

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

	\$\$	KWH	
HELCO:			
<u>1/4/17 to 1/31/17</u> Kukio Water Filtration	2,067.29	6,750	0.3063
<u>12/8/16 to 1/7/17</u> Mamalahoa Hy #P296	111,455.13	406,800	0.2740
<u>12/8/16 to 1/7/17</u> (Less) Amounts Billed Back to Makalei	(5,530.76)	(20,187)	0.2740
SUBTOTAL	\$107,991.66	393,363	0.2745
GRAND TOTAL	\$107,991.66	393,363	0.2745

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$107,991.66
TOTAL KWH	393,363
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2745

KWSC WATER CALCULATIONS:

0.2745	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
18.7100	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 5.4645
	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: FEBRUARY 2017**

		<u>\$\$</u>
<u>1/4/17 to 1/31/17</u>		
HELCO:	Kukio #WWTP	\$ 7,481.36
	Kukio Sewage Pump #1	\$ 174.94
	Kukio Sewage Pump #3	\$ 442.12
	Kukio Sewage Pump #4	\$ 741.95
	Kukio Sewage Pump #5	\$ 247.65
	Maniniowali #WWP STA 6 T	\$ 155.00
	Maniniowali #WWP STA 7	\$ 454.22
	72250 Kukio Nui DR#SP LIFT2**T	\$ 67.90
	SUBTOTAL	<u>\$ 9,765.14</u>
	GRAND TOTAL	<u><u>\$9,765.14</u></u>

POWER COST CALCULATIONS:	
PREVIOUS MONTH TOTAL DOLLARS:	\$9,765.14
PREVIOUS MONTH TOTAL METERED TG	<u>1,842</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 5.3014

KWSC SEWER CALCULATIONS:

				UNIT PRICE FOR METERED WATER SALES [\$ / TG]
5.3014				
x				
1.06385		PSC/PUC fee	=	5.6399

**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)