

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

10/12/22 - 11/10/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	62,996.05	141600	0.4449
	WAIK WTR WELL #1 PH 1	281.93	521	0.5411
	WAIK DEEP WELL #2 PUMP (DW-2)	21,696.34	51,600	0.4205
	WAIK WELL SITE #2/PH 1	148.03	237	0.6246
	WAIK DEEP WELL #3 PUMP (DW-3)	4,011.94	3,900	1.0287
	WAIK WELL SITE #3/PH 1 P7X	51.28	22	2.3309
	WAIK DEEP WELL #4 PUMP (DW-4)	13,131.12	30,400	0.4319
	WAIK DEEP WELL #5 PUMP (DW-5)	55,603.90	137,600	0.4041
	WAIK DEEP WELL #6 PUMP (DW-6)	82,068.17	201,600	0.4071
	WAIK WELL SITE #6/AUXILIARY	208.86	366	0.5707
	WAIK DEEP WELL #7 PUMP (DW-7)	66,907.65	156,900	0.4264
	WAIK WELL SITE #7/PH 1	211.69	372	0.5691
	WAIK WELL #8 CNTRL BLDG/PH 1	215.46	380	0.5670
	WAIK WELL #8 CNTRL BLDG/PH 3	97,069.10	244800	0.3965
	SUBTOTAL	\$404,601.52	970,298	0.4170

ENERGY RESOURCES - WIND

GRAND TOTAL	\$404,601.52	970,298	0.4170
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$404,601.52
TOTAL KWH	970,298
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4170

WHUC CALCULATIONS:

0.4170	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	2.4975 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 2022**

HELCO BILLING PERIOD:

10/7/22 - 11/7/22

Anaehoomalu STP	40,423.52
SPS #1	5,413.45
SPS#2	1,090.06
SPS#3	934.38
 GRAND TOTAL	 <u>\$47,861.41</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$47,861.41
PREVIOUS MONTH TOTAL METERED TG	<u>74,523</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.6422

WHUC CALCULATIONS:

0.6422	X	1.06385	=	0.6832
				0.6832

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: DECEMBER 2022**

HELCO BILLING PERIOD:

10/7/22 - 11/7/22

Irrigation Wells 1,2,3	7,952.81	18,400	0.4322
Nursery Well	3,696.64	8,121	0.4552
51' Well	2,373.95	4,840	0.4905
 SUBTOTAL	 \$14,023.40	 31,361	 0.4472

ENERGY RESOURCES - WIND

 GRAND TOTAL	 \$14,023.40	 31,361	 0.4472
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,023.40
TOTAL KWH	31,361
UNIT PRICE FOR ELECTRICITY (\$ / kWh)	\$ 0.4472

WHUC CALCULATIONS:

0.4472	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
0.5337	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	(PSC/PUC fee) =	0.2539

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)**