, Workforce Development, and Air Quality Monitoring at Fort Washakie School in the Wind River Reservation, Wyoming.





# Addressing Multidimensional Challenges Together

## **Energy Security**

Persistent outages affect student learning, safety, access to free lunch programs, wifi, air quality monitoring and more in this community facing compound educational, environmental and economic challenges.

#### **Energy Poverty**

Unstable and costly power leads residents to burn materials for heat in harsh Wyoming winters. The school serves as a crucial warm and safe refuge for students.

#### **Energy Transition**

Renewable energy generation and storage solutions on the Wind River Reservation will enable the community to improve energy security, reduce risk and provide experiential learning opportunities

#### Air Quality

The decommissioned
Uranium mine and toxic
tailings pose a serious air
quality risk in the region.
Energy insecurity hinders
consistent and reliable air
quality monitoring and
research.