

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

**9/12/20-10/13/20**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	40,274.15	124800	0.3227
	WAIK WTR WELL #1 PH 1	236.24	587	0.4025
	WAIK DEEP WELL #2 PUMP (DW-2)	26,747.16	96,000	0.2786
	WAIK WELL SITE #2/PH 1	138.00	300	0.4600
	WAIK DEEP WELL #3 PUMP (DW-3)	40,590.09	148,500	0.2733
	WAIK WELL SITE #3/PH 1 P7X	52.87	29	1.8231
	WAIK DEEP WELL #4 PUMP (DW-4)	21,219.52	65,600	0.3235
	WAIK DEEP WELL #5 PUMP (DW-5)	3,745.70	0	#DIV/0!
	WAIK DEEP WELL #6 PUMP (DW-6)	66,553.03	252,600	0.2635
	WAIK WELL SITE #6/AUXILIARY	165.04	379	0.4355
	WAIK DEEP WELL #7 PUMP (DW-7)	75,857.30	290,400	0.2612
	WAIK WELL SITE #7/PH 1	68.53	97	0.7065
	WAIK WELL #8 CNTRL BLDG/PH 1			
	WAIK WELL #8 CNTRL BLDG/PH 3			

ENERGY RESOURCES - WIND

SUBTOTAL	\$275,647.63	979,292	0.2815
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ENERGY RESOURCES - WIND

GRAND TOTAL	\$275,647.63	979,292	0.2815
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$275,647.63
TOTAL KWH	979,292
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2815

WHUC CALCULATIONS:

0.2815	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="background-color: yellow; padding: 2px;">1.6859</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: NOVEMBER 2020**

HELCO BILLING PERIOD:

9/10/20 - 10/8/20

Anaehoomalu STP	18,328.26
SPS #1	2,339.12
SPS#2	457.72
SPS#3	831.50
ENERGY RESOURCES - WIND	
SUBTOTAL	\$21,956.60

ENERGY RESOURCES - WIND	
GRAND TOTAL	\$21,956.60

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$21,956.60
PREVIOUS MONTH TOTAL METERED TG	68,043
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3227

**WHUC CALCULATIONS:**

0.3227	UNIT PRICE FOR METERED WATER SALES [\$ / TG]		
x			
1.06385	PSC/PUC fee	=	<b>0.3433</b>

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: NOVEMBER 2020**

HELCO BILLING PERIOD:

9/10/20-10/8/20

Irrigation Wells 1,2,3	8,571.01	29,600	0.2896
Nursery Well	3,119.40	10,049	0.3104
51' Well	1,630.20	4,520	0.3607
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,320.61	44,169	0.3016
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,320.61	44,169	0.3016

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,320.61
TOTAL KWH	44,169
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3016

**WHUC CALCULATIONS:**

0.3016	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;">0.1712</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)**