

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

11/13/19-12/12/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	58,919.93	189600	0.3108
	WAIK WTR WELL #1 PH 1	64.44	83	0.7764
	WAIK DEEP WELL #2 PUMP (DW-2)	4,216.19	300	14.0540
	WAIK WELL SITE #2/PH 1	133.48	273	0.4889
	WAIK DEEP WELL #3 PUMP (DW-3)	29,208.10	88,200	0.3312
	WAIK WELL SITE #3/PH 1 P7X	51.28	24	2.1367
	WAIK DEEP WELL #4 PUMP (DW-4)	6,906.86	20,400	0.3386
	WAIK DEEP WELL #5 PUMP (DW-5)	13,452.79	43,200	0.3114
	WAIK DEEP WELL #6 PUMP (DW-6)	68,649.30	237,600	0.2889
	WAIK WELL SITE #6/AUXILIARY	198.53	452	0.4392
	WAIK DEEP WELL #7 PUMP (DW-7)	72,124.24	248,400	0.2904
	WAIK WELL SITE #7/PH 1	76.42	116	0.6588
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	<u>\$254,001.56</u>	<u>828,648</u>	0.3065
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$254,001.56</u></u>	<u><u>828,648</u></u>	0.3065

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$254,001.56
TOTAL KWH	<u>828,648</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<u>\$ 0.3065</u>

WHWC CALCULATIONS:

0.3065	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	1.8359 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)