

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

		\$\$	KWH	
HELCO:				
8/27/22 - 9/26/22	Kukio Water Filtration	3,634.61	7,690	0.4726
9/02/22 - 10/03/22	Mamalahoa Hy #P296	238,474.74	567,900	0.4199
	(Less) Amounts Billed Back to			
9/02/22 - 10/03/22	Makalei	<u>(17,447.04)</u>	<u>(38,030)</u>	0.4588
	SUBTOTAL	<u>\$224,662.31</u>	<u>537,560</u>	0.4179
	GRAND TOTAL	<u><u>\$224,662.31</u></u>	<u><u>537,560</u></u>	0.4179

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$224,662.31
TOTAL KWH	<u>537,560</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4179

KWSC WATER CALCULATIONS:

0.4179	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

9.7429

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: OCTOBER 2022**

8/27/22 - 9/26/22

HELCO:	Kukio #WWTP	\$	13,915.94
	Kukio Sewage Pump #1	\$	228.83
	Kukio Sewage Pump #3	\$	952.19
	Kukio Sewage Pump #4	\$	1,758.88
	Kukio Sewage Pump #5	\$	380.24
	Maniniowali #WWP STA 6 T	\$	374.86
	Maniniowali #WWP STA 7	\$	323.09
	72250 Kukio Nui DR SP-LIFT2	\$	81.31
	SUBTOTAL	\$	18,015.34
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	GRAND TOTAL		\$18,015.34
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POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:		\$18,015.34
PREVIOUS MONTH TOTAL METERED TG		2,420
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UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$	7.4444

KWSC SEWER CALCULATIONS:

	7.4444			UNIT PRICE FOR METERED WATER SALES [\$/ TG]
	x			
	1.06385		PSC/PUC fee =	7.9197

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)