

**WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: JUNE 2022**

**4/12/22 - 5/11/22**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	109,295.90	273600	0.3995
	WAIK WTR WELL #1 PH 1	281.65	523	0.5385
	WAIK DEEP WELL #2 PUMP (DW-2)	22,262.66	53,400	0.4169
	WAIK WELL SITE #2/PH 1	172.37	290	0.5944
	WAIK DEEP WELL #3 PUMP (DW-3)	4,013.39	6,600	0.6081
	WAIK WELL SITE #3/PH 1 P7X	51.36	23	2.2330
	WAIK DEEP WELL #4 PUMP (DW-4)	11,285.63	18,600	0.6068
	WAIK DEEP WELL #5 PUMP (DW-5)	63,855.74	159,400	0.4006
	WAIK DEEP WELL #6 PUMP (DW-6)	68,718.14	165,900	0.4142
	WAIK WELL SITE #6/AUXILIARY	255.39	467	0.5469
	WAIK DEEP WELL #7 PUMP (DW-7)	27,915.28	47,400	0.5889
	WAIK WELL SITE #7/PH 1	207.56	365	0.5687
	WAIK WELL #8 CNTRL BLDG/PH 1	531.63	1056	0.5034
	WAIK WELL #8 CNTRL BLDG/PH 3	95,606.17	242700	0.3939
	<b>SUBTOTAL</b>	<b>\$404,452.87</b>	<b>970,324</b>	<b>0.4168</b>

ENERGY RESOURCES - WIND

<b>GRAND TOTAL</b>	<b>\$404,452.87</b>	<b>970,324</b>	<b>0.4168</b>
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$404,452.87
TOTAL KWH	970,324
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4168

WHUC CALCULATIONS:

0.4168	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <b>2.4965</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: JUNE 2022**

HELCO BILLING PERIOD:

4/08/22 - 5/09/22

Anaehoomalu STP	41,201.79
SPS #1	5,075.18
SPS#2	995.42
SPS#3	923.00
 GRAND TOTAL	 \$48,195.39

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$48,195.39
PREVIOUS MONTH TOTAL METERED TG	72,423
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.6655

WHUC CALCULATIONS:

0.6655		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
X			
1.06385		PSC/PUC fee =	0.7080

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)**

PREPARED BY:   
 ERIN KAHOLOA'A

06-01-22  
 DATE

APPROVED BY:   
 AGNES CARLOS

6/1/2022  
 DATE

APPROVED BY:   
 ROBERT STOUT

6/2/2022  
 DATE

**WEST HAWAII UTILITY COMPANY - IRRIGATION  
POWER COST CHARGE CALCULATION  
EFFECTIVE: JUNE 2022**

HELCO BILLING PERIOD:

4/08/22 - 5/09/22

Irrigation Wells 1,2,3	13,433.96	32,400	0.4146
Nursery Well	3,991.68	9,000	0.4435
51' Well	2,344.17	4,840	0.4843
 SUBTOTAL	 \$19,769.81	 46,240	 0.4275

ENERGY RESOURCES - WIND

 GRAND TOTAL	 \$19,769.81	 46,240	 0.4275
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$19,769.81		
TOTAL KWH	46,240		
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4275		

**WHUC CALCULATIONS:**

0.4275		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;">0.2428</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)**