

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

12/12/23 - 1/10/24

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	115,969.57	300800	0.3855
	WAIK WTR WELL #1 PH 1	279.19	519	0.5379
	WAIK DEEP WELL #2 PUMP (DW-2)	38,922.46	98,100	0.3968
	WAIK WELL SITE #2/PH 1	151.60	243	0.6239
	WAIK DEEP WELL #3 PUMP (DW-3)	46,984.23	119,400	0.3935
	WAIK WELL SITE #3/PH 1 P7X	56.37	37	1.5235
	WAIK DEEP WELL #4 PUMP (DW-4)	57,454.14	145,600	0.3946
	WAIK DEEP WELL #5 PUMP (DW-5)	4,272.56	200	21.3628
	WAIK DEEP WELL #6 PUMP (DW-6)		0	- Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	331.87	633	0.5243
	WAIK DEEP WELL #7 PUMP (DW-7)	24,576.21	37,200	0.6607
	WAIK WELL SITE #7/PH 1	186.27	318	0.5858
	WAIK WELL #8 CNTRL BLDG/PH 1	1,336.39	2806	0.4763
	WAIK WELL #8 CNTRL BLDG/PH 3	92,060.26	240300	0.3831
	SUBTOTAL	\$382,581.12	946,156	0.4044
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$382,581.12	946,156	0.4044

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$382,581.12
TOTAL KWH	946,156
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4044

WHUC CALCULATIONS:

0.4044	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	2.4219 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: FEBRUARY 2024**

HELCO BILLING PERIOD:

12/08/23 - 01/08/24

Anaehoomalu STP	40,002.36
SPS #1	5,580.99
SPS#2	1,323.32
SPS#3	955.27
GRAND TOTAL	<u>\$47,861.94</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$47,861.94
PREVIOUS MONTH TOTAL METERED TG	<u>85,153</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5621

WHUC CALCULATIONS:

0.5621	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X	
1.06385	PSC/PUC fee = 0.5980

**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: FEBRUARY 2024**

HELCO BILLING PERIOD:

12/08/23 - 01/08/24

Irrigation Wells 1,2,3	11,272.21	27,400	0.4114
Nursery Well	3,909.75	8,922	0.4382
51' Well	2,221.76	4,680	0.4747
 SUBTOTAL	 \$17,403.72	 41,002	 0.4245

ENERGY RESOURCES - WIND

GRAND TOTAL	\$17,403.72	41,002	0.4245
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$17,403.72
TOTAL KWH	41,002
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4245

WHUC CALCULATIONS:

0.4245	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2410

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)**