

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

**2/9/24 - 3/11/24**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	120,326.97	322400	0.3732	
	WAIK WTR WELL #1 PH 1	291.44	553	0.5270	
	WAIK DEEP WELL #2 PUMP (DW-2)	38,057.82	97,500	0.3903	
	WAIK WELL SITE #2/PH 1	165.34	276	0.5991	
	WAIK DEEP WELL #3 PUMP (DW-3)	46,538.71	120,300	0.3869	
	WAIK WELL SITE #3/PH 1 P7X	56.12	28	2.0043	
	WAIK DEEP WELL #4 PUMP (DW-4)	5,500.38	800	6.8755	Per Sgreen low KWH ok due to DW-5 back in op
	WAIK DEEP WELL #5 PUMP (DW-5)	64,695.75	168,800	0.3833	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	371.54	729	0.5097	
	WAIK DEEP WELL #7 PUMP (DW-7)	29,807.32	54,000	0.5520	
	WAIK WELL SITE #7/PH 1	187.19	324	0.5777	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,514.99	3241	0.4674	
	WAIK WELL #8 CNTRL BLDG/PH 3	95,021.06	256200	0.3709	
	<b>SUBTOTAL</b>	<b>\$402,534.63</b>	<b>1,025,151</b>	<b>0.3927</b>	

ENERGY RESOURCES - WIND

<b>GRAND TOTAL</b>	<b>\$402,534.63</b>	<b>1,025,151</b>	<b>0.3927</b>
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$402,534.63
TOTAL KWH	1,025,151
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3927

**WHUC CALCULATIONS:**

0.3927	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">2.3518</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: APRIL 2024**

HELCO BILLING PERIOD:

**02/07/24 - 03/07/24**

685283 QUEEN KAAHUMANU HWY BLDG 1 STP	35,855.70
SPS #1	5,229.93
SPS#2	1,236.60
SPS#3	836.34
GRAND TOTAL	\$43,158.57

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$43,158.57
PREVIOUS MONTH TOTAL METERED TG	88,823
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 0.4859

**WHUC CALCULATIONS:**

0.4859		UNIT PRICE FOR METERED WATER SALES [\$/ TG]
X		
1.06385	PSC/PUC fee =	<b>0.5169</b>

**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: APRIL 2024**

HELCO BILLING PERIOD:

**02/07/24 - 03/07/24**

685283 Queen Kaahumanu Hwy Bldg 1 IRR Pump 2 3	11,321.76	27,900	0.4058
Nursery Well	4,466.82	10,508	0.4251
51' Well	1,166.86	2,280	0.5118
 SUBTOTAL	\$16,955.44	40,688	0.4167

ENERGY RESOURCES - WIND

GRAND TOTAL	\$16,955.44	40,688	0.4167
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$16,955.44
TOTAL KWH	40,688
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4167

**WHUC CALCULATIONS:**

0.4167	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;">0.2366</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)**