

Electric System Rate Proposals

Item #140194

RUC

7/9/15



Streetlight & Rental Light Rate Design Template

Purpose:

1. Bring new lighting options to market with minimum lag time.
2. Develop streetlight and rental light rates quickly, effectively and consistently.
3. Obtain City Commission approval to utilize a standard Streetlight and Rental Light Rate construct to introduce new options to the market at any time in the fiscal year.

Streetlight & Rental Light Rate Design Template

Rate Components:

1. Materials (capital outlay)
2. Labor (engineering and construction)
3. Overheads (labor and materials)
4. Equipment Costs (bucket truck, etc.)
5. Maintenance (planned & unplanned)
6. Amortization Period (years)
7. Energy (monthly consumption & cost)

Streetlight & Rental Light Rate Design Template

Rate Construct:

1. Sum the costs associated with the light installation and develop a monthly cost based on the amortization period.
2. Sum all projected maintenance expenses for the amortization period and develop a levelized monthly cost.
3. Calculate the monthly energy cost based on current energy costs and equipment manufacturer data.
4. Sum the parts: the new rate is ready to implement.

Streetlight & Rental Light Rate Design Template



Light Fixture Rates				
Stock No:	12345		Proposed Light Type:	L87
Description:	LED 100 Equiv. Cutoff Street Light			
	Public	Public Agency	Rental	Rental Agency
Installation	\$ 19.83	\$ -	\$ 19.83	\$ -
Maintenance	\$ 0.26	\$ 0.26	\$ 0.26	\$ 0.26
Energy	\$ 1.31	\$ 1.31	\$ 1.31	\$ 1.31
Total Monthly Rate	\$ 21.40	\$ 1.57	\$ 21.40	\$ 1.57
Amount Paid Upfront by Customer	\$ -	\$ 1,241.05	\$ -	\$ 1,241.05

* All rates do not include fuel adjustment or applicable taxes or fees

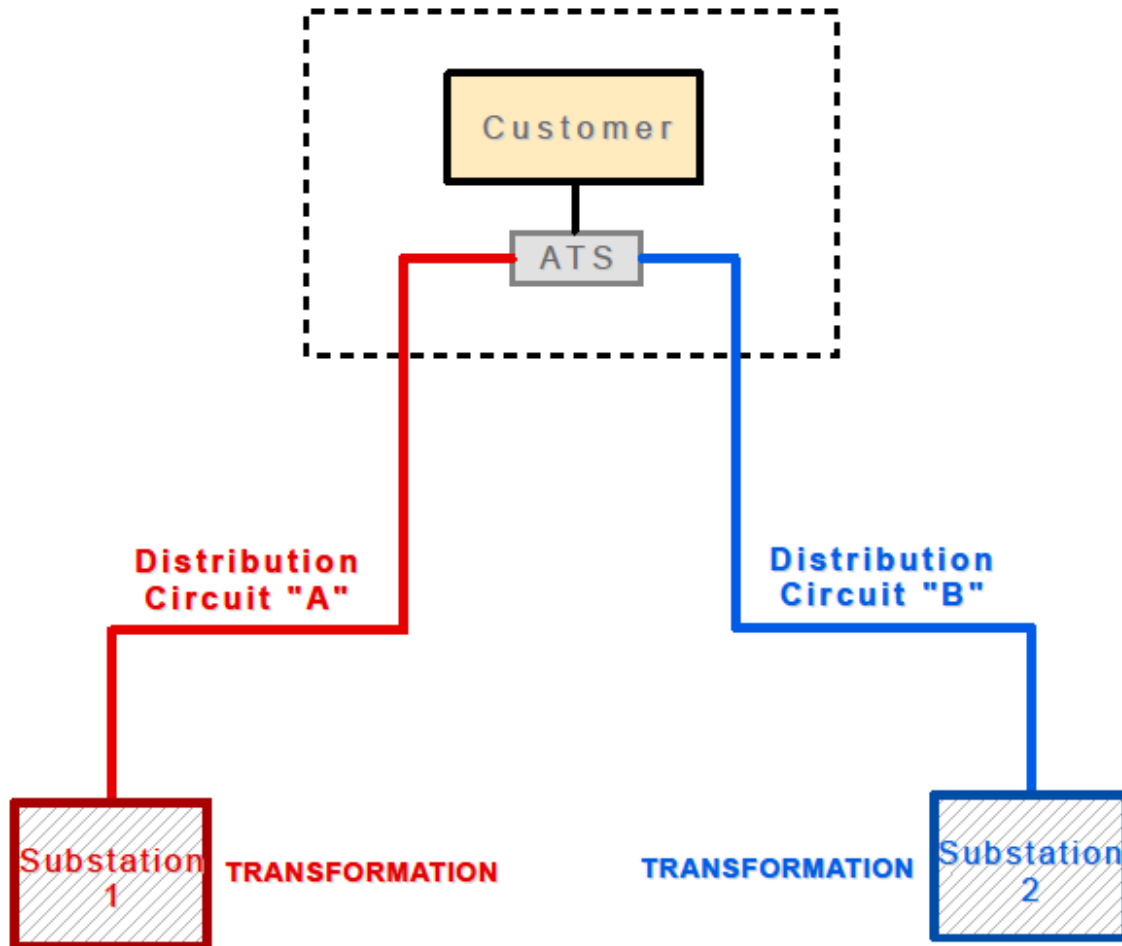
** Rates do not include any required underground civil infrastructure to be paid for by the customer

Dual Circuit Capacity Rate

Purpose:

1. Certain customers desire a heightened level of service reliability (approaching 99.999%).
2. Dual circuit service satisfies that desire.
3. Additional cost and operating constraint is imposed on the distribution to provide such service.
4. The costs resultant should be paid for by the customer that receives the benefit.

