

**WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: FEBRUARY 2020**

12/13/19-01/13/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	62,277.30	200800	0.3101
	WAIK WTR WELL #1 PH 1	68.30	92	0.7424
	WAIK DEEP WELL #2 PUMP (DW-2)	4,301.01	9,300	0.4625
	WAIK WELL SITE #2/PH 1	143.86	299	0.4811
	WAIK DEEP WELL #3 PUMP (DW-3)	34,023.18	104,100	0.3268
	WAIK WELL SITE #3/PH 1 P7X	51.95	27	1.9241
	WAIK DEEP WELL #4 PUMP (DW-4)	8,342.04	25,200	0.3310
	WAIK DEEP WELL #5 PUMP (DW-5)	13,476.87	43,000	0.3134
	WAIK DEEP WELL #6 PUMP (DW-6)	69,895.70	240,600	0.2905
	WAIK WELL SITE #6/AUXILIARY	239.49	561	0.4269
	WAIK DEEP WELL #7 PUMP (DW-7)	75,785.22	261,000	0.2904
	WAIK WELL SITE #7/PH 1	82.91	132	0.6281
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	<u>\$268,687.83</u>	<u>885,111</u>	0.3036
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$268,687.83</u></u>	<u><u>885,111</u></u>	0.3036

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$268,687.83
TOTAL KWH	<u>885,111</u>
UNIT PRICE FOR ELECTRICITY (\$ / kWh)	\$ 0.3036

WHWC CALCULATIONS:

0.3036	UNIT PRICE FOR ELECTRICITY (\$ / kWh)
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.8182 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)