

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

02/11/2022 - 03/11/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	100,466.72	288800	0.3479
	WAIK WTR WELL #1 PH 1	247.05	502	0.4921
	WAIK DEEP WELL #2 PUMP (DW-2)	15,084.15	40,200	0.3752
	WAIK WELL SITE #2/PH 1	145.05	259	0.5600
	WAIK DEEP WELL #3 PUMP (DW-3)	3,920.99	1,500	2.6140
	WAIK WELL SITE #3/PH 1 P7X	51.36	20	2.5680
	WAIK DEEP WELL #4 PUMP (DW-4)	3,995.19	1,800	2.2196
	WAIK DEEP WELL #5 PUMP (DW-5)	4,076.39	0	-
	WAIK DEEP WELL #6 PUMP (DW-6)	57,115.30	154,500	0.3697
	WAIK WELL SITE #6/AUXILIARY	234.46	472	0.4967
	WAIK DEEP WELL #7 PUMP (DW-7)	67,447.30	186,000	0.3626
	WAIK WELL SITE #7/PH 1	186.19	357	0.5215
	WAIK WELL #8 CNTRL BLDG/PH 1	466.13	1024	0.4552
	WAIK WELL #8 CNTRL BLDG/PH 3	81,930.85	237000	0.3457

SUBTOTAL	\$335,367.13	912,434	0.3676
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ENERGY RESOURCES - WIND

GRAND TOTAL	\$335,367.13	912,434	0.3676
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$335,367.13
TOTAL KWH	912,434
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3676

WHUC CALCULATIONS:

0.3676	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.2014 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: APRIL 2022**

HELCO BILLING PERIOD:

2/9/22 - 3/9/22

Anaehoomalu STP	32,803.17
SPS #1	4,190.00
SPS#2	896.40
SPS#3	697.59
GRAND TOTAL	\$38,587.16

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$38,587.16
PREVIOUS MONTH TOTAL METERED TG	75,879
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5085

WHUC CALCULATIONS:

0.5085		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x		
1.06385	PSC/PUC fee	= 0.5410

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: APRIL 2022**

HELCO BILLING PERIOD:

2/09/22 - 3/09/22

Irrigation Wells 1,2,3	10,722.78	29,200	0.3672
Nursery Well	3,273.61	8,213	0.3986
51' Well	1,992.77	4,520	0.4409
 SUBTOTAL	 \$15,989.16	 41,933	 0.3813

ENERGY RESOURCES - WIND

 GRAND TOTAL	 \$15,989.16	 41,933	 0.3813
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$15,989.16
TOTAL KWH	41,933
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3813

WHUC CALCULATIONS:

0.3813	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
0.5337	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	(PSC/PUC fee) =	0.2165

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)**