WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JUNE 2023

4/13/23 - 5/11/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	108,802.63	291200	0.3736
	WAIK WTR WELL #1 PH 1	265.90	515	0.5163
	WAIK DEEP WELL #2 PUMP (DW-2)	46,712.13	122,700	0.3807
	WAIK WELL SITE #2/PH 1	139.75	232	0.6024
	WAIK DEEP WELL #3 PUMP (DW-3)	21,875.99	56,100	0.3899
	WAIK WELL SITE #3/PH 1 P7X	51.33	23	2.2317
	WAIK DEEP WELL #4 PUMP (DW-4)	5,030.66	3,400	1.4796
	WAIK DEEP WELL #5 PUMP (DW-5)	3,972.26	400	9.9307
	WAIK DEEP WELL #6 PUMP (DW-6)	26,496.99	50,400	0.5257
	WAIK WELL SITE #6/AUXILIARY	241.82	461	0.5246
	WAIK DEEP WELL #7 PUMP (DW-7)	53,847.54	129,900	0.4145
	WAIK WELL SITE #7/PH 1	132.62	216	0.6140
	WAIK WELL #8 CNTRL BLDG/PH 1	125.03	199	0.6283
	WAIK WELL #8 CNTRL BLDG/PH 3	87,738.89	236400	0.3711
	SUBTOTAL	$355,433.54	892,146	0.3984
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$355,433.54	892,146	0.3984

POWER COST CALCULATIONS:		
TOTAL DOLLARS:		$355,433.54
TOTAL KWH		892,146
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3984

WHUC CALCULATIONS:

0.3984		UNIT PRICE FOR ELECTRICITY [$ / kWh]
	x	
5.6300		Pump Efficiency Factor [kWh / TG]
	x	
1.06385		PSC/PUC fee = **2.3862** **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: JUNE 2023

HELCO BILLING PERIOD:
4/11/23 - 5/09/23

Anaehoomalu STP	34,594.59
SPS #1	5,194.85
SPS#2	1,064.54
SPS#3	1,134.27
GRAND TOTAL	$41,988.25

POWER COST CALCULATIONS:

PREVIOUS MONTHTOTAL DOLLARS:	$41,988.25
PREVIOUS MONTH TOTAL METERED TG	72,473
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$ 0.5794

WHUC CALCULATIONS:

0.5794		UNIT PRICE FOR METERED WATER SALES [$ / TG]
	x	
1.06385		PSC/PUC fee = 0.6164

POWER COST CHARGE PER TG (WHUC)

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)

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

HELCO BILLING PERIOD:

4/11/23 - 5/09/23

Irrigation Wells 1,2,3	10,056.46	25,200	0.3991
Nursery Well	3,305.51	7,663	0.4314
51' Well	848.71	1,160	0.7316
SUBTOTAL	$14,210.68	34,023	0.4177
ENERGY RESOURCES - WIND			
GRAND TOTAL	$14,210.68	34,023	0.4177

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$14,210.68	
TOTAL KWH	34,023	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.4177	

WHUC CALCULATIONS:

0.4177		UNIT PRICE FOR ELECTRICITY [$ / kWh]
x		
0.5337		Pump Efficiency Factor [kWh / TG]
x		
1.06385	(PSC/PUC fee) =	**0.2371**

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)