

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

**12/13/22 - 01/11/23**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	115,255.87	300800	0.3832
	WAIK WTR WELL #1 PH 1	280.37	537	0.5221
	WAIK DEEP WELL #2 PUMP (DW-2)	8,865.94	20,100	0.4411
	WAIK WELL SITE #2/PH 1	146.76	243	0.6040
	WAIK DEEP WELL #3 PUMP (DW-3)	4,012.28	4,200	0.9553
	WAIK WELL SITE #3/PH 1 P7X	51.30	22	2.3318
	WAIK DEEP WELL #4 PUMP (DW-4)	3,994.08	4,400	0.9077
	WAIK DEEP WELL #5 PUMP (DW-5)	3,971.68	200	19.8584
	WAIK DEEP WELL #6 PUMP (DW-6)	53,005.31	126,000	0.4207
	WAIK WELL SITE #6/AUXILIARY	276.74	529	0.5231
	WAIK DEEP WELL #7 PUMP (DW-7)	58,519.04	139,500	0.4195
	WAIK WELL SITE #7/PH 1	204.48	370	0.5526
	WAIK WELL #8 CNTRL BLDG/PH 1	123.12	191	0.6446
	WAIK WELL #8 CNTRL BLDG/PH 3	88,245.16	230100	0.3835
ENERGY RESOURCES - WIND				-
	SUBTOTAL	<u>336,952.13</u>	<u>827,192</u>	0.4073
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$336,952.13</u>	<u>827,192</u>	0.4073

**POWER COST CALCULATIONS:**

TOTAL DOLLARS:	\$336,952.13
TOTAL KWH	<u>827,192</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4073

**WHWC CALCULATIONS:**

0.4073	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <b>2.4398</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)