

# COAL – A CRITICAL RESOURCE

Powering Infrastructure. Enabling Industry. Strengthening America.



Coal is one of America's most essential and strategically important natural resources.

- It fuels the electric grid.
- It forms the backbone of steel production.
- It strengthens infrastructure.
- It supports advanced manufacturing.
- It yields carbon materials and rare earth elements critical to modern technology and national security.

Coal is not simply energy.

Coal is industrial infrastructure.

# WITH COAL

Foundational to **Modern Civilization.**

## Coal underpins the systems that sustain modern life.

It is not confined to power generation. Coal enables the **production** of the materials that build, connect, protect, and sustain our nation.

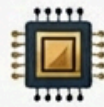
**From infrastructure to innovation**, coal-derived products are embedded in the American economy.

## COAL SUPPORTS:



### Grid Reliability

Stable, dispatchable electricity for homes, hospitals, data centers, and industry.



### Advanced Manufacturing

Carbon materials enable electronics, filtration, and composite technologies.



### Steel Production

Metallurgical coal remains essential for blast furnace steelmaking.



### Agricultural Productivity

Soil amendments and carbon-based inputs enhance crop yields.



### Infrastructure Durability

Fly ash strengthens concrete used in roads, bridges, and dams.



### Public Health

Activated carbon supports dialysis, purification, and pharmaceutical processes.



### National Security

Coal and coal by-products contain rare earth elements and strategic minerals critical to defense.

Coal is integrated across sectors that define economic strength and industrial independence.

**Modern civilization is built upon foundational materials.  
Coal remains one of them.**