

OTTER TAIL POWER COMPANY					
MONTHLY LIGHTING FACILITIES AND O&M EXPENSE PER FIXTURE					
		LEDDE17- Esplanade 30 ft post top 170W	LEDDG7- Granville 14 ft post top 70W	LEDDA7- Arlington 14 ft Post top 70W	Total cost per ft of installed conductor
(1)	Installed fixture cost (includes light and labor) (PROTECTED DATA BEGINS...				
(2)	With General Plant Loading				
(3)	Annual Economic Carrying Charge Related to Capital Investment				
(4)	A&G Loading (plant-related)				
(5)	Total Annual Carrying Charge (3) + (4)				
(6)	Annualized Costs of Light (2) x (5)				
(7)	Annual Lighting O&M Expenses				
(8)	With A&G Loading (non-plant related)				
(9)	Distribution Facilities Related Lighting Costs (6) + (8)				
	Working Capital				
(10)	Material and Supplies				
(11)	Prepayments				
(12)	Cash Working Capital Allowance				
(13)	Total Working Capital (10) + (11) + (12)				
(14)	Revenue Requirement for Working Capital				
(15)	Total Annual Marginal Distribution				
(16)	Lighting and O&M Costs (9) + (14)				
(17)	Annualized Feeder cost (OH Connection)				
(18)	Annualized Feeder cost (UG Connection)				
(19)	Total Annual Marginal Distribution Cost (OH)				
(20)	Total Annual Marginal Distribution Cost (UG)				
<u>Energy Costs Calculation per Fixture</u>					
(21)	kWh / month				
(22)	Average hourly energy cost (\$/kWh)				
(23)	Monthly Energy charge (\$/light)				
<u>Total Monthly Fixture Cost</u>					
(24)	Monthly Marginal Light and Feeder Costs per lighting fixture (UG)				
(25)	Monthly kWh charge (\$/fixture/mo.)				
(26)	Total Monthly Fixture Cost for UG connection (2021\$/ fixture/mo.)	\$110.56	\$86.03	\$87.71	\$0.11

...PROTECTED DATA ENDS]