

WEST HAWAII UTILITY COMPANY  
 POWER COST CHARGE CALCULATION  
 EFFECTIVE: July 2019

5/15/19 - 6/13/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	70,363.25	224000	0.3141
	WAIK WTR WELL #1 PH 1	68.38	90	0.7598
	WAIK DEEP WELL #2 PUMP (DW-2)	4,242.75	4,500	0.9428
	WAIK WELL SITE #2/PH 1	135.87	269	0.5051
	WAIK DEEP WELL #3 PUMP (DW-3)	35,003.99	112,800	0.3103
	WAIK WELL SITE #3/PH 1 P7X	74.06	105	0.7053
	WAIK DEEP WELL #4 PUMP (DW-4)	6,668.10	19,000	0.3510
	WAIK DEEP WELL #5 PUMP (DW-5)	18,527.98	58,400	0.3173
	WAIK DEEP WELL #6 PUMP (DW-6)	70,240.73	232,200	0.3025
	WAIK WELL SITE #6/AUXILIARY	150.58	308	0.4889
	WAIK DEEP WELL #7 PUMP (DW-7)	73,682.24	242,100	0.3043
	WAIK WELL SITE #7/PH 1	72.55	101	0.7183
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$279,230.48	893,873	0.3124

ENERGY RESOURCES - WIND

	\$279,230.48	893,873	0.3124
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$279,230.48
TOTAL KWH	893,873
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3124

WHUC CALCULATIONS:

0.3124	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">1.8710</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: July 2019

HELCO BILLING PERIOD:

5/11/19 - 6/10/19

Anaehoomalu STP	30,430.18
SPS #1	5,128.45
SPS#2	918.75
SPS#3	767.68

ENERGY RESOURCES - WIND	
SUBTOTAL	\$37,245.06

ENERGY RESOURCES - WIND

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GRAND TOTAL	\$37,245.06
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POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$37,245.06
PREVIOUS MONTH TOTAL METERED TG	85,092
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4377

**WHUC CALCULATIONS:**

0.4377	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.4657</span>

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: July 2019

HELCO BILLING PERIOD:

5/11/19 - 6/10/19

Irrigation Wells 1,2,3	10,256.10	31,800	0.3225
Nursery Well	3,689.83	10,822	0.3410
51' Well	1,823.19	4,680	0.3896
ENERGY RESOURCES - WIND			
SUBTOTAL	\$15,769.12	47,302	0.3334
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$15,769.12	47,302	0.3334

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$15,769.12
TOTAL KWH	47,302
UNIT PRICE FOR ELECTRICITY [\$/ kWh]	\$ 0.3334

WHUC CALCULATIONS:

0.3334	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;">0.1893</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)**