

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

**03/12/24 - 04/10/24**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	111,471.37	300000	0.3716	
	WAIK WTR WELL #1 PH 1	272.71	517	0.5275	
	WAIK DEEP WELL #2 PUMP (DW-2)	22,843.20	57,900	0.3945	
	WAIK WELL SITE #2/PH 1	148.79	242	0.6148	
	WAIK DEEP WELL #3 PUMP (DW-3)	22,746.01	57,900	0.3928	
	WAIK WELL SITE #3/PH 1 P7X	56.12	28	2.0043	
	WAIK DEEP WELL #4 PUMP (DW-4)	5,500.38	0	-	Per Sgreen low KWH ok due to DW-5 back in op
	WAIK DEEP WELL #5 PUMP (DW-5)	60,987.96	161,000	0.3788	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	334.91	655	0.5113	
	WAIK DEEP WELL #7 PUMP (DW-7)	63,738.20	159,900	0.3986	
	WAIK WELL SITE #7/PH 1	110.02	156	0.7053	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,322.34	2846	0.4646	
	WAIK WELL #8 CNTRL BLDG/PH 3	85,211.74	229500	0.3713	
	<b>SUBTOTAL</b>	<b>\$374,743.75</b>	<b>970,644</b>	<b>0.3861</b>	

ENERGY RESOURCES - WIND

<b>GRAND TOTAL</b>	<b>\$374,743.75</b>	<b>970,644</b>	<b>0.3861</b>
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$374,743.75
TOTAL KWH	970,644
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3861

**WHUC CALCULATIONS:**

0.3861	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee	=
		<b>2.3124</b>
		<b>POWER COST CHARGE PER TG (WHUC)</b>

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: MAY 2024

HELCO BILLING PERIOD:

03/08/24 - 04/08/24

685283 QUEEN KAAHUMANU HWY BLDG 1 STP	38,173.48
SPS #1	5,375.14
SPS#2	1,238.45
SPS#3	928.80
GRAND TOTAL	<u>\$45,715.87</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$45,715.87
PREVIOUS MONTH TOTAL METERED TG	79,098
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 0.5780</u>

WHUC CALCULATIONS:

0.5780	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X	
1.06385	PSC/PUC fee = <span style="background-color: yellow;">0.6149</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: MAY 2024**

HELCO BILLING PERIOD:

03/08/24 - 04/08/24

685283 Queen Kaahumanu Hwy Bldg 1 IRR Pump 2 3	12,783.58	32,300	0.3958
Nursery Well	4,642.88	11,154	0.4163
51' Well	1,661.72	3,560	0.4668
 SUBTOTAL	<u>\$19,088.18</u>	<u>47,014</u>	0.4060

ENERGY RESOURCES - WIND

GRAND TOTAL	<u>\$19,088.18</u>	<u>47,014</u>	0.4060
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$19,088.18
TOTAL KWH	47,014
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<u>\$ 0.4060</u>

**WHUC CALCULATIONS:**

0.4060	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
X	
0.5337	Pump Efficiency Factor [kWh / TG]
X	
1.06385	(PSC/PUC fee) <span style="background-color: yellow;">0.2305</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)**