

Heat Pump Retrofit, Mini-Split, 1 head, 2024 CPCN/Tariff filing

| Distribution System Benefits | | Distribution System Costs | |
|-----------------------------------|--------------------|---------------------------|----------------------|
| Power Bill Declines | \$ 1,058,558 | Revenue Declines | (\$1,501,165) |
| Rebates From EK | \$543,277 | Administrative Costs | (\$95,405) |
| | | Rebates Paid To Consumers | (\$265,013) |
| Total Benefits | \$1,601,835 | Total Costs | (\$1,861,583) |
| Benefit / Cost Ratio: 0.86 | | | |

| Participant Benefits | | Participant Costs | |
|------------------------------------|--------------------|---------------------|-------------------|
| Electric Bill Declines | \$631,047 | Up Front Investment | (\$76,548) |
| Rebates From Distribution System | \$ 170,867 | | |
| Reductions in O&M costs | \$0 | | |
| Tax Credits | \$227,936 | | |
| Total Benefits | \$1,029,849 | Total Costs | (\$76,548) |
| Benefit / Cost Ratio: 13.45 | | | |

| Total Resource Benefits | | Total Resource Costs | |
|-----------------------------------|--------------------|----------------------------------|--------------------|
| Avoided Energy Costs | \$666,893 | Up Front Customer Investment | (\$118,726) |
| Avoided Gen Capacity Costs | \$327,739 | Distribution System Admin. Costs | (\$95,405) |
| Avoided Transmission Expense | \$141,877 | EK Administrative Costs | (\$76,209) |
| Reduced Customer O&M costs | \$0 | | |
| Tax Credits | \$353,527 | | |
| Total Benefits | \$1,490,036 | Total Costs | (\$290,339) |
| Benefit / Cost Ratio: 5.13 | | | |

| EK Benefits | | EK Costs | |
|-----------------------------------|--------------------|----------------------|----------------------|
| Avoided Energy Costs | \$666,893 | Decrease In Revenue | (\$1,058,558) |
| Avoided Gen Capacity Costs | \$327,739 | Rebates Paid | (\$543,277) |
| Avoided Transmission Expense | \$141,877 | Administrative Costs | (\$76,209) |
| Total Benefits | \$1,136,508 | Total Costs | (\$1,678,044) |
| Benefit / Cost Ratio: 0.68 | | | |

| Utility Test Benefits | | Utility Test Costs | |
|-----------------------------------|--------------------|------------------------------|--------------------|
| Avoided Energy Costs | \$666,893 | Rebates Paid to Participants | (\$265,013) |
| Avoided Gen Capacity Costs | \$327,739 | Utility Admin Costs | (\$171,613) |
| Avoided Transmission Expense | \$141,877 | | |
| Environmental Externalities | \$0 | | |
| Total Benefits | \$1,136,508 | Total Costs | (\$436,626) |
| Benefit / Cost Ratio: 2.60 | | | |

| Combined RIM: | | | |
|-----------------------------------|--------------------|--------------------|----------------------|
| Total Benefits | \$1,136,508 | Total Costs | (\$1,937,791) |
| Benefit / Cost Ratio: 0.59 | | | |