

What's the difference between **capacity** and **energy**?

What is Capacity?

The U.S. Energy Information Administration (EIA) refers to capacity as the **maximum output of electricity that a generator can produce** under ideal conditions. Capacity levels are normally determined as a result of performance tests and allow utilities to project the maximum electricity load that a generator can support. Capacity is generally measured in megawatts (MW) or kilowatts (kW).

J.B. Sims Generating Station has a net capacity of approximately **70 MW**.

What is Energy?

Energy is the **amount of electricity that is produced and consumed over time**. Energy is measured in megawatt-hours (MWh). Each of us consumes or uses energy. When you turn on a light, plug in a computer or cool a home, you consume energy.

J.B. Sims Generating Station produced approximately **273,300 MWh** of energy in 2017.

Capacity Markets

GHBLP's local generation and remote renewable energy entitlements provide adequate installed capacity to meet the necessary reserve requirements of the regional Independent System Operator (ISO) and to sell a small amount of excess capacity to others in the regional market.

Future Power Supply Planning

In its 5-year Strategic Plan, the BLP has committed to transition to a "**more sustainable, economical, and diversified power supply portfolio,**" to ensure we meet the energy and capacity needs of our community.