

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

5/12/23 - 6/10/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	106,944.47	296800	0.3603
	WAIK WTR WELL #1 PH 1	258.55	507	0.5100
	WAIK DEEP WELL #2 PUMP (DW-2)	56,197.01	152,700	0.3680
	WAIK WELL SITE #2/PH 1	142.44	241	0.5910
	WAIK DEEP WELL #3 PUMP (DW-3)	32,606.90	87,600	0.3722
	WAIK WELL SITE #3/PH 1 P7X	52.63	26	2.0242
	WAIK DEEP WELL #4 PUMP (DW-4)	40,449.87	108,000	0.3745
	WAIK DEEP WELL #5 PUMP (DW-5)	4,073.16	200	20.3658
	WAIK DEEP WELL #6 PUMP (DW-6)	10,235.77	0	-
	WAIK WELL SITE #6/AUXILIARY	250.24	488	0.5128
	WAIK DEEP WELL #7 PUMP (DW-7)	26,501.70	47,700	0.5556
	WAIK WELL SITE #7/PH 1	172.56	310	0.5566
	WAIK WELL #8 CNTRL BLDG/PH 1	291.29	582	0.5005
	WAIK WELL #8 CNTRL BLDG/PH 3	86,731.57	242700	0.3574
	SUBTOTAL	\$364,908.16	937,854	0.3891

ENERGY RESOURCES - WIND

GRAND TOTAL	\$364,908.16	937,854	0.3891
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$364,908.16
TOTAL KWH	937,854
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3891

WHUC CALCULATIONS:

0.3891	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	2.3304 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: JULY 2023**

HELCO BILLING PERIOD:

5/10/23 - 6/08/23

Anaehoomalu STP	35,447.72
SPS #1	5,246.70
SPS#2	989.63
SPS#3	867.23

GRAND TOTAL	\$42,551.28
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POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$42,551.28
PREVIOUS MONTH TOTAL METERED TG	84,488
UNIT PRICE FOR METERED WATER SALES (\$ / TG)	\$ 0.5036

WHUC CALCULATIONS:

0.5036	UNIT PRICE FOR METERED WATER SALES (\$ / TG)
x	
1.06385	PSC/PUC fee = 0.5358

**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: JULY 2023**

HELCO BILLING PERIOD:

5/10/23 - 6/08/23

Irrigation Wells 1,2,3	11,239.88	29,100	0.3863
Nursery Well	3,544.38	8,542	0.4149
51' Well	350.00	0	-
 SUBTOTAL	 \$15,134.26	 37,642	 0.4021

ENERGY RESOURCES - WIND

 GRAND TOTAL	 \$15,134.26	 37,642	 0.4021
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$15,134.26
TOTAL KWH	37,642
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4021

WHUC CALCULATIONS:

0.4021	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2283

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)**