DUAL CIRCUIT CAPACITY RATE



Dual Circuit Capacity Rate

Components:

1. Distribution System
2. Transformation at Substation

Dual Circuit Capacity Rate

Proposal:

1. Distribution Capacity Charge: \$2.25/kW/Month
2. Transformation Capacity Charge: \$1.20/kW/Month
3. Five year term
4. Based on Peak Demand, rolling 12 months period

Standby Capacity Rate

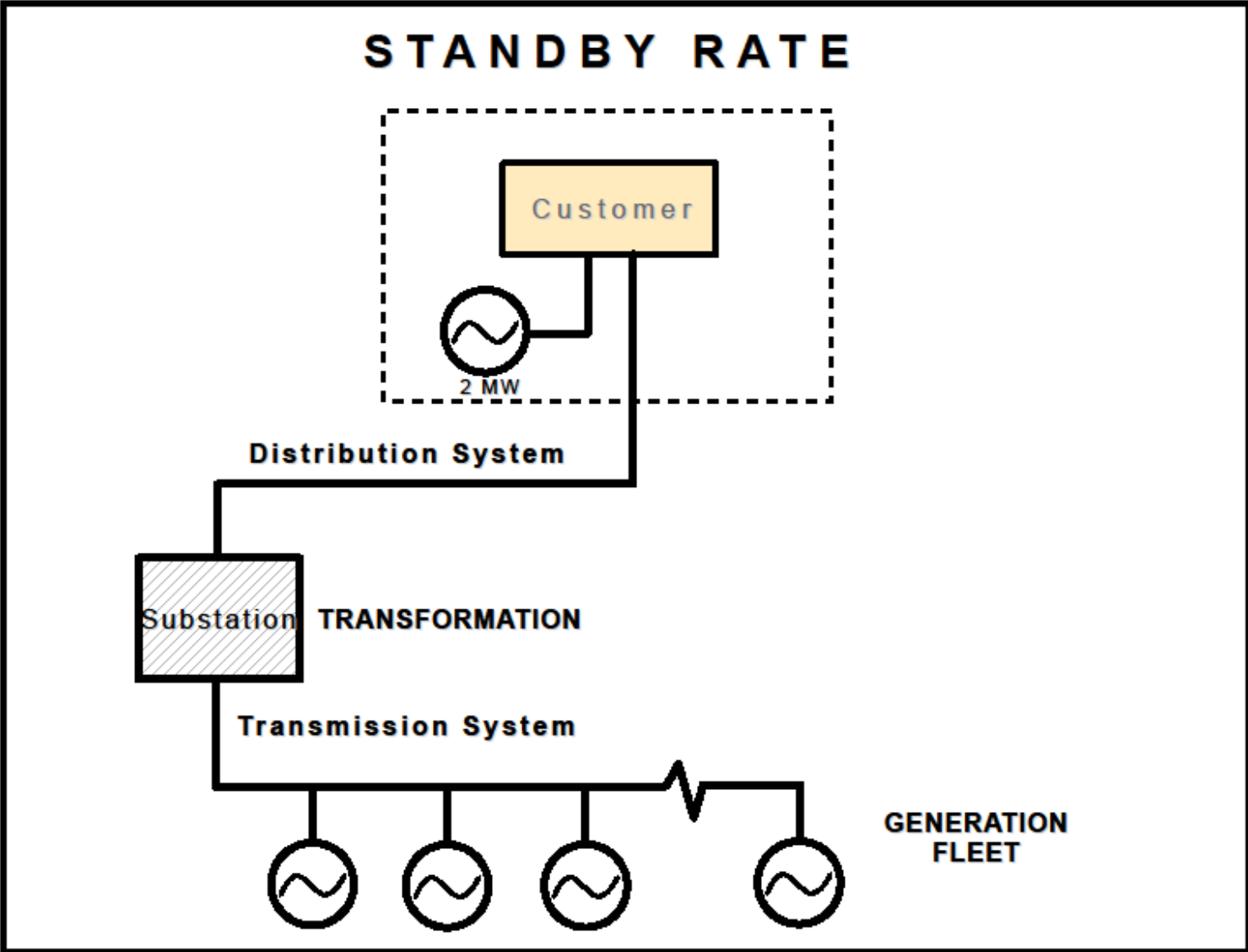
Purpose:

1. Certain customers desire a heightened level of service reliability (approaching 99.999%) or greater operational efficiencies.
2. On-site generation satisfies that desire.
3. Additional cost and operating constraint is imposed on the distribution to provide such service on an intermittent or “standby” mode.
4. The costs resultant should be paid for by the customer that receives the benefit.

Standby Capacity Rate

Components:

1. Distribution System
2. Transformation at Substation
3. Transmission System
4. Generation Fleet



Standby Capacity Rate

Proposal:

1. Distribution Capacity Charge: \$2.25/kW/Month
2. Transformation Capacity Charge: \$1.20/kW/Month
3. Transmission Capacity Charge: \$.XX/kW/Month
Generation Charge: \$.YY/kW/Month
4. Based on Contracted Demand
5. Five year term