

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

		\$\$	KWH	
HELCO:				
3/01/23 - 3/29/23	Kukio Water Filtration	2,775.49	5,936	0.4676
3/07/23 - 4/04/23	Mamalahoa Hy #P296	167,841.28	392,400	0.4277
	(Less) Amounts Billed Back to			
3/07/23 - 4/04/23	Makalei	(11,195.82)	(27,185)	0.4118
	SUBTOTAL	\$159,420.95	371,151	0.4295
	GRAND TOTAL	\$159,420.95	371,151	0.4295

**POWER COST CALCULATIONS:**

TOTAL DOLLARS:	\$159,420.95
TOTAL KWH	371,151
UNIT PRICE FOR ELECTRICITY (\$ / kWh)	\$ 0.4295

**KWSC WATER CALCULATIONS:**

0.4295	UNIT PRICE FOR ELECTRICITY (\$ / kWh)
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

10.0133

**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: APRIL 2023**

3/01/23 - 3/29/23

HELCO:	Kukio #WWTP	\$	11,688.51
	Kukio Sewage Pump #1	\$	195.52
	Kukio Sewage Pump #3	\$	757.61
	Kukio Sewage Pump #4	\$	2,001.86
	Kukio Sewage Pump #5	\$	340.34
	Maniniowali #WWP STA 6 T	\$	334.77
	Maniniowali #WWP STA 7	\$	269.56
	72250 Kukio Nui DR SP-LIFT2	\$	78.63
	SUBTOTAL	\$	15,666.80
	GRAND TOTAL		\$15,666.80

**POWER COST CALCULATIONS:**

PREVIOUS MONTH TOTAL DOLLARS:		\$15,666.80
PREVIOUS MONTH TOTAL METERED TG		2,047
UNIT PRICE FOR METERED WATER SALES [\$/ TG]		\$ 7.6535

**KWSC SEWER CALCULATIONS:**

7.6535		UNIT PRICE FOR METERED WATER SALES [\$/ TG]	
x			
1.06385		PSC/PUC fee =	8.1422

**POWER COST CHARGE PER TG**

Formula used to calculate PCC

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)