

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

5/12/23 - 6/10/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	106,944.47	296800	0.3603
	WAIK WTR WELL #1 PH 1	258.55	507	0.5100
	WAIK DEEP WELL #2 PUMP (DW-2)	56,197.01	152,700	0.3680
	WAIK WELL SITE #2/PH 1	142.44	241	0.5910
	WAIK DEEP WELL #3 PUMP (DW-3)	32,606.90	87,600	0.3722
	WAIK WELL SITE #3/PH 1 P7X	52.63	26	2.0242
	WAIK DEEP WELL #4 PUMP (DW-4)	40,449.87	108,000	0.3745
	WAIK DEEP WELL #5 PUMP (DW-5)	4,073.16	200	20.3658
	WAIK DEEP WELL #6 PUMP (DW-6)	10,235.77	0	-
	WAIK WELL SITE #6/AUXILIARY	250.24	488	0.5128
	WAIK DEEP WELL #7 PUMP (DW-7)	26,501.70	47,700	0.5556
	WAIK WELL SITE #7/PH 1	172.56	310	0.5566
	WAIK WELL #8 CNTRL BLDG/PH 1	291.29	582	0.5005
	WAIK WELL #8 CNTRL BLDG/PH 3	86,731.57	242700	0.3574
ENERGY RESOURCES - WIND				-
	SUBTOTAL	<u>364,908.16</u>	<u>937,854</u>	0.3891
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$364,908.16</u>	<u>937,854</u>	0.3891

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$364,908.16
TOTAL KWH	<u>937,854</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ <u>0.3891</u>

WHWC CALCULATIONS:

0.3891	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.3304 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)