

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: SEPTEMBER 2016**

	\$\$	KWH	
HELCO:			
7/1/16 to 8/1/16 Kukio Water Filtration	2,569.35	8,831	0.2909
7/8/16 to 8/5/16 Mamalahoa Hy #P296	120,390.44	473,400	0.2543
(Less) Amounts Billed Back to			
6/7/16 to 7/7/16 Makalei	(6,465.99)	(25,426)	0.2543
SUBTOTAL	\$116,493.80	456,805	0.2550
GRAND TOTAL	\$116,493.80	456,805	0.2550

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$116,493.80
TOTAL KWH	456,805
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2550

KWSC WATER CALCULATIONS:

0.2550	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
18.7100	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 5.0761
	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: SEPTEMBER 2016

8/2/16 to 8/30/16

		<u>\$\$</u>
HELCO:	Kukio #WWTP	\$ 8,326.39
	Kukio Sewage Pump #1	\$ 169.24
	Kukio Sewage Pump #3	\$ 516.04
	Kukio Sewage Pump #4	\$ 1,016.22
	Kukio Sewage Pump #5	\$ 282.47
	Maniniowali #WWP STA 6 T	\$ 145.25
	Maniniowali #WWP STA 7	\$ 451.55
	72250 Kukio Nui DR#SP	
	LIFT2**T	\$ 68.90
	SUBTOTAL	<u>\$ 10,976.06</u>
	GRAND TOTAL	<u><u>\$10,976.06</u></u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$10,976.06
PREVIOUS MONTH TOTAL METERED TG	2,022
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 5.4283</u>

KWSC SEWER CALCULATIONS:

5.4283
 X
 1.06385

UNIT PRICE FOR METERED WATER SALES
 [\$ / TG]

PSC/PUC fee = 5.7749

**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)