

Commercial Advanced Lighting, 2024 CPCN/Tariff filing

Distribution System Benefits		Distribution System Costs	
Power Bill Declines	\$ 35,146,486	Revenue Declines	(\$48,458,650)
Rebates From EK	\$6,918,316	Administrative Costs	(\$362,928)
		Rebates Paid To Consumers	(\$2,835,375)
Total Benefits	\$42,064,802	Total Costs	(\$51,656,953)
Benefit / Cost Ratio: 0.81			

Participant Benefits		Participant Costs	
Electric Bill Declines	\$22,349,029	Up Front Investment	(\$15,607,284)
Rebates From Distribution System	\$ 1,765,530		
Reductions in O&M costs	\$0		
Tax Credits	\$0		
Total Benefits	\$24,114,559	Total Costs	(\$15,607,284)
Benefit / Cost Ratio: 1.55			

Total Resource Benefits		Total Resource Costs	
Avoided Energy Costs	\$16,026,306	Up Front Customer Investment	(\$22,558,246)
Avoided Gen Capacity Costs	\$9,006,210	Distribution System Admin. Costs	(\$362,928)
Avoided Transmission Expense	\$3,796,849	EK Administrative Costs	(\$122,748)
Reduced Customer O&M costs	\$0		
Tax Credits	\$0		
Total Benefits	\$28,829,365	Total Costs	(\$23,043,922)
Benefit / Cost Ratio: 1.25			

EK Benefits		EK Costs	
Avoided Energy Costs	\$16,026,306	Decrease In Revenue	(\$35,146,486)
Avoided Gen Capacity Costs	\$9,006,210	Rebates Paid	(\$6,918,316)
Avoided Transmission Expense	\$3,796,849	Administrative Costs	(\$122,748)
Total Benefits	\$28,829,365	Total Costs	(\$42,187,550)
Benefit / Cost Ratio: 0.68			

Utility Test Benefits		Utility Test Costs	
Avoided Energy Costs	\$16,026,306	Rebates Paid to Participants	(\$2,835,375)
Avoided Gen Capacity Costs	\$9,006,210	Utility Admin Costs	(\$485,676)
Avoided Transmission Expense	\$3,796,849		
Environmental Externalities	\$0		
Total Benefits	\$28,829,365	Total Costs	(\$3,321,052)
Benefit / Cost Ratio: 8.68			

Combined RIM:			
Total Benefits	\$28,829,365	Total Costs	(\$51,779,701)
Benefit / Cost Ratio: 0.56			