

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2023**

11/11/2022 - 12/12/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	123,486.09	322400	0.3830
	WAIK WTR WELL #1 PH 1	293.19	562	0.5217
	WAIK DEEP WELL #2 PUMP (DW-2)	22,816.82	56,400	0.4046
	WAIK WELL SITE #2/PH 1	154.68	259	0.5972
	WAIK DEEP WELL #3 PUMP (DW-3)	4,360.41	8,400	0.5191
	WAIK WELL SITE #3/PH 1 P7X	51.28	24	2.1367
	WAIK DEEP WELL #4 PUMP (DW-4)	7,899.66	10,400	0.7596
	WAIK DEEP WELL #5 PUMP (DW-5)	47,839.03	122,200	0.3915
	WAIK DEEP WELL #6 PUMP (DW-6)	79,575.72	202,200	0.3935
	WAIK WELL SITE #6/AUXILIARY	271.70	515	0.5276
	WAIK DEEP WELL #7 PUMP (DW-7)	23,942.75	37,200	0.6436
	WAIK WELL SITE #7/PH 1	214.10	389	0.5504
	WAIK WELL #8 CNTRL BLDG/PH 1	139.14	225	0.6184
	WAIK WELL #8 CNTRL BLDG/PH 3	96,800.32	253500	0.3819
	SUBTOTAL	\$407,844.89	1,014,674	0.4019

ENERGY RESOURCES - WIND

GRAND TOTAL	\$407,844.89	1,014,674	0.4019
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$407,844.89
TOTAL KWH	1,014,674
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4019

WHUC CALCULATIONS:

0.4019	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.4075 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 2023**

HELCO BILLING PERIOD:
11/08/22 - 12/08/22

Anaehoomalu STP ✓	36,705.30 ✓
SPS #1 ✓	5,107.73 ✓
SPS#2 ✓	1,049.76 ✓
SPS#3 ✓	921.73 ✓
 GRAND TOTAL	 \$43,784.52

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$43,784.52
PREVIOUS MONTH TOTAL METERED TG	81,634 ✓
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5364

WHUC CALCULATIONS:

0.5364		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X		
1.06385	PSC/PUC fee =	0.5706 ✓

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)

**POWER COST CHARGE
PER TG (WHUC)**

PREPARED BY: 
ERIN KAHOLOA'A

1.03.23
DATE

APPROVED BY: 
AGNES CARLOS

1/4/2023
DATE

APPROVED BY: 
ROBERT STOUT

1/5/2023
DATE

**WEST HAWAII UTILITY COMPANY - IRRIGATION
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2023**

HELCO BILLING PERIOD:

11/08/22 - 12/08/22

Irrigation Wells 1,2,3	7,775.53	18,400	0.4226
Nursery Well	3,810.04	8,754	0.4352
51' Well	2,373.95	4,840	0.4905
 SUBTOTAL	 \$13,959.52	 31,994	 0.4363

ENERGY RESOURCES - WIND

 GRAND TOTAL	 \$13,959.52	 31,994	 0.4363
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,959.52		
TOTAL KWH	31,994		
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4363		

WHUC CALCULATIONS:

0.4363		UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x		
0.5337		Pump Efficiency Factor [kWh / TG]
x		
1.06385		(PSC/PUC fee) = 0.2477

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)**