

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

04/11/24 - 05/09/24

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	109,413.27	291200	0.3757	
	WAIK WTR WELL #1 PH 1	265.50	497	0.5342	
	WAIK DEEP WELL #2 PUMP (DW-2)	26,380.19	66,900	0.3943	
	WAIK WELL SITE #2/PH 1	153.75	251	0.6125	
	WAIK DEEP WELL #3 PUMP (DW-3)	36,628.88	94,500	0.3876	
	WAIK WELL SITE #3/PH 1 P7X	56.12	23	2.4400	
	WAIK DEEP WELL #4 PUMP (DW-4)	22,539.04	48,800	0.4619	Per Sgreen low KWH ok due to DW-5 back in op
	WAIK DEEP WELL #5 PUMP (DW-5)	47,525.61	123,800	0.3839	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	268.68	504	0.5331	
	WAIK DEEP WELL #7 PUMP (DW-7)	50,304.01	117,300	0.4288	
	WAIK WELL SITE #7/PH 1	160.10	265	0.6042	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,186.39	2524	0.4700	
	WAIK WELL #8 CNTRL BLDG/PH 3	79,584.36	210300	0.3784	

SUBTOTAL	\$374,465.90	956,864	0.3913
----------	--------------	---------	--------

ENERGY RESOURCES - WIND

GRAND TOTAL	\$374,465.90	956,864	0.3913
-------------	--------------	---------	--------

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$374,465.90
TOTAL KWH	956,864
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3913

WHUC CALCULATIONS:

0.3913	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =

2.3440 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: JUNE 2024**

HELCO BILLING PERIOD:

04/09/24 - 05/07/24

685283 QUEEN KAAHUMANU HWY BLDG 1 STP	34,574.09
SPS #1	4,452.04
SPS#2	1,193.54
SPS#3	763.18
 GRAND TOTAL	 <u>\$40,982.85</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$40,982.85
PREVIOUS MONTH TOTAL METERED TG	<u>73,499</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5576

WHUC CALCULATIONS:

0.5576	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X	
1.06385	PSC/PUC fee = 0.5932

**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: JUNE 2024

HELCO BILLING PERIOD:

04/09/24 - 05/07/24

685283 Queen Kaahumanu Hwy Bldg 1 IRR Pump 2 3	11,793.69	29,400	0.4011
Nursery Well	4,313.59	10,186	0.4235
51' Well	1,966.42	4,200	0.4682
 SUBTOTAL	 \$18,073.70	 43,786	 0.4128

ENERGY RESOURCES - WIND

GRAND TOTAL	\$18,073.70	43,786	0.4128
-------------	-------------	--------	--------

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$18,073.70
TOTAL KWH	43,786
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4128

WHUC CALCULATIONS:

0.4128	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) 0.2344

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)**