

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

5/12/22 - 6/10/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	115,892.94	273600	0.4236
	WAIK WTR WELL #1 PH 1	293.79	522	0.5628
	WAIK DEEP WELL #2 PUMP (DW-2)	23,306.83	52,800	0.4414
	WAIK WELL SITE #2/PH 1	174.43	280	0.6230
	WAIK DEEP WELL #3 PUMP (DW-3)	4,013.39	900	4.4593
	WAIK WELL SITE #3/PH 1 P7X	51.36	21	2.4457
	WAIK DEEP WELL #4 PUMP (DW-4)	8,783.29	18,400	0.4774
	WAIK DEEP WELL #5 PUMP (DW-5)	68,058.82	160,200	0.4248
	WAIK DEEP WELL #6 PUMP (DW-6)	83,372.54	194,100	0.4295
	WAIK WELL SITE #6/AUXILIARY	235.60	404	0.5832
	WAIK DEEP WELL #7 PUMP (DW-7)	28,832.97	46,800	0.6161
	WAIK WELL SITE #7/PH 1	215.37	363	0.5933
	WAIK WELL #8 CNTRL BLDG/PH 1	545.31	1032	0.5284
	WAIK WELL #8 CNTRL BLDG/PH 3	102,908.13	246600	0.4173
	SUBTOTAL	\$436,684.77	996,022	0.4384

ENERGY RESOURCES - WIND

GRAND TOTAL	\$436,684.77	996,022	0.4384
--------------------	---------------------	----------------	---------------

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$436,684.77
TOTAL KWH	996,022
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4384

WHUC CALCULATIONS:

0.4384	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.6260 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: JULY 2022**

HELCO BILLING PERIOD:

5/10/22 - 6/08/22

Anaehoomalu STP	39,296.08
SPS #1	5,697.04
SPS#2	1,155.69
SPS#3	905.54
 GRAND TOTAL	<hr/> <u>\$47,054.35</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$47,054.35
PREVIOUS MONTH TOTAL METERED TG	86,235
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<hr/> <u>\$ 0.5457</u>

WHUC CALCULATIONS:

0.5457	X	1.06385	UNIT PRICE FOR METERED WATER SALES [\$ / TG]		
			PSC/PUC fee	=	0.5805

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: JULY 2022**

HELCO BILLING PERIOD:

5/10/22 - 6/08/22

Irrigation Wells 1,2,3	13,209.65	30,100	0.4389
Nursery Well	3,943.90	8,396	0.4697
51' Well	2,386.68	4,680	0.5100
 SUBTOTAL	 \$19,540.23	 43,176	 0.4526

ENERGY RESOURCES - WIND

GRAND TOTAL	\$19,540.23	43,176	0.4526
-------------	-------------	--------	--------

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$19,540.23
TOTAL KWH	43,176
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4526

WHUC CALCULATIONS:

0.4526	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2570

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)**