

**WEST HAWAII WATER COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: February 2022**

12/14/21 - 1/12/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	100,027.10	299200	0.3343
	WAIK WTR WELL #1 PH 1	248.72	524	0.4747
	WAIK DEEP WELL #2 PUMP (DW-2)	36,959.37	107,700	0.3432
	WAIK WELL SITE #2/PH 1	151.43	284	0.5332
	WAIK DEEP WELL #3 PUMP (DW-3)	18,386.92	52,200	0.3522
	WAIK WELL SITE #3/PH 1 P7X	51.32	27	1.9007
	WAIK DEEP WELL #4 PUMP (DW-4)	3,982.82	200	19.9141
	WAIK DEEP WELL #5 PUMP (DW-5)	4,075.22	200	20.3761
	WAIK DEEP WELL #6 PUMP (DW-6)	75,757.20	224,700	0.3371
	WAIK WELL SITE #6/AUXILIARY	262.90	559	0.4703
	WAIK DEEP WELL #7 PUMP (DW-7)	62,407.82	176,400	0.3538
	WAIK WELL SITE #7/PH 1	187.09	372	0.5029
	WAIK WELL #8 CNTRL BLDG/PH 1	385.30	861	0.4475
	WAIK WELL #8 CNTRL BLDG/PH 3	10,466.59	600	17.4443
ENERGY RESOURCES - WIND		+		-
	SUBTOTAL	313,349.80	863,827	0.3627
ENERGY RESOURCES - WIND				
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	GRAND TOTAL	\$313,349.80	863,827	0.3627

**POWER COST CALCULATIONS:**

TOTAL DOLLARS:	\$313,349.80
TOTAL KWH	863,827
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3627

**WHWC CALCULATIONS:**

0.3627	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">2.1727</span> 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)