

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

**1/12/23 - 2/09/23**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	111,013.36	290400	0.3823
	WAIK WTR WELL #1 PH 1	260.39	495	0.5260
	WAIK DEEP WELL #2 PUMP (DW-2)	7,467.72	16,500	0.4526
	WAIK WELL SITE #2/PH 1	139.99	229	0.6113
	WAIK DEEP WELL #3 PUMP (DW-3)	4,012.86	4,800	0.8360
	WAIK WELL SITE #3/PH 1 P7X	57.61	47	1.2257
	WAIK DEEP WELL #4 PUMP (DW-4)	6,781.65	12,000	0.5651
	WAIK DEEP WELL #5 PUMP (DW-5)	3,972.26	200	19.8613
	WAIK DEEP WELL #6 PUMP (DW-6)	56,234.55	136,500	0.4120
	WAIK WELL SITE #6/AUXILIARY	271.26	519	0.5227
	WAIK DEEP WELL #7 PUMP (DW-7)	58,824.62	141,300	0.4163
	WAIK WELL SITE #7/PH 1	197.92	357	0.5544
	WAIK WELL #8 CNTRL BLDG/PH 1	116.90	178	0.6567
	WAIK WELL #8 CNTRL BLDG/PH 3	88,137.41	231600	0.3806
ENERGY RESOURCES - WIND				-
	<b>SUBTOTAL</b>	<b>337,488.50</b>	<b>835,125</b>	<b>0.4041</b>
ENERGY RESOURCES - WIND				
	<b>GRAND TOTAL</b>	<b>\$337,488.50</b>	<b>835,125</b>	<b>0.4041</b>

**POWER COST CALCULATIONS:**

TOTAL DOLLARS:	\$337,488.50
TOTAL KWH	835,125
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4041

**WHWC CALCULATIONS:**

0.4041	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <b>2.4205</b> 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)