

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

07/11/24 - 08/08/24

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	109,899.15	290400	0.3784
	WAIK WTR WELL #1 PH 1	272.20	508	0.5358
	WAIK DEEP WELL #2 PUMP (DW-2)	57,047.95	147,900	0.3857
	WAIK WELL SITE #2/PH 1	145.33	231	0.6291
	WAIK DEEP WELL #3 PUMP (DW-3)	55,755.76	144,600	0.3856
	WAIK WELL SITE #3/PH 1 P7X	55.86	25	2.2344
	WAIK DEEP WELL #4 PUMP (DW-4)	58,695.97	152,800	0.3841
	WAIK DEEP WELL #5 PUMP (DW-5)	22,121.81	55,600	0.3979
	WAIK DEEP WELL #6 PUMP (DW-6)		0	- Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	94.49	120	0.7874
	WAIK DEEP WELL #7 PUMP (DW-7)		0	- 7/26/24 Account closed. Pump down
	WAIK WELL SITE #7/PH 1	55.86	0	-
	WAIK WELL #8 CNTRL BLDG/PH 1	1,159.34	2445	0.4742
	WAIK WELL #8 CNTRL BLDG/PH 3	87,386.56	232500	0.3759
	SUBTOTAL	\$392,690.28	1,027,129	0.3823
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$392,690.28	1,027,129	0.3823

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$392,690.28
TOTAL KWH	1,027,129
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3823

WHUC CALCULATIONS:

0.3823	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.2899 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 2024

HELCO BILLING PERIOD:

07/09/24 - 08/06/24

685283 QUEEN KAAHUMANU HWY BLDG 1 STP	37,496.59
SPS #1	5,119.57
SPS#2	1,265.95
SPS#3	923.03
 GRAND TOTAL	 <u>\$44,805.14</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$44,805.14
PREVIOUS MONTH TOTAL METERED TG	<u>83,402</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5372

WHUC CALCULATIONS:

0.5372	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X	
1.06385	PSC/PUC fee = 0.5715

**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: SEPTEMBER 2024

HELCO BILLING PERIOD:

07/09/24 - 08/06/24

685283 Queen Kaahumanu Hwy Bldg 1 IRR Pump 2 3	11,308.68	27,900	0.4053
Nursery Well	4,061.19	9,448	0.4298
51' Well	1,837.08	3,880	0.4735
 SUBTOTAL	<hr/> \$17,206.95	<hr/> 41,228	0.4174

ENERGY RESOURCES - WIND

GRAND TOTAL	<hr/> \$17,206.95	<hr/> 41,228	0.4174
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POWER COST CALCULATIONS:

TOTAL DOLLARS:

\$17,206.95

TOTAL KWH

41,228

UNIT PRICE FOR ELECTRICITY [\$ / kWh]

\$ 0.4174

WHUC CALCULATIONS:

0.4174

UNIT PRICE FOR ELECTRICITY [\$ / kWh]

x

0.5337

Pump Efficiency Factor [kWh / TG]

x

1.06385

(PSC/PUC fee)

0.2370

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)