

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

**7/13/22-8/10/22**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	118,079.95	264000	0.4473
	WAIK WTR WELL #1 PH 1	296.97	506	0.5869
	WAIK DEEP WELL #2 PUMP (DW-2)	41,492.88	91,500	0.4535
	WAIK WELL SITE #2/PH 1	170.22	260	0.6547
	WAIK DEEP WELL #3 PUMP (DW-3)	10,358.44	21,000	0.4933
	WAIK WELL SITE #3/PH 1 P7X	51.28	23	2.2296
	WAIK DEEP WELL #4 PUMP (DW-4)	10,587.52	21,600	0.4902
	WAIK DEEP WELL #5 PUMP (DW-5)	69,702.70	156,000	0.4468
	WAIK DEEP WELL #6 PUMP (DW-6)	92,684.88	206,700	0.4484
	WAIK WELL SITE #6/AUXILIARY	207.83	333	0.6241
	WAIK DEEP WELL #7 PUMP (DW-7)	29,002.42	44,700	0.6488
	WAIK WELL SITE #7/PH 1	218.15	353	0.6180
	WAIK WELL #8 CNTRL BLDG/PH 1	600.42	1095	0.5483
	WAIK WELL #8 CNTRL BLDG/PH 3	104,182.67	236100	0.4413
	<b>SUBTOTAL</b>	<b>\$477,636.33</b>	<b>1,044,170</b>	<b>0.4574</b>

ENERGY RESOURCES - WIND

<b>GRAND TOTAL</b>	<b>\$477,636.33</b>	<b>1,044,170</b>	<b>0.4574</b>
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$477,636.33
TOTAL KWH	1,044,170
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4574

**WHUC CALCULATIONS:**

0.4574	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;">2.7398</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: SEPTEMBER 2022**

HELCO BILLING PERIOD:

7/09/22 - 8/08/22

Anaehoomalu STP	46,911.34
SPS #1	6,897.65
SPS#2	1,298.69
SPS#3	1,154.45
 GRAND TOTAL	 <u>\$56,262.13</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$56,262.13
PREVIOUS MONTH TOTAL METERED TG	90,446
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 0.6221</u>

WHUC CALCULATIONS:

0.6221	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.6618</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: SEPTEMBER 2022**

HELCO BILLING PERIOD:

7/09/22 - 8/08/22

Irrigation Wells 1,2,3	10,117.65	21,300	0.4750
Nursery Well	4,205.59	8,521	0.4936
51' Well	2,572.22	4,840	0.5315
 SUBTOTAL	<hr/> \$16,895.46	<hr/> 34,661	0.4874

ENERGY RESOURCES - WIND

GRAND TOTAL	<hr/> <hr/> \$16,895.46	<hr/> <hr/> 34,661	0.4874
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$16,895.46
TOTAL KWH	34,661
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<hr/> \$ 0.4874

WHUC CALCULATIONS:

0.4874	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;">0.2768</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)**

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08.18.22  
DATE

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AGNES CARLOS

8/19/22  
DATE

APPROVED BY: *Robert Stout*  
ROBERT STOUT

8/22/22  
DATE