

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

		\$\$	KWH	
HELCO:				
6/30/18 to 7/31/18	Kukio Water Filtration	2,965.76	8,352	0.3551
6/07/18 to 7/06/18	Mamalahoa Hy #P296	133,920.27	428,400	0.3126
	(Less) Amounts Billed Back to			
6/07/18 to 7/06/18	Makalei	(5,613.19)	(17,956)	0.3126
	SUBTOTAL	\$131,272.84	418,796	0.3135
	GRAND TOTAL	\$131,272.84	418,796	0.3135

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$131,272.84
TOTAL KWH	418,796
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3135

**KWSC WATER CALCULATIONS:**

0.3135		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;">6.2392</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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POWER COST CHARGE CALCULATION  
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**6/30/18 to 7/31/18**

HELCO:	Kukio #WWTP	\$ 9,381.63
	Kukio Sewage Pump #1	\$ 183.50
	Kukio Sewage Pump #3	\$ 657.65
	Kukio Sewage Pump #4	\$ 920.79
	Kukio Sewage Pump #5	\$ 332.03
	Maniniowali #WWP STA 6 T	\$ 184.27
	Maniniowali #WWP STA 7	\$ 490.82
	72250 Kukio Nui DR#SP	
	LIFT2**T	\$ 73.16
	SUBTOTAL	<u>\$ 12,223.85</u>
	GRAND TOTAL	<u><u>\$12,223.85</u></u>

POWER COST CALCULATIONS:	
PREVIOUS MONTH TOTAL DOLLARS:	\$12,223.85
PREVIOUS MONTH TOTAL METERED TG	<u>1,911</u>
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 6.3966

**KWSC SEWER CALCULATIONS:**

6.3966	UNIT PRICE FOR METERED WATER SALES
x	[\$/ TG]
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">6.8050</span>

**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)