

How dependable electricity reaches you

Do you know how far your power has to travel before it gets to you?

Power Plant

Water is heated to steam using coal and natural gas. The steam turns turbines that turn generators to produce electricity.

Step-Up Substation

Transformers increase the voltage up to 345,000 volts, so it can travel long distances.

High-Voltage Transmission Lines

Lines carry electricity over long distances.

Transmission Substation

Transformers reduce the voltage, making it suitable for delivery.

Large Industry

Industries need electricity to run heavy machinery.

Distribution Substation

Substations reduce electricity to 7,200-14,400 volts for distribution to co-op members.

Distribution Lines

Lines carry electricity to transformers that reduce power levels for use in schools, farms, businesses and homes.

Schools

Farms

Small Businesses

Homes