How Power Gets to You
Get to Know Your Grid

Transformers at substations convert power to lower voltages for distribution to homes and businesses.

The electricity grid is a complex system with one important job: to deliver safe, reliable electricity from power plants across New Brunswick to our customers' homes and businesses. It is one of the most impressive engineering feats of the past 100 years. Read on to learn more!

Transformers at generating stations convert the electricity to a higher voltage for transmission over long distances.

The System Operator (Energy Control Center) coordinates and balances electricity supply and demand to ensure reliable delivery of power to you.

New Brunswick has over 20,000 km of distribution lines.

New Brunswick has more than 6,800 km of transmission lines.

New Brunswick has 14 power plants, also known as generating stations. Electricity also comes from various privately owned renewable and natural gas powered facilities through power purchase agreements.

Some New Brunswickers already generate their own renewable power through NB Power’s Net Metering and Embedded Generation programs. These programs allow customers to generate their own power to offset their consumption while remaining connected to the distribution system. This ensures they can meet their electricity demands when their generation unit cannot.

Your Power

The future of energy is changing and so are we.

Learn how we are building tomorrow’s grid to power your life.

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