

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: MARCH 2023**

1/12/23 - 2/09/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	111,013.36	290400	0.3823
	WAIK WTR WELL #1 PH 1	260.39	495	0.5260
	WAIK DEEP WELL #2 PUMP (DW-2)	7,467.72	16,500	0.4526
	WAIK WELL SITE #2/PH 1	139.99	229	0.6113
	WAIK DEEP WELL #3 PUMP (DW-3)	4,012.86	4,800	0.8360
	WAIK WELL SITE #3/PH 1 P7X	57.61	47	1.2257
	WAIK DEEP WELL #4 PUMP (DW-4)	6,781.65	12,000	0.5651
	WAIK DEEP WELL #5 PUMP (DW-5)	3,972.26	200	19.8613
	WAIK DEEP WELL #6 PUMP (DW-6)	56,234.55	136,500	0.4120
	WAIK WELL SITE #6/AUXILIARY	271.26	519	0.5227
	WAIK DEEP WELL #7 PUMP (DW-7)	58,824.62	141,300	0.4163
	WAIK WELL SITE #7/PH 1	197.92	357	0.5544
	WAIK WELL #8 CNTRL BLDG/PH 1	116.90	178	0.6567
	WAIK WELL #8 CNTRL BLDG/PH 3	88,137.41	231600	0.3806

	SUBTOTAL	\$337,488.50	835,125	0.4041
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ENERGY RESOURCES - WIND

	GRAND TOTAL	\$337,488.50	835,125	0.4041
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$337,488.50
TOTAL KWH	835,125
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4041

WHUC CALCULATIONS:

0.4041	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	2.4205
		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: MARCH 2023**

HELCO BILLING PERIOD:
1/10/23 - 2/07/23

Anaehoomalu STP	34,689.60
SPS #1	5,349.47
SPS#2	1,002.00
SPS#3	1,038.85
 GRAND TOTAL	 \$42,079.92

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$42,079.92
PREVIOUS MONTH TOTAL METERED TG	70,385
UNIT PRICE FOR METERED WATER SALES (\$ / TG)	\$ 0.5979

WHUC CALCULATIONS:

0.5979		UNIT PRICE FOR METERED WATER SALES (\$ / TG)	
x		PSC/PUC fee	=
1.06385			= 0.6360

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)**

PREPARED BY: *Erin Kaholoa'a*
ERIN KAHOLOA'A

03.01.23
DATE

APPROVED BY: *Agnes Carlos*
AGNES CARLOS

3/2/23
DATE

APPROVED BY: *Robert Stout*
ROBERT STOUT

3/2/2023
DATE

WEST HAWAII UTILITY COMPANY - IRRIGATION
POWER COST CHARGE CALCULATION
EFFECTIVE: MARCH 2023

HELCO BILLING PERIOD:

1/10/23 - 2/07/23

Irrigation Wells 1,2,3	7,302.92	17,400	0.4197
Nursery Well	3,372.16	7,716	0.4370
51' Well	350.00	0	-
 SUBTOTAL	<u>\$11,025.08</u>	<u>25,116</u>	0.4390

ENERGY RESOURCES - WIND

 GRAND TOTAL	<u>\$11,025.08</u>	<u>25,116</u>	0.4390
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$11,025.08
TOTAL KWH	<u>25,116</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4390

WHUC CALCULATIONS:

0.4390	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.2492

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)**

PREPARED BY: 
 ERIN KAHOLOA'A

02/23/23
 DATE

APPROVED BY: 
 AGNES CARLOS

3/2/2023
 DATE

APPROVED BY: 
 ROBERT STOUT

3/2/2023
 DATE