

**WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2024**

11/10/23 - 12/11/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	123,809.23	323200	0.3831	
	WAIK WTR WELL #1 PH 1	294.50	552	0.5335	
	WAIK DEEP WELL #2 PUMP (DW-2)	41,366.77	104,400	0.3962	
	WAIK WELL SITE #2/PH 1	157.51	256	0.6153	
	WAIK DEEP WELL #3 PUMP (DW-3)	51,495.58	131,100	0.3928	
	WAIK WELL SITE #3/PH 1 P7X	62.19	50	1.2438	
	WAIK DEEP WELL #4 PUMP (DW-4)	63,517.07	161,200	0.3940	
	WAIK DEEP WELL #5 PUMP (DW-5)	4,249.57	0	-	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	309.30	584	0.5296	
	WAIK DEEP WELL #7 PUMP (DW-7)	25,072.43	38,700	0.6479	
	WAIK WELL SITE #7/PH 1	196.85	341	0.5773	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,304.72	2735	0.4770	
	WAIK WELL #8 CNTRL BLDG/PH 3	93,739.75	244800	0.3829	
ENERGY RESOURCES - WIND				-	
	SUBTOTAL	405,575.47	1,007,918	0.4024	
ENERGY RESOURCES - WIND					
	GRAND TOTAL	\$405,575.47	1,007,918	0.4024	

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$405,575.47
TOTAL KWH	1,007,918
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4024

WHWC CALCULATIONS:

0.4024	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.4101 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)