

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: MAY 2022**

		\$\$	KWH	
HELCO:				
3/30/22 - 4/28/22	Kukio Water Filtration	3,351.14	7,487	0.4476
4/5/22 - 5/4/22	Mamalahoa Hy #P296	197,038.59	473,400	0.4162
	(Less) Amounts Billed Back to			
4/5/22 - 5/4/22	Makalei	(14,694.12)	(37,362)	0.3933
	SUBTOTAL	<u>\$185,695.61</u>	<u>443,525</u>	0.4187
	GRAND TOTAL	<u><u>\$185,695.61</u></u>	<u><u>443,525</u></u>	0.4187

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$185,695.61
TOTAL KWH	<u>443,525</u>
UNIT PRICE FOR ELECTRICITY [\$/ kWh]	\$ 0.4187

KWSC WATER CALCULATIONS:

0.4187	UNIT PRICE FOR ELECTRICITY [\$/ kWh]
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 9.7604

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: MAY 2022**

3/30/22 - 4/28/22

HELCO:	Kukio #WWTP	\$ 12,290.67
	Kukio Sewage Pump #1	\$ 242.90
	Kukio Sewage Pump #3	\$ 827.87
	Kukio Sewage Pump #4	\$ 1,367.11
	Kukio Sewage Pump #5	\$ 376.79
	Maniniowali #WWP STA 6 T	\$ 285.37
	Maniniowali #WWP STA 7	\$ 292.76
	72250 Kukio Nui DR SP-LIFT2	\$ 79.89
	SUBTOTAL	\$ 15,763.36
GRAND TOTAL		\$15,763.36

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$15,763.36
PREVIOUS MONTH TOTAL METERED TG	<u>2,274</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 6.9320

KWSC SEWER CALCULATIONS:

6.9320		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x		
1.06385	PSC/PUC fee =	7.3746

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)