

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

		\$\$	KWH	
HELCO:				
9/27/22 - 10/26/22	Kukio Water Filtration	3,534.78	7,619	0.4639
10/4/22 - 11/1/22	Mamalahoa Hy #P296	194,848.10	455,400	0.4279
	(Less) Amounts Billed Back to			
10/4/22 - 11/1/22	Makalei	<u>(20,191.33)</u>	<u>(48,083)</u>	0.4199
	SUBTOTAL	<u>\$178,191.55</u>	<u>414,936</u>	0.4294
	GRAND TOTAL	<u>\$178,191.55</u>	<u>414,936</u>	0.4294

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$178,191.55
TOTAL KWH	<u>414,936</u>
UNIT PRICE FOR ELECTRICITY (\$ / kWh)	\$ 0.4294

KWSC WATER CALCULATIONS:

0.4294	UNIT PRICE FOR ELECTRICITY (\$ / kWh)
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

10.0113

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: NOVEMBER 2022**

9/27/22 - 10/26/22

HELCO:	Kukio #WWTP	\$	13,049.51
	Kukio Sewage Pump #1	\$	233.87
	Kukio Sewage Pump #3	\$	932.68
	Kukio Sewage Pump #4	\$	1,747.61
	Kukio Sewage Pump #5	\$	369.51
	Maniniowali #WWP STA 6 T	\$	381.49
	Maniniowali #WWP STA 7	\$	310.08
	72250 Kukio Nui DR SP-LIFT2	\$	81.46
	SUBTOTAL	\$	17,106.21
	 GRAND TOTAL		 <u><u>\$17,106.21</u></u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$17,106.21
PREVIOUS MONTH TOTAL METERED TG	2,586
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	<u>\$ 6.6149</u>

KWSC SEWER CALCULATIONS:

6.6149		UNIT PRICE FOR METERED WATER SALES [\$/ TG]
x		
1.06385	PSC/PUC fee	= 7.0373

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)