

**WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: AUGUST 2022**

6/11/22 - 7/12/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	130,975.42	292800	0.4473
	WAIK WTR WELL #1 PH 1	327.98	561	0.5846
	WAIK DEEP WELL #2 PUMP (DW-2)	29,900.93	64,500	0.4636
	WAIK WELL SITE #2/PH 1	191.77	299	0.6414
	WAIK DEEP WELL #3 PUMP (DW-3)	4,012.86	5,700	0.7040
	WAIK WELL SITE #3/PH 1 P7X	51.33	24	2.1388
	WAIK DEEP WELL #4 PUMP (DW-4)	10,689.82	21,600	0.4949
	WAIK DEEP WELL #5 PUMP (DW-5)	76,061.51	168,600	0.4511
	WAIK DEEP WELL #6 PUMP (DW-6)	94,168.17	207,900	0.4529
	WAIK WELL SITE #6/AUXILIARY	254.13	419	0.6065
	WAIK DEEP WELL #7 PUMP (DW-7)	31,754.03	51,000	0.6226
	WAIK WELL SITE #7/PH 1	240.65	393	0.6123
	WAIK WELL #8 CNTRL BLDG/PH 1	614.40	1112	0.5525
	WAIK WELL #8 CNTRL BLDG/PH 3	116,046.24	262800	0.4416
ENERGY RESOURCES - WIND				-
	SUBTOTAL	<u>495,289.24</u>	<u>1,077,708</u>	0.4596
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$495,289.24</u>	<u>1,077,708</u>	0.4596

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$495,289.24
TOTAL KWH	<u>1,077,708</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4596

WHWC CALCULATIONS:

0.4596	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.7526 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)