

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

HELCO:		\$\$	KWH	
<b>09/28/23 - 10/27/23</b>	Kukio Water Filtration	3,119.25	7,429	0.4199
<b>10/04/23 - 11/02/23</b>	Mamalahoa Hy #P296	191,085.34	494,100	0.3867
	(Less) Amounts Billed Back to			
<b>10/04/23 - 11/02/23</b>	Makalei	<b>(13,329.08)</b>	<b>(36,629)</b>	0.3639
	SUBTOTAL	<u>\$180,875.51</u>	<u>464,900</u>	0.3891
	GRAND TOTAL	<u><u>\$180,875.51</u></u>	<u><u>464,900</u></u>	0.3891

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$180,875.51
TOTAL KWH	<u>464,900</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3891

**KWSC WATER CALCULATIONS:**

0.3891	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">9.0699</span>

**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 2023**

09/28/23 - 10/27/23

HELCO:		\$ 11,258.86
	Kukio #WWTP 72877 Poopoomino Dr	
	Kukio Sewage Pump #1	\$ 184.69
	Kukio Sewage Pump #3	\$ 730.45
	Kukio Sewage Pump #4	\$ 1,284.00
	Kukio Sewage Pump #5	\$ 322.77
	Maniniowali #WWP STA 6 T	\$ 301.48
	Maniniowali #WWP STA 7	\$ 244.15
	72250 Kukio Nui DR SP-LIFT2	\$ 83.08
	SUBTOTAL	\$ 14,409.48
	GRAND TOTAL	\$14,409.48

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$14,409.48
PREVIOUS MONTH TOTAL METERED TG	2,194
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 6.5677

**KWSC SEWER CALCULATIONS:**

6.5677		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385	PSC/PUC fee	=	<b>6.9870</b>

**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)