

**WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: FEBRUARY 2019**

12/14/18-1/14/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	79,348.85	252,000	0.3149
	WAIK WTR WELL #1 PH 1	74.06	102	0.7261
	WAIK DEEP WELL #2 PUMP (DW-2)	22,163.34	67,800	0.3269
	WAIK WELL SITE #2/PH 1	158.10	318	0.4972
	WAIK DEEP WELL #3 PUMP (DW-3)	19,848.37	51,900	0.3824
	WAIK WELL SITE #3/PH 1 P7X	86.50	134	0.6455
	WAIK DEEP WELL #4 PUMP (DW-4)	9,063.87	26,000	0.3486
	WAIK DEEP WELL #5 PUMP (DW-5)	18,712.61	57,200	0.3271
	WAIK DEEP WELL #6 PUMP (DW-6)	77,520.26	251,100	0.3087
	WAIK WELL SITE #6/AUXILIARY	247.59	548	0.4518
	WAIK DEEP WELL #7 PUMP (DW-7)	88,773.71	289,500	0.3066
	WAIK WELL SITE #7/PH 1	122.70	227	0.5405
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	\$316,119.96	996,829	0.3171
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$316,119.96	996,829	0.3171

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$316,119.96
TOTAL KWH	996,829
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3171

WHWC CALCULATIONS:

0.3171	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.8994 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)