

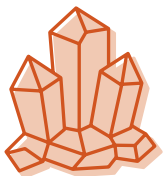


OKLAHOMA
Commerce

WHERE MINERALS MEET MARKET

OKLAHOMA: America's Critical Minerals Processing & Refining Capital

*Securing National Defense, Powering Next-Generation Technology,
and Building Domestic Supply Chain Independence.*



As the U.S. moves to reshore essential manufacturing and reduce foreign dependence, Oklahoma stands at the center of the nation's critical minerals strategy. Rather than focusing solely on extraction, Oklahoma solves the supply chain's "missing middle"—providing the energy infrastructure, central logistics, pro-business climate, and specialized workforce needed to refine, process, and deploy critical minerals at industrial scale.



1,200+

Annual Engineering
& Energy-Related
Graduates Statewide



5,900

Engineering Graduates
from OU & OSU Alone
Over 5 Years



Central North American
Location for Supply Chain
Distribution & Inland Port
Logistics



Top-Tier Energy Reliability
Powered by Surplus Natural
Gas, Wind, Solar, Hydro and
Grid Infrastructure



A Workforce Built for Subsurface Expertise and Industrial Processing

Strategic Positioning: Oklahoma’s heritage in oil, gas and energy has built a workforce that translates directly into critical minerals. From geological mapping and subsurface characterization to chemical separation and advanced manufacturing, Oklahoma’s talent pipeline supports every phase of the critical minerals value chain.

FLAGSHIP RESEARCH & DISTRIBUTED NETWORK



University of Oklahoma & Oklahoma State University: Flagship research institutions anchoring the state’s industrial pipeline, producing more than 1,000 engineering and applied science graduates each year.



Statewide Regional Network: A distributed network of institutions—including UCO, Rose State College, SWOSU, and NEO A&M—delivering localized, industry-ready technical talent and specialized certifications.



Specialized Disciplines Supporting Critical Minerals

Discipline	5-Year Impact	Direct Industry Application
Chemical Engineering	580+ Graduates	Rare earth separation, lithium refining, battery precursor manufacturing, metallurgical processing.
Electrical Engineering	1,000+ Graduates	Magnet manufacturing, power grid integration, robotics, semiconductor processing, battery tech.
Civil & Environmental	1,200+ Graduates	Industrial plant development, site permitting, water treatment, ESG, supply chain infrastructure.
Geosciences & Geophysics	Specialized Advanced Pipeline	Subsurface resource mapping, seismic modeling, rare earth characterization, environmental assessment.



Closing the “Missing Middle” of the American Supply Chain



UNMATCHED LOGISTICS & WATERWAY ACCESS

Inland Waterway Port System: Direct river transport via the **McClellan-Kerr Arkansas River Navigation System (MKARNS)** and major hubs like the **Port of Inola** and **Port of Catoosa** enables bulk movement of raw concentrates and materials directly from Gulf ports.

Central Multimodal Hub: Intersecting interstate highways (I-35, I-40, I-44) and Class I rail networks provide 2-day delivery capacity to 90% of North American markets.



LOW-COST, HIGH-RELIABILITY ENERGY

Oklahoma’s robust energy surplus—powered by low-cost natural gas and top-tier wind capacity—offers energy-intensive processing facilities low operating costs and high grid reliability.



DIRECT NATIONAL DEFENSE & AEROSPACE ALIGNMENT

Critical minerals are vital to defense readiness, hypersonic technologies, radar systems, and military hardware.

Home to **Tinker Air Force Base** (the DoD’s largest air depot) and a diverse aerospace and defense cluster, Oklahoma offers immediate, in-state demand for processed materials and magnets.



Why Industry Leaders Choose Oklahoma

CRITICAL MINERALS ECOSYSTEM

RARE EARTHS

USA Rare Earth (Stillwater)

» Rare Earth Metal & Magnet Manufacturing

LITHIUM & BATTERIES

Stardust Power (Muskogee)

» Battery-Grade Lithium Refinery

METALS & SMELTING

Emirates Global Aluminum & U.S. Aluminum (Inola)

» \$4B Primary Smelter & Fabrication Facility

PREMIER PROJECT HIGHLIGHTS



USA Rare Earth (Stillwater): Developed the nation's first fully integrated "mine-to-magnet" rare earth metal and permanent magnet manufacturing facility.



Stardust Power (Muskogee): Establishing a major battery-grade lithium refinery to supply North American EV and energy storage markets.



Westwin Elements (Lawton): Built America's first commercial critical minerals pilot plant focused on nickel and cobalt refining.



Emirates Global Aluminum / U.S. Aluminum Co. (Port of Inola): Transforming domestic supply chains with a multi-billion dollar primary aluminum smelter and fabrication plant.



Pro-Business Climate & Incentives

OKLAHOMA QUALITY JOBS PROGRAM:

Provides up to 5% cash back on payroll quarterly for up to 10 years on strategic industrial and some service companies.

CUSTOMIZED WORKFORCE TRAINING:

Free, customized employee training through the Oklahoma TechOne / CareerTech system.

STREAMLINED REGULATORY ENVIRONMENT:

Fast-track environmental permitting and a "one phone call state" approach to economic development, taking projects from site selection to operational commissioning rapidly.



For more information, contact:

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