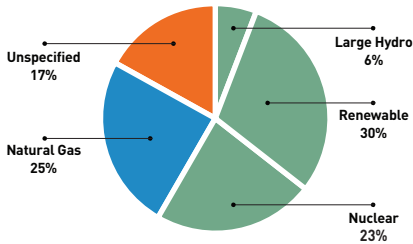




Electric Grid Overview

The flow of electricity

PG&E's electric grid is designed to deliver safe, reliable energy to customers throughout our service area.



Power Generation

Electricity is generated by a diverse mix of sources, including renewable, hydroelectric and nuclear. It flows from the power plant where it is generated onto the electric grid through a transmission substation.

Transmission Substations

Transmission substations convert electricity to high voltages, so it can be efficiently carried over long distances. They can also serve as the connection point between different transmission lines.

Transmission Lines

Transmission lines are connected to substations and move high-voltage electricity in bulk from power plants to distribution substations.



Homes and Businesses

Electricity is then used by the 16 million people we serve in California to power their homes and businesses. Customers with solar or renewable energy systems also put electricity back onto the local power grid. In fact, we have helped customers connect more solar systems to the local power grid than any other utility in the country.

Distribution Lines

Distribution lines carry electricity at lower voltages and deliver it to homes and businesses.

Distribution Substations

Distribution substations connect transmission lines to distribution lines. These substations lower the voltage of electricity, so it can be safely delivered to homes and businesses.

Learn more at pge.com/pasoroblesareapc or by calling 1-888-743-8570 or emailing pasoroblesareapc@pge.com.