

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

		<u>    </u> \$\$	<u>    </u> KWH	
HELCO:				
10/27/22 - 11/28/22	Kukio Water Filtration	3,547.72	8,006	0.4431
11/2/22 - 12/2/22	Mamalahoa Hy #P296	207,563.86	504,000	0.4118
	(Less) Amounts Billed Back to			
11/2/22 - 12/2/22	Makalei	<u>(22,319.17)</u>	<u>(52,164)</u>	0.4279
	SUBTOTAL	<u>\$188,792.41</u>	<u>459,842</u>	0.4106
	GRAND TOTAL	<u>\$188,792.41</u>	<u>459,842</u>	0.4106

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$188,792.41
TOTAL KWH	<u>459,842</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4106

KWSC WATER CALCULATIONS:

0.4106	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

**9.5711**

**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: DECEMBER 2022**

10/27/22 - 11/28/22

HELCO:	Kukio #WWTP	\$ 13,364.46
	Kukio Sewage Pump #1	\$ 301.27
	Kukio Sewage Pump #3	\$ 1,040.30
	Kukio Sewage Pump #4	\$ 1,963.22
	Kukio Sewage Pump #5	\$ 409.01
	Maniniowali #WWP STA 6 T	\$ 354.22
	Maniniowali #WWP STA 7	\$ 296.18
	72250 Kukio Nui DR SP-LIFT2	\$ 81.62
	<b>SUBTOTAL</b>	<b>\$ 17,810.28</b>
	 <b>GRAND TOTAL</b>	 <b>\$17,810.28</b>

**POWER COST CALCULATIONS:**

PREVIOUS MONTH TOTAL DOLLARS:	\$17,810.28
PREVIOUS MONTH TOTAL METERED TG	2,101
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 8.4770

**KWSC SEWER CALCULATIONS:**

8.4770	UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x		
1.06385	PSC/PUC fee =	<b>9.0183</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)