

**WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: APRIL 2024**

02/09/24 - 03/11/24

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	120,326.97	322400	0.3732	
	WAIK WTR WELL #1 PH 1	291.44	553	0.5270	
	WAIK DEEP WELL #2 PUMP (DW-2)	38,057.82	97,500	0.3903	
	WAIK WELL SITE #2/PH 1	165.34	276	0.5991	
	WAIK DEEP WELL #3 PUMP (DW-3)	46,538.71	120,300	0.3869	
	WAIK WELL SITE #3/PH 1 P7X	56.12	28	2.0043	
	WAIK DEEP WELL #4 PUMP (DW-4)	5,500.38	800	6.8755	Per Sgreen low KWH ok due to DW-5 in op
	WAIK DEEP WELL #5 PUMP (DW-5)	64,695.75	168,800	0.3833	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	371.54	729	0.5097	
	WAIK DEEP WELL #7 PUMP (DW-7)	29,807.32	54,000	0.5520	
	WAIK WELL SITE #7/PH 1	187.19	324	0.5777	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,514.99	3241	0.4674	
	WAIK WELL #8 CNTRL BLDG/PH 3	95,021.06	256200	0.3709	
ENERGY RESOURCES - WIND				-	
	SUBTOTAL	<u>402,534.63</u>	<u>1,025,151</u>	0.3927	
ENERGY RESOURCES - WIND					
	GRAND TOTAL	<u>\$402,534.63</u>	<u>1,025,151</u>	0.3927	

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$402,534.63
TOTAL KWH	<u>1,025,151</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ <u>0.3927</u>

WHWC CALCULATIONS:

0.3927	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.3518 POWER COST CHARGE PER TG (WHWC)

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)