

**WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: JULY 2024**

**05/10/24 - 06/08/24**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	111,451.05	294400	0.3786
	WAIK WTR WELL #1 PH 1	278.10	519	0.5358
	WAIK DEEP WELL #2 PUMP (DW-2)	35,138.75	89,400	0.3931
	WAIK WELL SITE #2/PH 1	148.99	238	0.6260
	WAIK DEEP WELL #3 PUMP (DW-3)	56,029.01	144,900	0.3867
	WAIK WELL SITE #3/PH 1 P7X	56.04	25	2.2416
	WAIK DEEP WELL #4 PUMP (DW-4)	47,140.47	113,400	0.4157
	WAIK DEEP WELL #5 PUMP (DW-5)	4,355.55	6,000	0.7259
	WAIK DEEP WELL #6 PUMP (DW-6)		0	- Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	254.24	467	0.5444
	WAIK DEEP WELL #7 PUMP (DW-7)	12,343.24	900	13.7147
	WAIK WELL SITE #7/PH 1	203.22	356	0.5708
	WAIK WELL #8 CNTRL BLDG/PH 1	1,155.66	2429	0.4758
	WAIK WELL #8 CNTRL BLDG/PH 3	90,600.53	241500	0.3752
	<b>SUBTOTAL</b>	<b>\$359,154.85</b>	<b>894,534</b>	<b>0.4015</b>
<b>ENERGY RESOURCES - WIND</b>				
	<b>GRAND TOTAL</b>	<b>\$359,154.85</b>	<b>894,534</b>	<b>0.4015</b>

**POWER COST CALCULATIONS:**

TOTAL DOLLARS:	\$359,154.85
TOTAL KWH	894,534
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4015

**WHUC CALCULATIONS:**

0.4015	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <b>2.4048</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: JULY 2024**

HELCO BILLING PERIOD:

05/08/24 - 06/06/24

685283 QUEEN KAAHUMANU HWY BLDG 1 STP	35,593.47
SPS #1	4,666.45
SPS#2	1,139.15
SPS#3	850.26
 GRAND TOTAL	 <u>\$42,249.33</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$42,249.33
PREVIOUS MONTH TOTAL METERED TG	78,920
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 0.5353</u>

**WHUC CALCULATIONS:**

0.5353	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X	
1.06385	PSC/PUC fee = <span style="background-color: yellow;">0.5695</span>

**POWER COST CHARGE  
PER TG (WHUC)**

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)

WEST HAWAII UTILITY COMPANY - IRRIGATION  
POWER COST CHARGE CALCULATION  
EFFECTIVE: JULY 2024

HELCO BILLING PERIOD:

05/08/24 - 06/06/24

685283 Queen Kaahumanu Hwy Bldg 1 IRR Pump 2 3	11,807.56	29,200	0.4044
Nursery Well	4,373.49	10,263	0.4261
51' Well	727.68	1,480	0.4917
 SUBTOTAL	 \$16,908.73	 40,943	 0.4130

ENERGY RESOURCES - WIND

GRAND TOTAL	\$16,908.73	40,943	0.4130
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$16,908.73
TOTAL KWH	40,943
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4130

WHUC CALCULATIONS:

0.4130	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) 0.2345

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)