

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

		\$\$	KWH	
HELCO:				
12/01/21-12/29/21	Kukio Water Filtration	2,554.75	6,446	0.3963
12/7/21-1/6/22	Mamalahoa Hy #P296	162,606.49	445,500	0.3650
	(Less) Amounts Billed Back to			
12/7/21-1/6/22	Makalei	<b>(14,760.07)</b>	<b>(43,333)</b>	0.3406
	SUBTOTAL	<u>\$150,401.17</u>	<u>408,613</u>	0.3681
	GRAND TOTAL	<u><u>\$150,401.17</u></u>	<u><u>408,613</u></u>	0.3681

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$150,401.17
TOTAL KWH	<u>408,613</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3681

KWSC WATER CALCULATIONS:

0.3681	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

**8.5807**

**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 2022**

12/01/21-12/29/21

HELCO:	Kukio #WWTP	\$	9,613.07
	Kukio Sewage Pump #1	\$	195.28
	Kukio Sewage Pump #3	\$	480.02
	Kukio Sewage Pump #4	\$	1,399.34
	Kukio Sewage Pump #5	\$	363.00
	Maniniowali #WWP STA 6 T	\$	253.18
	Maniniowali #WWP STA 7	\$	237.62
	72250 Kukio Nui DR SP-LIFT2	\$	83.86
	SUBTOTAL	\$	<u>12,625.37</u>
	GRAND TOTAL		<u><u>\$12,625.37</u></u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$12,625.37
PREVIOUS MONTH TOTAL METERED TG	<u>2,032</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 6.2133

**KWSC SEWER CALCULATIONS:**

6.2133		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385	PSC/PUC fee	=	<b>6.6100</b>

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)