

**WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: MAY 2020**

**03/13/20-04/13/20**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	60,674.23	192000	0.3160
	WAIK WTR WELL #1 PH 1	65.54	82	0.7993
	WAIK DEEP WELL #2 PUMP (DW-2)	30,240.77	99,600	0.3036
	WAIK WELL SITE #2/PH 1	139.82	284	0.4923
	WAIK DEEP WELL #3 PUMP (DW-3)	3,950.22	9,000	0.4389
	WAIK WELL SITE #3/PH 1 P7X	52.93	21	2.5205
	WAIK DEEP WELL #4 PUMP (DW-4)	3,850.64	9,000	0.4278
	WAIK DEEP WELL #5 PUMP (DW-5)	6,920.44	20,200	0.3426
	WAIK DEEP WELL #6 PUMP (DW-6)	71,566.02	245,100	0.2920
	WAIK WELL SITE #6/AUXILIARY	225.84	518	0.4360
	WAIK DEEP WELL #7 PUMP (DW-7)	76,198.09	260,100	0.2930
	WAIK WELL SITE #7/PH 1	83.56	131	0.6379
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$253,968.10</u>	<u>836,036</u>	0.3038
			3	
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$253,968.10</u></u>	<u><u>836,036</u></u>	0.3038

**POWER COST CALCULATIONS:**

TOTAL DOLLARS:	\$253,968.10
TOTAL KWH	<u>836,036</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3038

**WHUC CALCULATIONS:**

0.3038	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="background-color: yellow;">1.8195</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: MAY 2020**

HELCO BILLING PERIOD:

3/11/20-4/8/20

Anaehoomalu STP	22,916.42
SPS #1	2,984.82
SPS#2	593.76
SPS#3	869.21
ENERGY RESOURCES - WIND	
SUBTOTAL	\$27,364.21
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$27,364.21

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$27,364.21
PREVIOUS MONTH TOTAL METERED TG	66,117
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4139

**WHUC CALCULATIONS:**

0.4139		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X		
1.06385	PSC/PUC fee =	0.4403

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: MAY 2020**

HELCO BILLING PERIOD:

3/11/20-4/8/20

Irrigation Wells 1,2,3	9,361.53	29,500	0.3173
Nursery Well	3,402.13	10,061	0.3382
51' Well	1,708.77	4,360	0.3919
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,472.43	43,921	0.3295
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,472.43	43,921	0.3295

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,472.43
TOTAL KWH	43,921
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3295

**WHUC CALCULATIONS:**

0.3295	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = <span style="background-color: yellow; border: 1px solid black; padding: 2px;">0.1871</span>

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)

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