

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2023**

		\$\$	KWH	
HELCO:				
11/29/22 - 12/28/22	Kukio Water Filtration	2,812.90	6,156	0.4569
12/03/22 - 01/04/23	Mamalahoa Hy #P296	188,337.54	444,600	0.4236
	(Less) Amounts Billed Back to			
12/03/22 - 01/04/23	Makalei	<u>(11,195.82)</u>	<u>(27,185)</u>	0.4118
	SUBTOTAL	<u>\$179,954.62</u>	<u>423,571</u>	0.4249
	GRAND TOTAL	<u><u>\$179,954.62</u></u>	<u><u>423,571</u></u>	0.4249

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$179,954.62
TOTAL KWH	<u>423,571</u>
UNIT PRICE FOR ELECTRICITY [\$/ kWh]	\$ 0.4249

KWSC WATER CALCULATIONS:

0.4249	UNIT PRICE FOR ELECTRICITY [\$/ kWh]
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

9.9042

POWER COST CHARGE PER TG

Formula used to calculate PCC

Electric Power Cost Per Thousand Gallons =

Previous Month's electrical cost per kwh x pump efficiency factor (kWh / 100 gallons) x 1.06385 (Public Service Company Tax and PUC Fee)

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2023**

11/29/22 - 12/28/22

HELCO:	Kukio #WWTP	\$ 11,868.83
	Kukio Sewage Pump #1	\$ 265.20
	Kukio Sewage Pump #3	\$ 905.97
	Kukio Sewage Pump #4	\$ 2,091.67
	Kukio Sewage Pump #5	\$ 408.26
	Maniniowali #WWP STA 6 T	\$ 373.98
	Maniniowali #WWP STA 7	\$ 305.42
	72250 Kukio Nui DR SP-LIFT2	\$ 87.41
	SUBTOTAL	\$ 16,306.74
	 GRAND TOTAL	 \$16,306.74

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$16,306.74
PREVIOUS MONTH TOTAL METERED TG	2,034
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 8.0171

KWSC SEWER CALCULATIONS:

8.0171	UNIT PRICE FOR METERED WATER SALES [\$ / TG]		
x			
1.06385	PSC/PUC fee	=	8.5290

Formula used to calculate PCC

POWER COST CHARGE PER TG

Electric Power Cost Per Thousand Gallons =

Previous Month's Electric Cost / Divided by Previous Month's Total Metered TG of

Water to the Company's Customers x 1.06385 (Public Service Company Tax and PUC Fee)