

**WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE OCTOBER 2021**

8/12/21 - 9/13/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	80,606.02	256000	0.3149
	WAIK WTR WELL #1 PH 1	258.26	583	0.4430
	WAIK DEEP WELL #2 PUMP (DW-2)	58,699.34	188,400	0.3116
	WAIK WELL SITE #2/PH 1	158.89	322	0.4934
	WAIK DEEP WELL #3 PUMP (DW-3)	28,230.63	88,800	0.3179
	WAIK WELL SITE #3/PH 1 P7X	51.30	27	1.9000
	WAIK DEEP WELL #4 PUMP (DW-4)	13,146.81	39,600	0.3320
	WAIK DEEP WELL #5 PUMP (DW-5)	9,542.11	27,800	0.3432
	WAIK DEEP WELL #6 PUMP (DW-6)	79,600.56	262,200	0.3036
	WAIK WELL SITE #6/AUXILIARY	193.55	413	0.4686
	WAIK DEEP WELL #7 PUMP (DW-7)	67,510.69	213,600	0.3161
	WAIK WELL SITE #7/PH 1	109.02	191	0.5708
	WAIK WELL #8 CNTRL BLDG/PH 1	471.08	1142	0.4125
	WAIK WELL #8 CNTRL BLDG/PH 3	10,329.89	600	17.2165
ENERGY RESOURCES - WIND		+		-
SUBTOTAL		348,908.15	1,079,678	0.3232
ENERGY RESOURCES - WIND				
GRAND TOTAL		\$348,908.15	1,079,678	0.3232

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$348,908.15
TOTAL KWH	1,079,678
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3232

WHWC CALCULATIONS:

0.3232	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.9356 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)