

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

	\$\$	KWH	
HELCO:			
<b>8/1/17 to 8/30/17</b> Kukio Water Filtration	2,468.62	8,501	0.2904
<b>7/7/17 to 8/4/17</b> Mamalahoa Hy #P296	115,326.57	432,900	0.2664
(Less) Amounts Billed Back to			
<b>7/7/17 to 8/4/17</b> Makalei	(5,019.29)	(18,841)	0.2664
SUBTOTAL	\$112,775.90	422,560	0.2669
GRAND TOTAL	\$112,775.90	422,560	0.2669

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$112,775.90
TOTAL KWH	422,560
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2669

**KWSC WATER CALCULATIONS:**

0.2669	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;">5.3123</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)

**POWER COST CHARGE CALCULATION**  
**EFFECTIVE: SEPTEMBER 2017**

		\$\$
<b>8/1/17 to 8/30/17</b>		
HELCO:		
	Kukio #WWTP	\$ 8,499.97
	Kukio Sewage Pump #1	\$ 188.18
	Kukio Sewage Pump #3	\$ 549.32
	Kukio Sewage Pump #4	\$ 798.84
	Kukio Sewage Pump #5	\$ 287.62
	Maniniowali #WWP STA 6 T	\$ 162.20
	Maniniowali #WWP STA 7	\$ 458.14
	72250 Kukio Nui DR#SP	
	LIFT2**T	\$ 68.24
	SUBTOTAL	\$ 11,012.51
	GRAND TOTAL	\$11,012.51

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$11,012.51
PREVIOUS MONTH TOTAL METERED TG	1,929
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 5.7089

<b>KWSC SEWER CALCULATIONS:</b>				UNIT PRICE FOR METERED WATER SALES [\$ / TG]
	5.7089			
	x			
	1.06385		PSC/PUC fee	= <span style="background-color: yellow; border: 1px solid black; padding: 2px;">6.0734</span>
				<b>POWER COST CHARGE PER TG</b>

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)