

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

11/11/22 - 12/12/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	123,486.09	322400	0.3830
	WAIK WTR WELL #1 PH 1	293.19	562	0.5217
	WAIK DEEP WELL #2 PUMP (DW-2)	22,816.82	56,400	0.4046
	WAIK WELL SITE #2/PH 1	154.68	259	0.5972
	WAIK DEEP WELL #3 PUMP (DW-3)	4,360.41	8,400	0.5191
	WAIK WELL SITE #3/PH 1 P7X	51.28	24	2.1367
	WAIK DEEP WELL #4 PUMP (DW-4)	7,899.66	10,400	0.7596
	WAIK DEEP WELL #5 PUMP (DW-5)	47,839.03	122,200	0.3915
	WAIK DEEP WELL #6 PUMP (DW-6)	79,575.72	202,200	0.3935
	WAIK WELL SITE #6/AUXILIARY	271.70	515	0.5276
	WAIK DEEP WELL #7 PUMP (DW-7)	23,942.75	37,200	0.6436
	WAIK WELL SITE #7/PH 1	214.10	389	0.5504
	WAIK WELL #8 CNTRL BLDG/PH 1	139.14	225	0.6184
	WAIK WELL #8 CNTRL BLDG/PH 3	96,800.32	253500	0.3819
ENERGY RESOURCES - WIND				-
	SUBTOTAL	407,844.89	1,014,674	0.4019
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$407,844.89	1,014,674	0.4019

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$407,844.89
TOTAL KWH	1,014,674
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4019

WHWC CALCULATIONS:

0.4019	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.4075 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)