



City General Service Medium Rate

What are you paying for?

APPLICABILITY:

This rate applies to electric service for all commercial and industrial customers which are located inside Bryan’s limits (subject to BTU’s Line Extension Policy) whose billed peak kilowatt (kW) demand is greater than or equal to 25 kW and less than 1,000 kW.

	<i>All Monthly Charges</i>
Availability Charge	\$37.00
Consumption Charge	\$0.0086/kWh
Power Cost Recovery Charge (PCRC)	\$0.0376/kWh
Transmission Cost Recovery Charge (TCRC)	\$5.5500/kW
Demand Charge	\$9.39/kW

AVAILABILITY CHARGE:

This charge is a fixed fee that helps cover the cost of providing essential services, regardless of how much electricity you use. It covers administrative and customer-related expenses such as:

- Costs for maintaining and operating the meters that track electricity usage.
- Administrative costs related to generating bills and handling customer inquiries.
- Expenses related to meeting safety, environmental, and legal requirements.

CONSUMPTION CHARGE:

These charges are typically referred to together as the “Base Charge”. This is the cost of infrastructure, maintenance, and delivery of power. This fee covers the costs of delivering the electricity from the power plant to the customer’s home or business.

POWER COST RECOVERY CHARGE:

This charge covers the cost of the fuel BTU uses to generate electricity or the cost to purchase electricity from other sources. It’s a variable charge, reflecting changes in economic conditions, and is passed directly one-for-one to customers. Calculated on a per kilowatt-hour (kWh) basis of usage, this charge may be adjusted based on market prices and other factors.

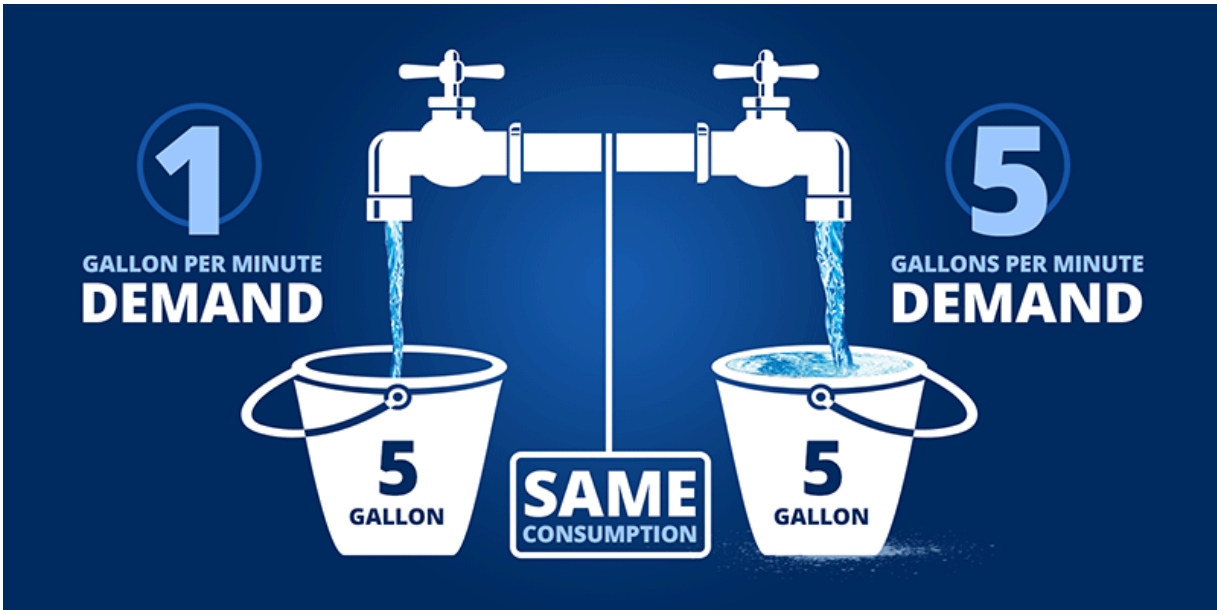
TRANSMISSION COST RECOVERY CHARGE:

This charge recovers BTU’s full cost of Transmission Cost of Service (TCOS) rates as established on an annual basis by the Public Utility Commission (PUC) of Texas. TCOS reflects the utility’s expenses for maintaining access to the regional transmission system where electricity travels over high-voltage power lines from generation sources to local distribution networks. All utilities in the Electric Reliability Council of Texas (ERCOT) system pay TCOS. It is a pass-through charge, that ensures reliable power delivery to all of BTU’s customers.

DEMAND CHARGE:




Demand, measured in kilowatts (kW) or megawatts (MW), refers to the maximum amount of electrical power that is being consumed *at a given time*. This contrasts with energy, which is the amount of power used *over a period of time*, measured in kilowatt-hours (kWh). Demand is measured every 15 minutes. A demand charge is a fee based on the highest amount of electricity a customer uses at once during a billing period. This fee is applied to commercial or large users as it covers the cost of maintaining infrastructure to meet peak demand. The charge reflects the customer's highest short-term power usage, not total energy consumption.




Demand and consumption can be explained similar to filling a bucket of water:



Kilowatt-Hour (kWh)

POWER × **TIME** = **ENERGY CONSUMPTION**

 ×  = 
100 Watts × 10 hour = 1,000 Watt-Hours or 1 kWh

 ×  = 
10 x 100 Watts × 1 hour = 1,000 Watt-Hours or 1 kWh
10 x more demand