

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

7/14/20 - 8/11/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	40,546.86	138400	0.2930
	WAIK WTR WELL #1 PH 1	115.19	248	0.4645
	WAIK DEEP WELL #2 PUMP (DW-2)	34,502.53	122,400	0.2819
	WAIK WELL SITE #2/PH 1	125.47	280	0.4481
	WAIK DEEP WELL #3 PUMP (DW-3)	7,781.33	27,300	0.2850
	WAIK WELL SITE #3/PH 1 P7X	52.87	20	2.6435
	WAIK DEEP WELL #4 PUMP (DW-4)	9,333.16	22,600	0.4130
	WAIK DEEP WELL #5 PUMP (DW-5)	11,943.88	33,800	0.3534
	WAIK DEEP WELL #6 PUMP (DW-6)	53,410.47	213,000	0.2508
	WAIK WELL SITE #6/AUXILIARY	144.15	338	0.4265
	WAIK DEEP WELL #7 PUMP (DW-7)	62,973.80	255,600	0.2464
	WAIK WELL SITE #7/PH 1	66.24	96	0.6900
	WAIK WELL #8 CNTRL BLDG/PH 1			
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	<u>\$220,995.95</u>	<u>814,082</u>	0.2715
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$220,995.95</u>	<u>814,082</u>	0.2715

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$220,995.95
TOTAL KWH	814,082
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<u>\$ 0.2715</u>

WHWC CALCULATIONS:

0.2715	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.6259 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)