

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

**8/11/22 - 9/09/22**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	125,423.37	288800	0.4343
	WAIK WTR WELL #1 PH 1	300.76	523	0.5751
	WAIK DEEP WELL #2 PUMP (DW-2)	42,306.01	95,400	0.4435
	WAIK WELL SITE #2/PH 1	157.13	239	0.6574
	WAIK DEEP WELL #3 PUMP (DW-3)	9,915.91	20,400	0.4861
	WAIK WELL SITE #3/PH 1 P7X	51.28	22	2.3309
	WAIK DEEP WELL #4 PUMP (DW-4)	4,360.78	7,600	0.5738
	WAIK DEEP WELL #5 PUMP (DW-5)	70,633.07	161,600	0.4371
	WAIK DEEP WELL #6 PUMP (DW-6)	96,738.99	221,700	0.4364
	WAIK WELL SITE #6/AUXILIARY	194.04	312	0.6219
	WAIK DEEP WELL #7 PUMP (DW-7)	28,839.20	45,300	0.6366
	WAIK WELL SITE #7/PH 1	220.34	364	0.6053
	WAIK WELL #8 CNTRL BLDG/PH 1	556.61	1029	0.5409
	WAIK WELL #8 CNTRL BLDG/PH 3	106,219.26	246900	0.4302
ENERGY RESOURCES - WIND				-
	<b>SUBTOTAL</b>	<b>485,916.75</b>	<b>1,090,189</b>	<b>0.4457</b>
ENERGY RESOURCES - WIND				
	<b>GRAND TOTAL</b>	<b>\$485,916.75</b>	<b>1,090,189</b>	<b>0.4457</b>

**POWER COST CALCULATIONS:**

TOTAL DOLLARS:	\$485,916.75
TOTAL KWH	1,090,189
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4457

**WHWC CALCULATIONS:**

0.4457	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <b>2.6696</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)