Top 5 Benefits of Transmission

Overview

- Transmission is the delivery of energy from its place of generation to its place of use.
- Transmission lines carry power from generating power plants to substations that alter the voltage and eventually into our homes and businesses.
- The combination of transmission lines, power plants, and substations is often referred to as the electric grid of the United States or "the grid."

1 **Transmission helps add renewable energy to the grid.**
The current transmission system was built near fossil fuel plants and transportation hubs. The expansion of transmission infrastructure will allow renewable energy power plants in rural areas to connect to the electric grid.

2 **Transmission reduces bottlenecks on the grid.**
Bottlenecks occur when there is more energy available than transmission lines can deliver. Transmission expansion will provide more avenues for the delivery of low-cost energy, reducing bottlenecks on the grid.

3 **Transmission improves reliability and resiliency of the grid.**
Transmission allows system operators to import and export power to meet changing demand and remain reliable. Transmission infrastructure upgrades will improve reliability to ensure our grid can withstand extreme weather.

4 **Transmission creates good-paying jobs for Americans.**
In the Midwest, the Tranche 1 Long Range Transmission Plan portfolio of 18 transmission lines alone is expected to create 333,000 jobs from transmission work as well as renewable resource construction and maintenance jobs.

5 **Transmission boosts the United States' economy.**
A study by WIRES identified $83 billion in approved transmission projects around the county. It was found that the construction phase alone would add $42 billion to the GDP and boost direct local spending by almost $39 billion.

Address
570 Asbury Street, Suite 201, St. Paul, MN 55104

Office
651.644.3400

Web
CleanGridAlliance.org