

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE JANUARY 2022**

11/13/2021-12/13/2021

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	99,123.71	308800	0.3210
	WAIK WTR WELL #1 PH 1	247.81	538	0.4606
	WAIK DEEP WELL #2 PUMP (DW-2)	26,347.28	78,600	0.3352
	WAIK WELL SITE #2/PH 1	142.85	271	0.5271
	WAIK DEEP WELL #3 PUMP (DW-3)	17,381.01	51,000	0.3408
	WAIK WELL SITE #3/PH 1 P7X	51.30	24	2.1375
	WAIK DEEP WELL #4 PUMP (DW-4)	4,531.58	10,800	0.4196
	WAIK DEEP WELL #5 PUMP (DW-5)	4,074.43	200	20.3722
	WAIK DEEP WELL #6 PUMP (DW-6)	69,414.12	211,800	0.3277
	WAIK WELL SITE #6/AUXILIARY	240.72	520	0.4629
	WAIK DEEP WELL #7 PUMP (DW-7)	65,186.90	194,100	0.3358
	WAIK WELL SITE #7/PH 1	151.08	292	0.5174
	WAIK WELL #8 CNTRL BLDG/PH 1	464.80	1090	0.4264
	WAIK WELL #8 CNTRL BLDG/PH 3	25,975.79	56100	0.4630
	SUBTOTAL	\$313,333.38	914,135	0.3428

ENERGY RESOURCES - WIND

GRAND TOTAL	\$313,333.38	914,135	0.3428
--------------------	---------------------	----------------	---------------

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$313,333.38
TOTAL KWH	914,135
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3428

WHUC CALCULATIONS:

0.3428	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.0530 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 JANUARY 2022**

HELCO BILLING PERIOD:

11/10/2021-12/09/2021

Anaehoomalu STP	29,892.65
SPS #1	3,921.26
SPS#2	845.26
SPS#3	689.24
 GRAND TOTAL	 <u>\$35,348.41</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$35,348.41
PREVIOUS MONTH TOTAL METERED TG	80,059
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 0.4415</u>

WHUC CALCULATIONS:

0.4415	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = 0.4697

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 JANUARY 2022**

HELCO BILLING PERIOD:

11/10/21-12/09/21

Irrigation Wells 1,2,3	10,258.31	30,000	0.3419
Nursery Well	2,612.28	6,779	0.3853
51' Well	1,622.56	3,720	0.4362
 SUBTOTAL	 \$14,493.15	 40,499	 0.3579

ENERGY RESOURCES - WIND

GRAND TOTAL	\$14,493.15	40,499	0.3579
-------------	-------------	--------	--------

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,493.15
TOTAL KWH	40,499
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3579

WHUC CALCULATIONS:

0.3579	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2032

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)**