

WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JULY 2024

05/10/24 - 06/08/24

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	111,451.05	294400	0.3786
	WAIK WTR WELL #1 PH 1	278.10	519	0.5358
	WAIK DEEP WELL #2 PUMP (DW-2)	35,138.75	89,400	0.3931
	WAIK WELL SITE #2/PH 1	148.99	238	0.6260
	WAIK DEEP WELL #3 PUMP (DW-3)	56,029.01	144,900	0.3867
	WAIK WELL SITE #3/PH 1 P7X	56.04	25	2.2416
	WAIK DEEP WELL #4 PUMP (DW-4)	47,140.47	113,400	0.4157
	WAIK DEEP WELL #5 PUMP (DW-5)	4,355.55	6,000	0.7259
	WAIK DEEP WELL #6 PUMP (DW-6)	0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	254.24	467	0.5444
	WAIK DEEP WELL #7 PUMP (DW-7)	12,343.24	900	13.7147
	WAIK WELL SITE #7/PH 1	203.22	356	0.5708
	WAIK WELL #8 CNTRL BLDG/PH 1	1,155.66	2429	0.4758
	WAIK WELL #8 CNTRL BLDG/PH 3	90,600.53	241500	0.3752
ENERGY RESOURCES - WIND				-
	SUBTOTAL	<u>359,154.85</u>	<u>894,534</u>	0.4015
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$359,154.85</u></u>	<u><u>894,534</u></u>	0.4015

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$359,154.85
TOTAL KWH	<u>894,534</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4015

WHWC CALCULATIONS:

0.4015	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.4048 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)