

Synfuels Production from Lignite

Unit 3: Energy Production and Transmission

Today, coal makes up about _____% of our generation portfolio.

What three ingredients do they begin with for the gasification process?

1. _____
2. _____
3. _____

How many people does the Synfuels Plant today employ? _____ people

How many tons of lignite coal comes from Freedom Mine? _____ tons

How many gallons of water from Lake Sakakawea is used during gasification that is then later produced to high pressure steam? _____ million gallons

What is pipeline-quality natural gas used for?

In 16 years since capture began, _____ million tons of CO₂ have been sent to the Canadian oil field.

How far does the Carbon dioxide Pipeline stretch? _____ miles

How many products does the Synfuels Plant currently produce?

List the Chemicals and Fuels

1. _____
2. _____
3. _____
4. _____

