

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: MAY 2022**

3/12/22 - 4/11/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	110,337.50	296000	0.3728
	WAIK WTR WELL #1 PH 1	279.24	545	0.5124
	WAIK DEEP WELL #2 PUMP (DW-2)	22,441.69	57,300	0.3917
	WAIK WELL SITE #2/PH 1	169.62	299	0.5673
	WAIK DEEP WELL #3 PUMP (DW-3)	3,920.99	3,600	1.0892
	WAIK WELL SITE #3/PH 1 P7X	51.36	16	3.2100
	WAIK DEEP WELL #4 PUMP (DW-4)	12,482.82	30,800	0.4053
	WAIK DEEP WELL #5 PUMP (DW-5)	33,620.84	87,800	0.3829
	WAIK DEEP WELL #6 PUMP (DW-6)	74,181.23	194,100	0.3822
	WAIK WELL SITE #6/AUXILIARY	242.72	463	0.5242
	WAIK DEEP WELL #7 PUMP (DW-7)	44,913.17	102,600	0.4378
	WAIK WELL SITE #7/PH 1	215.97	403	0.5359
	WAIK WELL #8 CNTRL BLDG/PH 1	514.60	1073	0.4796
	WAIK WELL #8 CNTRL BLDG/PH 3	94,280.83	255900	0.3684
	SUBTOTAL	\$397,652.58	1,030,899	0.3857

ENERGY RESOURCES - WIND

GRAND TOTAL	\$397,652.58	1,030,899	0.3857
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$397,652.58
TOTAL KWH	1,030,899
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3857

WHUC CALCULATIONS:

0.3857	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.3103 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 2022

HELCO BILLING PERIOD:

3/10/22 - 4/07/22

Anaehoomalu STP	35,694.51
SPS #1	4,733.45
SPS#2	980.84
SPS#3	805.82
GRAND TOTAL	\$42,214.62

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$42,214.62
PREVIOUS MONTH TOTAL METERED TG	85,227
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4953

WHUC CALCULATIONS:

0.4953		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x		
1.06385	PSC/PUC fee	= 0.5269

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: MAY 2022**

HELCO BILLING PERIOD:

3/10/22 - 4/07/22

Irrigation Wells 1,2,3	11,363.91	29,000	0.3919
Nursery Well	3,432.68	8,099	0.4238
51' Well	2,044.11	4,360	0.4688
 SUBTOTAL	\$16,840.70	41,459	0.4062

ENERGY RESOURCES - WIND

 GRAND TOTAL	\$16,840.70	41,459	0.4062
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$16,840.70
TOTAL KWH	41,459
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4062

WHUC CALCULATIONS:

0.4062	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2306

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)**