

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

08/11/23 - 09/11/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	109,361.87	323200	0.3384
	WAIK WTR WELL #1 PH 1	276.04	562	0.4912
	WAIK DEEP WELL #2 PUMP (DW-2)	62,690.77	169,200	0.3705
	WAIK WELL SITE #2/PH 1	150.36	264	0.5695
	WAIK DEEP WELL #3 PUMP (DW-3)	63,105.62	172,800	0.3652
	WAIK WELL SITE #3/PH 1 P7X	55.19	31	1.7803
	WAIK DEEP WELL #4 PUMP (DW-4)	60,181.16	171,400	0.3511
	WAIK DEEP WELL #5 PUMP (DW-5)	4,270.66	0	-
	WAIK DEEP WELL #6 PUMP (DW-6)		0	- Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	241.05	479	0.5032
	WAIK DEEP WELL #7 PUMP (DW-7)	27,715.70	53,400	0.5190
	WAIK WELL SITE #7/PH 1	178.20	330	0.5400
	WAIK WELL #8 CNTRL BLDG/PH 1	1,144.29	2621	0.4366
	WAIK WELL #8 CNTRL BLDG/PH 3	87,322.51	259800	0.3361
	SUBTOTAL	\$416,693.42	1,154,087	0.3611
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$416,693.42	1,154,087	0.3611

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$416,693.42
TOTAL KWH	1,154,087
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3611

WHUC CALCULATIONS:

0.3611	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	2.1626 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: October 2023**

HELCO BILLING PERIOD:

08/09/23 - 09/07/23

Anaehoomalu STP	32,592.91
SPS #1	4,654.60
SPS#2	1,196.64
SPS#3	876.38
GRAND TOTAL	\$39,320.53

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$39,320.53
PREVIOUS MONTH TOTAL METERED TG	91,915
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4278

WHUC CALCULATIONS:

0.4278		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X		
1.06385	PSC/PUC fee =	0.4551

**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: OCTOBER 2023**

HELCO BILLING PERIOD:

08/09/23 - 09/07/23

Irrigation Wells 1,2,3	11,256.33	30,700	0.3667
Nursery Well	3,149.76	7,793	0.4042
51' Well	350.00	0	-
 SUBTOTAL	 \$14,756.09	 38,493	 0.3833

ENERGY RESOURCES - WIND

 GRAND TOTAL	 \$14,756.09	 38,493	 0.3833
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,756.09
TOTAL KWH	38,493
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3833

WHUC CALCULATIONS:

0.3833		UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x		
0.5337		Pump Efficiency Factor [kWh / TG]
x		
1.06385		(PSC/PUC fee) = 0.2177

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)**