

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

2/10/23 - 3/13/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	123,872.79	320800	0.3861
	WAIK WTR WELL #1 PH 1	294.13	559	0.5262
	WAIK DEEP WELL #2 PUMP (DW-2)	6,205.51	12,900	0.4810
	WAIK WELL SITE #2/PH 1	160.39	269	0.5962
	WAIK DEEP WELL #3 PUMP (DW-3)	4,012.86	4,800	0.8360
	WAIK WELL SITE #3/PH 1 P7X	51.33	25	2.0532
	WAIK DEEP WELL #4 PUMP (DW-4)	3,983.46	6,400	0.6224
	WAIK DEEP WELL #5 PUMP (DW-5)	3,972.26	0	-
	WAIK DEEP WELL #6 PUMP (DW-6)	54,150.03	127,200	0.4257
	WAIK WELL SITE #6/AUXILIARY	322.72	621	0.5197
	WAIK DEEP WELL #7 PUMP (DW-7)	55,794.28	129,300	0.4315
	WAIK WELL SITE #7/PH 1	248.94	461	0.5400
	WAIK WELL #8 CNTRL BLDG/PH 1	127.65	198	0.6447
	WAIK WELL #8 CNTRL BLDG/PH 3	97,077.09	252000	0.3852
	SUBTOTAL	\$350,273.44	855,533	0.4094

ENERGY RESOURCES - WIND

GRAND TOTAL	\$350,273.44	855,533	0.4094
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$350,273.44
TOTAL KWH	855,533
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4094

WHUC CALCULATIONS:

0.4094	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.4522 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 2023**

HELCO BILLING PERIOD:

2/08/23 - 3/09/23

Anaehoomalu STP	36,462.14
SPS #1	5,784.15
SPS#2	1,019.38
SPS#3	1,369.81
 GRAND TOTAL	 <u>\$44,635.48</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$44,635.48
PREVIOUS MONTH TOTAL METERED TG	63,025
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 0.7082</u>

WHUC CALCULATIONS:

0.7082	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = 0.7534

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)**

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

HELCO BILLING PERIOD:

2/8/23 - 3/9/23

Irrigation Wells 1,2,3	6,811.74	15,900	0.4284
Nursery Well	3,730.76	8,486	0.4396
51' Well	864.93	1,160	0.7456
SUBTOTAL	\$11,407.43	25,546	0.4465

ENERGY RESOURCES - WIND

GRAND TOTAL	\$11,407.43	25,546	0.4465
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$11,407.43
TOTAL KWH	25,546
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4465

WHUC CALCULATIONS:

0.4465	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2535

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)**