

**WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: MAY 2023**

3/14/23 - 4/12/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	116,125.20	300000	0.3871
	WAIK WTR WELL #1 PH 1	277.65	525	0.5289
	WAIK DEEP WELL #2 PUMP (DW-2)	14,041.75	33,300	0.4217
	WAIK WELL SITE #2/PH 1	146.19	239	0.6117
	WAIK DEEP WELL #3 PUMP (DW-3)	4,012.86	4,200	0.9554
	WAIK WELL SITE #3/PH 1 P7X	51.33	22	2.3332
	WAIK DEEP WELL #4 PUMP (DW-4)	4,939.34	10,000	0.4939
	WAIK DEEP WELL #5 PUMP (DW-5)	3,972.26	400	9.9307
	WAIK DEEP WELL #6 PUMP (DW-6)	74,346.45	186,300	0.3991
	WAIK WELL SITE #6/AUXILIARY	250.53	466	0.5376
	WAIK DEEP WELL #7 PUMP (DW-7)	55,058.97	127,800	0.4308
	WAIK WELL SITE #7/PH 1	181.59	316	0.5747
	WAIK WELL #8 CNTRL BLDG/PH 1	127.35	198	0.6432
	WAIK WELL #8 CNTRL BLDG/PH 3	93,814.66	243900	0.3846
ENERGY RESOURCES - WIND				-
	SUBTOTAL	<u>367,346.13</u>	<u>907,666</u>	0.4047
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$367,346.13</u>	<u>907,666</u>	0.4047

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$367,346.13
TOTAL KWH	<u>907,666</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ <u>0.4047</u>

WHWC CALCULATIONS:

0.4047	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.4240 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)