

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

3/14/23 - 4/12/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	116,125.20	300000	0.3871
	WAIK WTR WELL #1 PH 1	277.65	525	0.5289
	WAIK DEEP WELL #2 PUMP (DW-2)	14,041.75	33,300	0.4217
	WAIK WELL SITE #2/PH 1	146.19	239	0.6117
	WAIK DEEP WELL #3 PUMP (DW-3)	4,012.86	4,200	0.9554
	WAIK WELL SITE #3/PH 1 P7X	51.33	22	2.3332
	WAIK DEEP WELL #4 PUMP (DW-4)	4,939.34	10,000	0.4939
	WAIK DEEP WELL #5 PUMP (DW-5)	3,972.26	400	9.9307
	WAIK DEEP WELL #6 PUMP (DW-6)	74,346.45	186,300	0.3991
	WAIK WELL SITE #6/AUXILIARY	250.53	466	0.5376
	WAIK DEEP WELL #7 PUMP (DW-7)	55,058.97	127,800	0.4308
	WAIK WELL SITE #7/PH 1	181.59	316	0.5747
	WAIK WELL #8 CNTRL BLDG/PH 1	127.35	198	0.6432
	WAIK WELL #8 CNTRL BLDG/PH 3	93,814.66	243900	0.3846
	SUBTOTAL	\$367,346.13	907,666	0.4047

ENERGY RESOURCES - WIND

GRAND TOTAL	\$367,346.13	907,666	0.4047
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$367,346.13
TOTAL KWH	907,666
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4047

WHUC CALCULATIONS:

0.4047	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.4240 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: MAY 2023**

HELCO BILLING PERIOD:

3/10/23 - 4/10/23

Anaehoomalu STP	40,439.84
SPS #1	6,435.93
SPS#2	1,079.98
SPS#3	1,648.09

GRAND TOTAL	\$49,603.84
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POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$49,603.84
PREVIOUS MONTH TOTAL METERED TG	85,270
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5817

WHUC CALCULATIONS:

0.5817	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = 0.6189

**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: MAY 2023**

HELCO BILLING PERIOD:

3/10/23 - 4/10-23

Irrigation Wells 1,2,3	11,037.42	26,800	0.4118
Nursery Well	3,936.31	9,009	0.4369
51' Well	1,688.71	3,240	0.5212
SUBTOTAL	\$16,662.44	39,049	0.4267

ENERGY RESOURCES - WIND

GRAND TOTAL	\$16,662.44	39,049	0.4267
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$16,662.44
TOTAL KWH	39,049
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4267

WHUC CALCULATIONS:

0.4267	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2423

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)**