

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

10/12/23 - 11/09/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	107,479.73	293600	0.3661	
	WAIK WTR WELL #1 PH 1	262.04	502	0.5220	
	WAIK DEEP WELL #2 PUMP (DW-2)	45,776.23	122,100	0.3749	
	WAIK WELL SITE #2/PH 1	98.10	133	0.7376	
	WAIK DEEP WELL #3 PUMP (DW-3)	53,403.00	143,400	0.3724	
	WAIK WELL SITE #3/PH 1 P7X	55.19	32	1.7247	
	WAIK DEEP WELL #4 PUMP (DW-4)	52,882.51	140,600	0.3761	
	WAIK DEEP WELL #5 PUMP (DW-5)	4,264.64	200	21.3232	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	248.25	471	0.5271	
	WAIK DEEP WELL #7 PUMP (DW-7)	26,935.24	47,100	0.5719	
	WAIK WELL SITE #7/PH 1	170.98	297	0.5757	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,036.31	2245	0.4616	
	WAIK WELL #8 CNTRL BLDG/PH 3	85,810.82	236100	0.3635	
	SUBTOTAL	\$378,423.04	986,780	0.3835	
ENERGY RESOURCES - WIND					
	GRAND TOTAL	\$378,423.04	986,780	0.3835	

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$378,423.04
TOTAL KWH	986,780
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3835

WHUC CALCULATIONS:

0.3835	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.2969 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: DECEMBER 2023**

HELCO BILLING PERIOD:

10/07/23 - 11/07/23

Anaehoomalu STP	36,281.50
SPS #1	5,122.05
SPS#2	1,265.88
SPS#3	880.75
GRAND TOTAL	\$43,550.18

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$43,550.18
PREVIOUS MONTH TOTAL METERED TG	75,815
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5744

WHUC CALCULATIONS:

0.5744		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
X			
1.06385		PSC/PUC fee =	0.6111

**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: December 2023

HELCO BILLING PERIOD:

10/07/23 - 11/07/23

Irrigation Wells 1,2,3	12,603.95	32,700	0.3854
Nursery Well	3,642.01	8,714	0.4179
51' Well	74.52	40	1.8630
 SUBTOTAL	<u>\$16,320.48</u>	<u>41,454</u>	0.3937

ENERGY RESOURCES - WIND

GRAND TOTAL	<u>\$16,320.48</u>	<u>41,454</u>	0.3937
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$16,320.48
TOTAL KWH	41,454
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3937

WHUC CALCULATIONS:

0.3937	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2235

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)**