

High Efficiency HP: ENERGY STAR® , 2024 CPCN/Tariff filing

Distribution System Benefits		Distribution System Costs	
Power Bill Declines	\$ 9,908,684	Revenue Declines	(\$13,493,731)
Rebates From EK	\$9,080,108	Administrative Costs	(\$2,549,796)
		Rebates Paid To Consumers	(\$7,082,767)
Total Benefits	\$18,988,792	Total Costs	(\$23,126,295)
Benefit / Cost Ratio: 0.82			

Participant Benefits		Participant Costs	
Electric Bill Declines	\$6,079,437	Up Front Investment	(\$10,866,964)
Rebates From Distribution System	\$ 4,410,294		
Reductions in O&M costs	\$0		
Tax Credits	\$17,641,175		
Total Benefits	\$28,130,905	Total Costs	(\$10,866,964)
Benefit / Cost Ratio: 2.59			

Total Resource Benefits		Total Resource Costs	
Avoided Energy Costs	\$8,134,492	Up Front Customer Investment	(\$15,706,745)
Avoided Gen Capacity Costs	\$4,021,044	Distribution System Admin. Costs	(\$2,549,796)
Avoided Transmission Expense	\$1,273,733	EK Administrative Costs	(\$97,537)
Reduced Customer O&M costs	\$0		
Tax Credits	\$25,497,963		
Total Benefits	\$38,927,232	Total Costs	(\$18,354,078)
Benefit / Cost Ratio: 2.12			

EK Benefits		EK Costs	
Avoided Energy Costs	\$8,134,492	Decrease In Revenue	(\$9,908,684)
Avoided Gen Capacity Costs	\$4,021,044	Rebates Paid	(\$9,080,108)
Avoided Transmission Expense	\$1,273,733	Administrative Costs	(\$97,537)
Total Benefits	\$13,429,269	Total Costs	(\$19,086,329)
Benefit / Cost Ratio: 0.70			

Utility Test Benefits		Utility Test Costs	
Avoided Energy Costs	\$8,134,492	Rebates Paid to Participants	(\$7,082,767)
Avoided Gen Capacity Costs	\$4,021,044	Utility Admin Costs	(\$2,647,333)
Avoided Transmission Expense	\$1,273,733		
Environmental Externalities	\$0		
Total Benefits	\$13,429,269	Total Costs	(\$9,730,101)
Benefit / Cost Ratio: 1.38			

Combined RIM:			
Total Benefits	\$13,429,269	Total Costs	(\$23,223,831)
Benefit / Cost Ratio: 0.58			