

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: MARCH 2023**

		\$\$	KWH	
HELCO:				
01/28/23 - 02/28/23	Kukio Water Filtration	2,849.72	6,257	0.4554
02/03/23 - 03/06/23	Mamalahoa Hy #P296	168,836.57	398,700	0.4235
	(Less) Amounts Billed Back to			
02/03/23 - 03/06/23	Makalei	(11,195.82)	(27,185)	0.4118
	SUBTOTAL	\$160,490.47	377,772	0.4248
	GRAND TOTAL	\$160,490.47	377,772	0.4248

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$160,490.47
TOTAL KWH	377,772
UNIT PRICE FOR ELECTRICITY (\$ / kWh)	\$ 0.4248

KWSC WATER CALCULATIONS:

0.4248	UNIT PRICE FOR ELECTRICITY (\$ / kWh)
x	
21.9131	Pump Efficiency Factor (kWh / TG)
x	
1.06385	PSC/PUC fee = 9.9038

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)

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3/13/23
DATE

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3/15/23
DATE

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ROBERT STOUT

3/13/23
DATE

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: MARCH 2023**

01/28/23 - 02/28/23

HELCO:	Kukio #WWTP	\$	11,943.54
	Kukio Sewage Pump #1	\$	245.64
	Kukio Sewage Pump #3	\$	846.28
	Kukio Sewage Pump #4	\$	1,966.62
	Kukio Sewage Pump #5	\$	388.72
	Maniniowali #WWP STA 6 T	\$	404.24
	Maniniowali #WWP STA 7	\$	305.50
	72250 Kukio Nui DR SP-LIFT2	\$	80.15
	SUBTOTAL	\$	<u>16,180.69</u>
	GRAND TOTAL		<u><u>\$16,180.69</u></u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$16,180.69
PREVIOUS MONTH TOTAL METERED TG	<u>2,089</u>
UNIT PRICE FOR METERED WATER SALES [\$/TG]	\$ 7.7457

KWSC SEWER CALCULATIONS:

7.7457		UNIT PRICE FOR METERED WATER SALES [\$/TG]	
x			
1.06385		PSC/PUC fee =	8.2402

Formula used to calculate PCC

POWER COST CHARGE PER TG

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)