

**WEST HAWAII UTILITY 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
			3	
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$268,687.83</u>	<u>885,111</u>	0.3036

POWER COST CALCULATIONS:

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

**WHUC CALCULATIONS:**

0.3036	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="background-color: yellow; border: 1px solid black; padding: 2px;">1.8182</span> POWER COST CHARGE PER TG (WHUC)

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)

**WEST HAWAII UTILITY COMPANY-SEWER  
POWER COST CHARGE CALCULATION  
EFFECTIVE: FEBRUARY 2020**

HELCO BILLING PERIOD:  
12/11/19-01/09/20

Anaehoomalu STP	29,117.93
SPS #1	5,367.05
SPS#2	991.70
SPS#3	1,464.49
ENERGY RESOURCES - WIND	
SUBTOTAL	\$36,941.17
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$36,941.17

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$36,941.17
PREVIOUS MONTH TOTAL METERED TG	81,945
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4508

**WHUC CALCULATIONS:**

0.4508		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X		
1.06385	PSC/PUC fee =	0.4796

Formula used to calculate PCC

Electric Power Cost Per Thousand Gallons =  
Previous Month's Electric Cost / Divided by Previous Month's Total Metered TG of  
Water to the Company's Customers x 1.06385 (Public Service Company Tax and PUC Fee)

**POWER COST CHARGE  
PER TG (WHUC)**

**WEST HAWAII UTILITY COMPANY - IRRIGATION  
POWER COST CHARGE CALCULATION  
EFFECTIVE: FEBRUARY 2020**

HELCO BILLING PERIOD:

12/11/19-01/09/20

Irrigation Wells 1,2,3	9,416.49	30,200	0.3118
Nursery Well	3,415.87	10,307	0.3314
51' Well	1,723.99	4,520	0.3814
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,556.35	45,027	0.3233
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,556.35	45,027	0.3233

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,556.35
TOTAL KWH	45,027
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3233

WHUC CALCULATIONS:

0.3233	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.1836</span>

Formula used to calculate PCC

Electric Power Cost Per Thousand Gallons =

**POWER COST  
CHARGE PER TG  
(WHUC)**

Previous Month's electrical cost per kwh x pump efficiency factor (kWh / 100 gallons) x 1.06385 (Public Service Company Tax and PUC Fee)