

WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: JANUARY 2025

**11/09/24 - 12/10/24**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	78,943.97	200000	0.3947
	WAIK WTR WELL #1 PH 1	284.84	545	0.5226
	WAIK DEEP WELL #2 PUMP (DW-2)	39,164.39	92,100	0.4252
	WAIK WELL SITE #2/PH 1	153.87	254	0.6058
	WAIK DEEP WELL #3 PUMP (DW-3)	74,194.86	188,700	0.3932
	WAIK WELL SITE #3/PH 1 P7X	55.86	29	1.9262
	WAIK DEEP WELL #4 PUMP (DW-4)	18,463.29	38,200	0.4833
	WAIK DEEP WELL #5 PUMP (DW-5)	4,434.44	5,200	0.8528
	WAIK DEEP WELL #6 PUMP (DW-6)		0	- Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	152.96	252	0.6070
	WAIK DEEP WELL #7 PUMP 3 PHASE	89,844.80	238,500	0.3767
	WAIK WELL SITE #7/PH 1	71.05	70	1.0150
	WAIK WELL #8 CNTRL BLDG/PH 1	1,261.06	2714	0.4646
	WAIK WELL #8 CNTRL BLDG/PH 3	93,867.25	255600	0.3672
	SUBTOTAL	<u>\$400,892.64</u>	<u>1,022,164</u>	0.3922

ENERGY RESOURCES - WIND

GRAND TOTAL	<u>\$400,892.64</u>	<u>1,022,164</u>	0.3922
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$400,892.64
TOTAL KWH	<u>1,022,164</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3922

**WHUC CALCULATIONS:**

0.3922	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <b>2.3491</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: JANUARY 2025**

HELCO BILLING PERIOD:

11/07/27 - 12/06/24

685283 QUEEN KAAHUMANU HWY BLDG 1 STP	36,257.92
SPS #1	5,246.94
SPS#2	1,133.42
SPS#3	792.12
 GRAND TOTAL	 <u>\$43,430.40</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$43,430.40
PREVIOUS MONTH TOTAL METERED TG	85,735
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 0.5066</u>

**WHUC CALCULATIONS:**

0.5066	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X	
1.06385	PSC/PUC fee = <span style="background-color: yellow;">0.5389</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: JANUARY 2025**

HELCO BILLING PERIOD:

11/07/24 - 12/06/24

685283 Queen Kaahumanu Hwy Bldg 1 IRR Pump 2 3	11,982.92	30,134	0.3977
Nursery Well	4,403.62	10,511	0.4190
51' Well	110.55	222	0.4980
 SUBTOTAL	 \$16,497.09	 40,867	 0.4037

ENERGY RESOURCES - WIND

GRAND TOTAL	\$16,497.09	40,867	0.4037
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$16,497.09
TOTAL KWH	40,867
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4037

WHUC CALCULATIONS:

0.4037	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) 0.2292

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)**