

Electric Vehicle Off-Peak Charging, 2024 CPCN

Distribution System Benefits		Distribution System Costs	
Power Bill Declines	\$ 3,459,960	Revenue Declines	\$5,785
Rebates From EK	\$3,496,164	Administrative Costs	\$0
		Rebates Paid To Consumers	(\$6,992,328)
Total Benefits	\$6,956,124	Total Costs	(\$6,986,542)
Benefit / Cost Ratio: 1.00			

Participant Benefits		Participant Costs	
Electric Bill Declines	(\$4,554)	Up Front Investment	\$0
Rebates From Distribution System	\$ 3,254,678		
Reductions in O&M costs	\$0		
Tax Credits	\$0		
Total Benefits	\$3,250,124	Total Costs	\$0
Benefit / Cost Ratio: #DIV/0!			

Total Resource Benefits		Total Resource Costs	
Avoided Energy Costs	\$3,970,455	Up Front Customer Investment	\$0
Avoided Gen Capacity Costs	\$2,924,983	Distribution System Admin. Costs	\$0
Avoided Transmission Expense	\$1,465,734	EK Administrative Costs	(\$5,394,081)
Reduced Customer O&M costs	\$0		
Tax Credits	\$0		
Total Benefits	\$8,361,172	Total Costs	(\$5,394,081)
Benefit / Cost Ratio: 1.55			

EK Benefits		EK Costs	
Avoided Energy Costs	\$3,970,455	Decrease In Revenue	(\$3,459,960)
Avoided Gen Capacity Costs	\$2,924,983	Rebates Paid	(\$3,496,164)
Avoided Transmission Expense	\$1,465,734	Administrative Costs	(\$5,394,081)
Total Benefits	\$8,361,172	Total Costs	(\$12,350,205)
Benefit / Cost Ratio: 0.68			

Utility Test Benefits		Utility Test Costs	
Avoided Energy Costs	\$3,970,455	Rebates Paid to Participants	(\$6,992,328)
Avoided Gen Capacity Costs	\$2,924,983	Utility Admin Costs	(\$5,394,081)
Avoided Transmission Expense	\$1,465,734		
Environmental Externalities	\$0		
Total Benefits	\$8,361,172	Total Costs	(\$12,386,409)
Benefit / Cost Ratio: 0.68			

Combined RIM:			
Total Benefits	\$8,361,172	Total Costs	(\$12,380,624)
Benefit / Cost Ratio: 0.68			