

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: MARCH 2024**

01/11/24 - 02/08/24

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	113,091.83	292800	0.3862	
	WAIK WTR WELL #1 PH 1	272.03	502	0.5419	
	WAIK DEEP WELL #2 PUMP (DW-2)	26,516.37	65,700	0.4036	
	WAIK WELL SITE #2/PH 1	148.93	236	0.6311	
	WAIK DEEP WELL #3 PUMP (DW-3)	30,344.24	75,900	0.3998	
	WAIK WELL SITE #3/PH 1 P7X	56.12	29	1.9352	
	WAIK DEEP WELL #4 PUMP (DW-4)	43,791.73	109,800	0.3988	
	WAIK DEEP WELL #5 PUMP (DW-5)	16,045.95	38,800	0.4136	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	351.16	673	0.5218	
	WAIK DEEP WELL #7 PUMP (DW-7)	21,224.49	27,000	0.7861	
	WAIK WELL SITE #7/PH 1	186.88	318	0.5877	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,243.39	2601	0.4780	
	WAIK WELL #8 CNTRL BLDG/PH 3	86,853.64	225000	0.3860	
	SUBTOTAL	\$340,126.76	839,359	0.4052	
ENERGY RESOURCES - WIND					
	GRAND TOTAL	\$340,126.76	839,359	0.4052	

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$340,126.76
TOTAL KWH	839,359
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4052

WHUC CALCULATIONS:

0.4052	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	2.4271 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: MARCH 2024**

HELCO BILLING PERIOD:

01/09/24 - 02/06/24

Anaehoomalu STP	35,319.38
SPS #1	4,881.75
SPS#2	1,236.09
SPS#3	832.91
GRAND TOTAL	\$42,270.13

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$42,270.13
PREVIOUS MONTH TOTAL METERED TG	74,579
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5668

WHUC CALCULATIONS:

0.5668		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.6030

**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: MARCH 2024**

HELCO BILLING PERIOD:

01/09/24 - 02/06/24

Irrigation Wells 1,2,3	9,919.24	23,800	0.4168
Nursery Well	3,104.90	6,794	0.4570
51' Well	1,725.08	3,720	0.4637
 SUBTOTAL	 \$14,749.22	 34,314	 0.4298

ENERGY RESOURCES - WIND

 GRAND TOTAL	 \$14,749.22	 34,314	 0.4298
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,749.22
TOTAL KWH	34,314
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4298

WHUC CALCULATIONS:

0.4298		UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x		
0.5337		Pump Efficiency Factor [kWh / TG]
x		
1.06385		(PSC/PUC fee) = 0.2440