

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2021**

		\$\$	KWH	
HELCO:				
12/02/20-12/30/20	Kukio Water Filtration	2,108.32	6,711	0.3142
12/08/20-1/06/21	Mamalahoa Hy #P296	124,099.99	424,800	0.2921
	(Less) Amounts Billed Back to			
12/08/20-1/06/21	Makalei	(8,797.21)	(30,627)	0.2872
	SUBTOTAL	\$117,411.10	400,884	0.2929
	GRAND TOTAL	\$117,411.10	400,884	0.2929

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$117,411.10
TOTAL KWH	400,884
UNIT PRICE FOR ELECTRICITY (\$ / kWh)	\$ 0.2929

KWSC WATER CALCULATIONS:

0.2929	UNIT PRICE FOR ELECTRICITY (\$ / kWh)
x	
18.7100	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

5.8297

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
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12/02/20-12/30/20

HELCO:	Kukio #WWTP	\$	7,751.67
	Kukio Sewage Pump #1	\$	180.52
	Kukio Sewage Pump #3	\$	586.76
	Kukio Sewage Pump #4	\$	1,190.54
	Kukio Sewage Pump #5	\$	338.05
	Maniniowali #WWP STA 6 T	\$	224.02
	Maniniowali #WWP STA 7	\$	228.54
	72250 Kukio Nui DR#SP LIFT2**T	\$	74.30
	SUBTOTAL	\$	10,574.40

GRAND TOTAL \$10,574.40

7.4589 PCC already billed Dec 2020
6.7534 Revised
.7055 adjustment on January 2021

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$10,574.40
PREVIOUS MONTH TOTAL METERED TG	1,924
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	<u>\$ 5.4960</u>

KWSC SEWER CALCULATIONS:

5.4960
x
1.06385

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

PSC/PUC fee =
Dec 2020 Adjustment
Revised Jan 2021

5.8470
-0.7055
5.1415

Formula used to calculate PCC

POWER COST CHARGE PER TG