

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: OCTOBER 2021**

		\$\$	KWH	
HELCO:				
08/31/21 - 09/29/21	Kukio Water Filtration	2,782.92	7,568	0.3677
09/04/21 - 10/05/21	Mamalahoa Hy #P296	175,169.95	535,500	0.3271
	(Less) Amounts Billed Back to			
09/04/21 - 10/05/21	Makalei	(10,746.58)	(31,821)	0.3377
	SUBTOTAL	\$167,206.29	511,247	0.3271
	GRAND TOTAL	\$167,206.29	511,247	0.3271

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$167,206.29
TOTAL KWH	511,247
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3271

KWSC WATER CALCULATIONS:

0.3271	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
21.9131	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

7.6244

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 2021**

08/31/21 - 09/29/21

HELCO:	Kukio #WWTP	\$	9,520.57
	Kukio Sewage Pump #1	\$	171.53
	Kukio Sewage Pump #3	\$	624.60
	Kukio Sewage Pump #4	\$	1,011.98
	Kukio Sewage Pump #5	\$	250.49
	Maniniowali #WWP STA 6 T	\$	251.25
	Maniniowali #WWP STA 7	\$	216.40
	72250 Kukio Nui DR SP-LIFT2	\$	75.71
	SUBTOTAL	\$	<u>12,122.53</u>
	GRAND TOTAL		<u><u>\$12,122.53</u></u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$12,122.53
PREVIOUS MONTH TOTAL METERED TG	<u>2,000</u>
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 6.0625

KWSC SEWER CALCULATIONS:

6.0625		UNIT PRICE FOR METERED WATER SALES [\$/ TG]
x		
1.06385	PSC/PUC fee	= 6.4496

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)