

**WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE MARCH 2021**

1/14/21-2/11/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,312.79	0	-
	WAIK WTR WELL #1 PH 1	196.41	485	0.4050
	WAIK DEEP WELL #2 PUMP (DW-2)	36,280.40	137,400	0.2640
	WAIK WELL SITE #2/PH 1	125.46	270	0.4647
	WAIK DEEP WELL #3 PUMP (DW-3)	20,206.33	74,700	0.2705
	WAIK WELL SITE #3/PH 1 P7X	51.37	23	2.2335
	WAIK DEEP WELL #4 PUMP (DW-4)	14,182.56	51,400	0.2759
	WAIK DEEP WELL #5 PUMP (DW-5)	3,816.97	0	-
	WAIK DEEP WELL #6 PUMP (DW-6)	-	0	-
	WAIK WELL SITE #6/AUXILIARY	328.42	885	0.3711
	WAIK DEEP WELL #7 PUMP (DW-7)	61,619.14	236,100	0.2610
	WAIK WELL SITE #7/PH 1	75.32	118	0.6383
	WAIK WELL #8 CNTRL BLDG/PH 1	373.62	1022	0.3656
	WAIK WELL #8 CNTRL BLDG/PH 3	60,863.30	237600	0.2562
ENERGY RESOURCES - WIND				-
	<b>SUBTOTAL</b>	<b>\$210,432.09</b>	<b>740,003</b>	<b>0.2844</b>

ENERGY RESOURCES - WIND

<b>GRAND TOTAL</b>	<b>\$210,432.09</b>	<b>740,003</b>	<b>0.2844</b>
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$210,432.09
TOTAL KWH	740,003
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2844

WHUC CALCULATIONS:

0.2844	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	<b>1.7032</b> 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 MARCH 2021**

HELCO BILLING PERIOD:

1/12/21-2/9/21

Anaehoomalu STP	19,301.66
SPS #1	2,484.80
SPS#2	575.88
SPS#3	756.27
ENERGY RESOURCES - WIND	
SUBTOTAL	\$23,118.61
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$23,118.61

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$23,118.61
PREVIOUS MONTH TOTAL METERED TG	65,178
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3547

**WHUC CALCULATIONS:**

0.3547		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.3773

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 MARCH 2021**

HELCO BILLING PERIOD:

1/12/21-2/9/21

Irrigation Wells 1,2,3	7,405.24	26,300	0.2816
Nursery Well	2,408.81	7,670	0.3141
51' Well	969.24	2,120	0.4572
ENERGY RESOURCES - WIND			
SUBTOTAL	\$10,783.29	36,090	0.2988
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$10,783.29	36,090	0.2988

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$10,783.29
TOTAL KWH	36,090
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2988

WHUC CALCULATIONS:

0.2988	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;">0.1696</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)**