UNION PACIFIC
Industrial Energy Transportation

www.up.com/coal

September 2015

BUILDING AMERICA®

Delivering Your Power Source

What is Industrial Energy?
Industrial Energy customers produce and consume electricity or steam to power onsite production. The same commodity that produces energy can also be used as a carbon source for some industrial uses, such as aluminum and steel.

Who is an Industrial Energy Customer?
Any consumer who burns coal, petroleum coke or biomass for energy or as an additive in a production process.
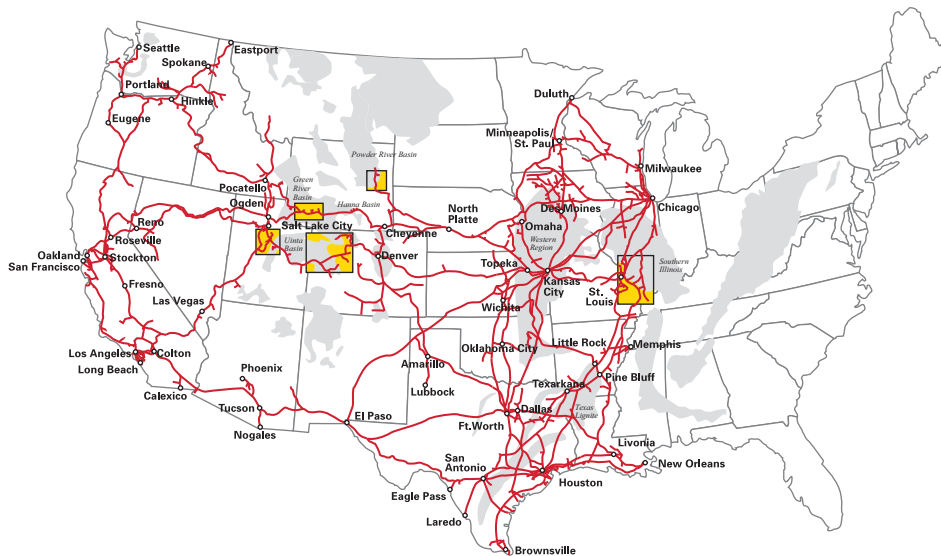
Why Union Pacific?
- Faster, consistent transit times increase delivery reliability and confidence
- Multiple routing alternatives with built in redundancy and recoverability increase our customers' fuel security

Why Union Pacific cont'd?
- Excellent communication between Union Pacific, our customers, and our connecting rail carriers, allows Union Pacific to provide seamless service
- Capital investments made across the Union Pacific network support our commitment to superior service
- Better fuel efficiency than trucks; transporting by rail consumes four times less fuel than moving the same shipment on the highway
- World class energy conservation techniques; shipping with Union Pacific benefits the environment
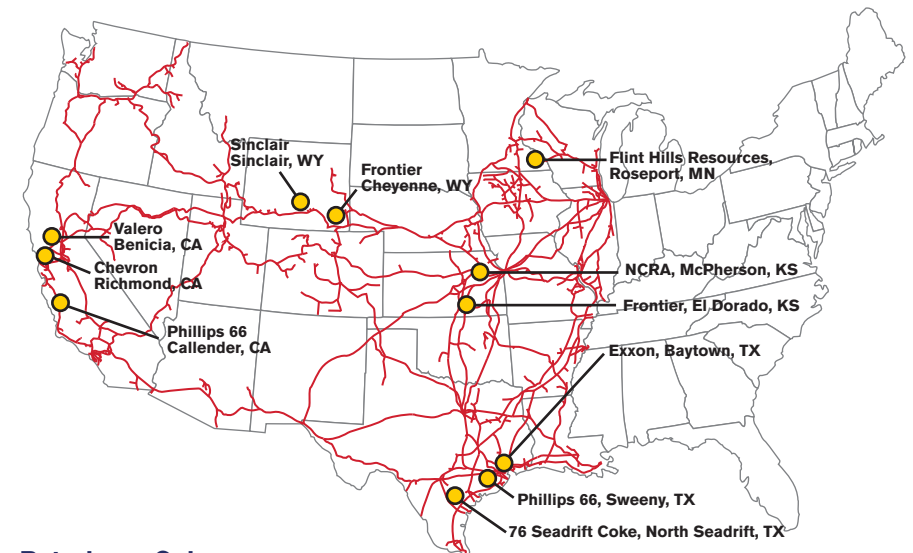- Innovative approaches to enhance the safety and security of our employees, communities and customers

Union Pacific Served **Coal Mines**

Coal
- Union Pacific moves millions of tons of coal annually to industrial markets from mines in Wyoming, Colorado, Utah and Illinois Basins; we also deliver energy products that originate on connecting railroads
- Union Pacific's access to multiple coal basins provide a variety of coal types and specifications

Union Pacific Served **Coke Refineries**

Petroleum Coke
- Union Pacific serves many refineries with cokers, providing multiple sourcing options to consumers
- Union Pacific also serves a Petroleum Coke Calciner in Enid, Oklahoma

Get Started!
For more information about shipping energy products for your business, contact **indenergy@up.com**.