

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

11/10/23 - 12/11/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	123,809.23	323200	0.3831	
	WAIK WTR WELL #1 PH 1	294.50	552	0.5335	
	WAIK DEEP WELL #2 PUMP (DW-2)	41,366.77	104,400	0.3962	
	WAIK WELL SITE #2/PH 1	157.51	256	0.6153	
	WAIK DEEP WELL #3 PUMP (DW-3)	51,495.58	131,100	0.3928	
	WAIK WELL SITE #3/PH 1 P7X	62.19	50	1.2438	
	WAIK DEEP WELL #4 PUMP (DW-4)	63,517.07	161,200	0.3940	
	WAIK DEEP WELL #5 PUMP (DW-5)	4,249.57	0	-	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	309.30	584	0.5296	
	WAIK DEEP WELL #7 PUMP (DW-7)	25,072.43	38,700	0.6479	
	WAIK WELL SITE #7/PH 1	196.85	341	0.5773	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,304.72	2735	0.4770	
	WAIK WELL #8 CNTRL BLDG/PH 3	93,739.75	244800	0.3829	
	SUBTOTAL	<u>\$405,575.47</u>	<u>1,007,918</u>	0.4024	

ENERGY RESOURCES - WIND

GRAND TOTAL	<u>\$405,575.47</u>	<u>1,007,918</u>	0.4024
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$405,575.47
TOTAL KWH	<u>1,007,918</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4024

WHUC CALCULATIONS:

0.4024	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	2.4101 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: JANURAY 2024

HELCO BILLING PERIOD:

11/08/23 - 12/07/23

Anaehoomalu STP	36,061.76
SPS #1	4,999.80
SPS#2	1,456.41
SPS#3	877.82
GRAND TOTAL	\$43,395.79

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$43,395.79
PREVIOUS MONTH TOTAL METERED TG	79,166
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5482

WHUC CALCULATIONS:

0.5482		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.5832

**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: JANUARY 2024

HELCO BILLING PERIOD:

11/08/23 - 12/07/23

Irrigation Wells 1,2,3	10,219.47	24,600	0.4154
Nursery Well	3,740.95	8,464	0.4420
51' Well	1,206.89	1,960	0.6158
SUBTOTAL	\$15,167.31	35,024	0.4331

ENERGY RESOURCES - WIND

GRAND TOTAL	\$15,167.31	35,024	0.4331
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$15,167.31
TOTAL KWH	35,024
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4331

WHUC CALCULATIONS:

0.4331	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2459

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)**