

WHAT EVERY RESIDENT NEEDS TO KNOW

Black Ridge & Lava Run Wind Turbine Projects — Vernon / Apache County, Arizona

Community Information Brief — February 2026

▶ THE PROJECTS

Two massive wind farm projects target Apache County: Black Ridge (Triple Oak Power, 1,150 MW, target 2029) and Lava Run (Repsol, 112+ turbines, 654 ft tall). Combined, they would industrialize tens of thousands of acres of pristine grazing land, volcanic fields, and scenic corridors along US-60 and SR-61 near Vernon and Springerville.

▶ FOLLOW THE MONEY — FOREIGN OWNERSHIP

Triple Oak Power is funded by Energy Capital Partners (NJ), acquired in 2024 by Bridgepoint Group plc — a British firm on the London Stock Exchange (FTSE 250) with £75 billion in global assets. Repsol is a Spanish multinational. Arizona bears all the risk while foreign shareholders reap the returns.

▶ UNPRECEDENTED TURBINE HEIGHTS

Proposed turbines at 654–700+ feet dwarf the U.S. average of ~500 ft. No health or environmental studies have ever been conducted on land-based turbines this tall near homes. Residents are being asked to accept untested risks.

▶ HUMAN HEALTH RISKS

Peer-reviewed research documents sleep disruption, noise-induced stress, reduced heart rate variability, and chronic annoyance. Ontario's tribunal ruled that noise-to-stress-to-health-decline constitutes "serious harm." These studies were on SHORTER turbines.

▶ BPA & CHEMICAL CONTAMINATION

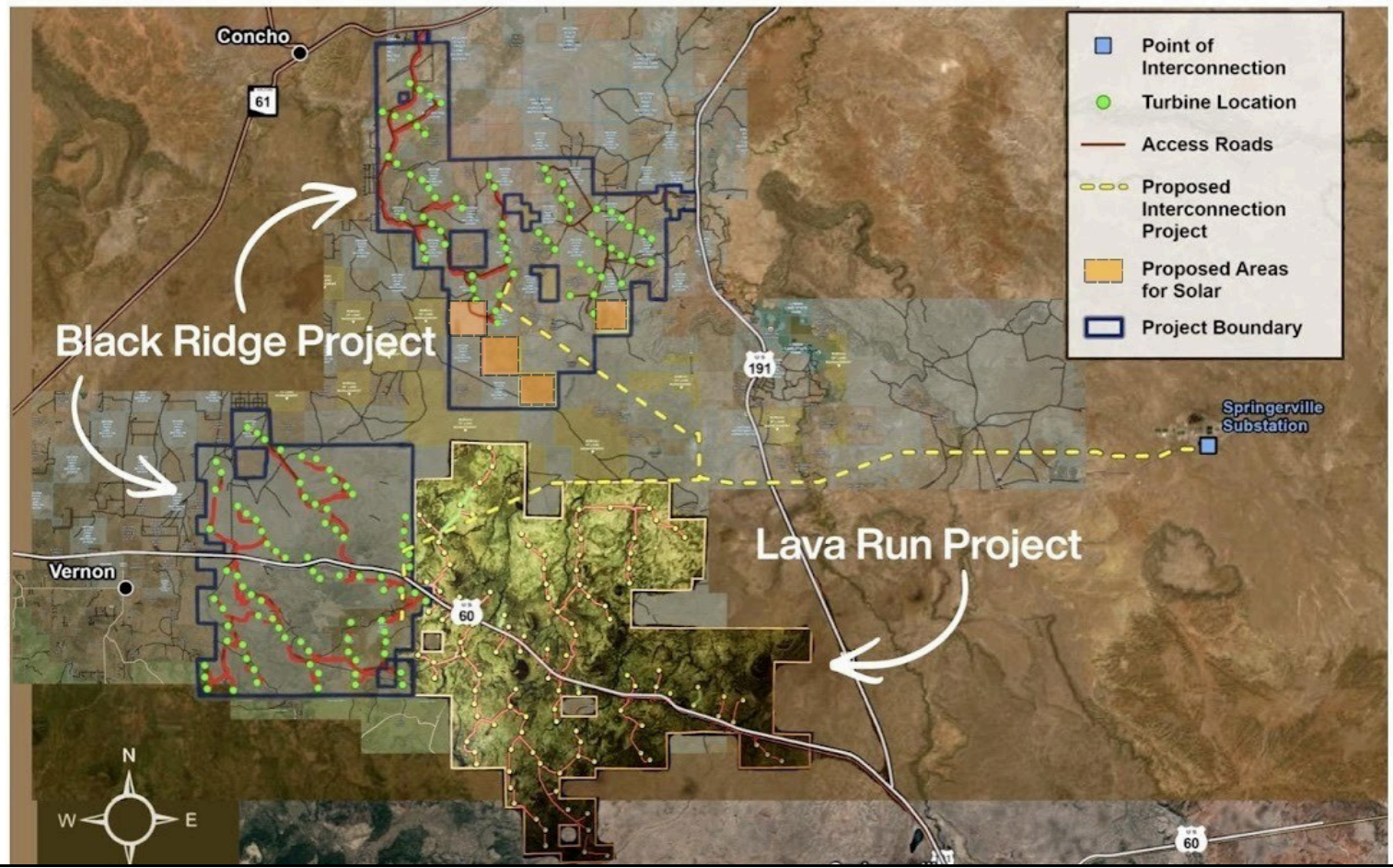
Turbine blades shed Bisphenol A (BPA)—a potent endocrine disruptor—as microplastics (~137 lbs/turbine/year). BPA causes reproductive harm and genetic damage in wildlife. No emission permits or monitoring required.

▶ WATER & LIVESTOCK AT RISK

BPA persists in groundwater. Monsoon runoff could concentrate microplastics into washes feeding wells. Livestock ingesting BPA-laden particles face accelerated contamination. Rural Arizona's water and ranching economy are uniquely vulnerable.

▶ LOCAL WEATHER DISRUPTION

NASA satellite studies and the 2025 AWAKEN field campaign confirm wind farms warm nighttime ground temperatures, alter the boundary layer that controls local weather, and can reduce downwind rainfall. In Vernon's dry climate with clear desert nights, turbines at 700 ft would punch through the shallow nighttime atmosphere—acting as giant fans that change temperature, moisture, and wind patterns for miles.



UPCOMING EVENTS

APR 1 WED Planning & Zoning Commission Meeting
Wed, Apr 1, 2026, 5pm
Board of Supervisors Room

APR 7 TUE Board of Supervisors Meeting
Tue, Apr 7, 2026, 8:30am
Ganado Road Yard Conference Room

**COME TO THE UPCOMING EVENTS WEAR RED!!
SHOW THEM WE DO NOT WANT THIS ALTERNATIVE ENERGY IN OUR COMMUNITY!**

APACHE COUNTY
"Come live and work in Apache County!"
APACHE COUNTY GOVERNMENT:
(928) 337-4364
75 WEST CLEVELAND,
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Write, Email, Call our legislators!!

AZ Legislator

Eli Crane

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saveazwhitemountains.org Triple Oak/Black Ridge

stoplavarunaz.com Repsol/Lava Run

On Facebook -

Stop Black Ridge!

STOP LAVA RUN!



FOR MORE INFORMATION-

LOCAL MEETING EVERY SUNDAY 3p VERNON PARK