

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

9/10/22 - 10/11/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	28,717.78	44800	0.6410
	WAIK WTR WELL #1 PH 1	300.73	549	0.5478
	WAIK DEEP WELL #2 PUMP (DW-2)	29,268.60	69,000	0.4242
	WAIK WELL SITE #2/PH 1	158.63	254	0.6245
	WAIK DEEP WELL #3 PUMP (DW-3)	4,011.94	6,900	0.5814
	WAIK WELL SITE #3/PH 1 P7X	51.28	29	1.7683
	WAIK DEEP WELL #4 PUMP (DW-4)	18,402.55	42,600	0.4320
	WAIK DEEP WELL #5 PUMP (DW-5)	73,464.32	178,200	0.4123
	WAIK DEEP WELL #6 PUMP (DW-6)	89,219.24	215,700	0.4136
	WAIK WELL SITE #6/AUXILIARY	227.52	397	0.5731
	WAIK DEEP WELL #7 PUMP (DW-7)	96,224.23	233,100	0.4128
	WAIK WELL SITE #7/PH 1	227.99	398	0.5728
	WAIK WELL #8 CNTRL BLDG/PH 1	564.21	1096	0.5148
	WAIK WELL #8 CNTRL BLDG/PH 3	105,295.73	260400	0.4044
	SUBTOTAL	\$446,134.75	1,053,423	0.4235

ENERGY RESOURCES - WIND

GRAND TOTAL	\$446,134.75	1,053,423	0.4235
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$446,134.75
TOTAL KWH	1,053,423
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4235

WHUC CALCULATIONS:

0.4235	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.5366 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: NOVEMBER 2022**

HELCO BILLING PERIOD:
9/08/22 - 10/06/22

Anaehoomalu STP	35,640.42
SPS #1	4,896.47
SPS#2	1,027.22
SPS#3	853.28
 GRAND TOTAL	 \$42,417.39

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$42,417.39
PREVIOUS MONTH TOTAL METERED TG	85,045
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4988

WHUC CALCULATIONS:

0.4988		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.5306

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: NOVEMBER 2022

HELCO BILLING PERIOD:

9/08/22 - 10/06/22

Irrigation Wells 1,2,3	7,563.42	16,800	0.4502
Nursery Well	3,499.89	7,475	0.4682
51' Well	2,019.73	3,880	0.5205
 SUBTOTAL	\$13,083.04	28,155	0.4647

ENERGY RESOURCES - WIND

GRAND TOTAL	\$13,083.04	28,155	0.4647
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,083.04
TOTAL KWH	28,155
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4647

WHUC CALCULATIONS:

0.4647	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2638

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)**