

**KONA WATER SERVICE COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: APRIL 2018**

		\$\$	KWH	
HELCO:				
3/02/18 to 4/02/18	Kukio Water Filtration	2,420.21	6,850	0.3533
2/06/18 to 3/07/18	Mamalahoa Hy #P296	108,064.58	333,900	0.3236
	(Less) Amounts Billed Back to			
2/06/18 to 3/07/18	Makalei	(6,475.77)	(20,009)	0.3236
	SUBTOTAL	\$104,009.02	320,741	0.3243
	GRAND TOTAL	\$104,009.02	320,741	0.3243

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$104,009.02
TOTAL KWH	320,741
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3243

**KWSC WATER CALCULATIONS:**

0.3243		UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x		
18.7100		Pump Efficiency Factor [kWh / TG]
x		
1.06385		PSC/PUC fee = <span style="background-color: yellow; border: 1px solid black; padding: 2px;">6.4546</span>
		<b>POWER COST CHARGE PER TG</b>

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)

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**3/02/18 to 4/02/18**

HELCO:	Kukio #WWTP	\$ 8,615.18
	Kukio Sewage Pump #1	\$ 179.41
	Kukio Sewage Pump #3	\$ 665.25
	Kukio Sewage Pump #4	\$ 942.35
	Kukio Sewage Pump #5	\$ 343.10
	Maniniowali #WWP STA 6 T	\$ 188.77
	Maniniowali #WWP STA 7	\$ 522.24
	72250 Kukio Nui DR#SP	
	LIFT2**T	\$ 75.76
	SUBTOTAL	<u>\$ 11,532.06</u>
	GRAND TOTAL	<u><u>\$11,532.06</u></u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$11,532.06
PREVIOUS MONTH TOTAL METERED TG	<u>1,740</u>
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 6.6276

**KWSC SEWER CALCULATIONS:**

6.6276		UNIT PRICE FOR METERED WATER SALES
x		[\$/ TG]
1.06385		PSC/PUC fee =

**7.0508**  
**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)