

**KONA WATER SERVICE COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: APRIL 2017**

		\$\$	KWH	
HELCO:				
<b>3/2/17 to 3/30/17</b>	Kukio Water Filtration	2,296.44	7,450	0.3082
<b>2/7/17 to 3/7/17</b>	Mamalahoa Hy #P296	119,201.59	437,400	0.2725
	(Less) Amounts Billed Back to			
<b>2/7/17 to 3/7/18</b>	Makalei	(5,433.76)	(19,939)	0.2725
	SUBTOTAL	\$116,064.27	424,911	0.2731
	GRAND TOTAL	\$116,064.27	424,911	0.2731

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$116,064.27
TOTAL KWH	424,911
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2731

**KWSC WATER CALCULATIONS:**

0.2731	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
18.7100	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">5.4369</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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**3/2/17 to 3/30/17**

HELCO:	Kukio #WWTP	\$ 8,854.39
	Kukio Sewage Pump #1	\$ 145.08
	Kukio Sewage Pump #3	\$ 521.43
	Kukio Sewage Pump #4	\$ 731.59
	Kukio Sewage Pump #5	\$ 257.65
	Maniniowali #WWP STA 6 T	\$ 159.40
	Maniniowali #WWP STA 7	\$ 459.78
	72250 Kukio Nui DR#SP LIFT2**T	<u>\$ 67.48</u>
	SUBTOTAL	<u>\$ 11,196.80</u>
	GRAND TOTAL	<u><u>\$11,196.80</u></u>

**POWER COST CALCULATIONS:**

PREVIOUS MONTH TOTAL DOLLARS:	\$11,196.80
PREVIOUS MONTH TOTAL METERED TG	<u>1,726</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 6.4871

**KWSC SEWER CALCULATIONS:**

6.4871	X	1.06385	=	6.9013
				PSC/PUC fee
				UNIT PRICE FOR METERED WATER SALES [\$ / TG]

**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)