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

06/11/23 - 07/12/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	112,134.71	323200	0.3470
	WAIK WTR WELL #1 PH 1	281.04	562	0.5001
	WAIK DEEP WELL #2 PUMP (DW-2)	40,657.33	112,500	0.3614
	WAIK WELL SITE #2/PH 1	193.21	358	0.5397
	WAIK DEEP WELL #3 PUMP (DW-3)	60,946.75	162,300	0.3755
	WAIK WELL SITE #3/PH 1 P7X	55.22	30	1.8407
	WAIK DEEP WELL #4 PUMP (DW-4)	56,091.17	155,600	0.3605
	WAIK DEEP WELL #5 PUMP (DW-5)	4,274.47	200	21.3724
	WAIK DEEP WELL #6 PUMP (DW-6)	10,734.36	0	-
	WAIK WELL SITE #6/AUXILIARY	247.03	483	0.5114
	WAIK DEEP WELL #7 PUMP (DW-7)	22,924.65	36,000	0.6368
	WAIK WELL SITE #7/PH 1	189.78	350	0.5422
	WAIK WELL #8 CNTRL BLDG/PH 1	1,183.48	2658	0.4453
	WAIK WELL #8 CNTRL BLDG/PH 3	88,908.52	258000	0.3446
	SUBTOTAL	$398,821.72	1,052,241	0.3790
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$398,821.72	1,052,241	0.3790

POWER COST CALCULATIONS:

TOTAL DOLLARS:		$398,821.72
TOTAL KWH		1,052,241
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3790

WHUC CALCULATIONS:

0.3790		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	2.2701	**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: August 2023

HELCO BILLING PERIOD:
06/09/23 - 07/10/23

Anaehoomalu STP	37,734.38
SPS #1	5,980.38
SPS#2	1,068.73
SPS#3	963.70
GRAND TOTAL	$45,747.19

POWER COST CALCULATIONS:

PREVIOUS MONTHTOTAL DOLLARS:		$45,747.19
PREVIOUS MONTH TOTAL METERED TG		90,515
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.5054

WHUC CALCULATIONS:

0.5054		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
	x		
1.06385		PSC/PUC fee =	0.5377

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: AUGUST 2023

HELCO BILLING PERIOD:

06/09/23 - 07/10/23

Irrigation Wells 1,2,3	12,220.07	32,600	0.3748
Nursery Well	3,639.07	8,981	0.4052
51' Well	350.00	0	-
SUBTOTAL	$16,209.14	41,581	0.3898
ENERGY RESOURCES - WIND			
GRAND TOTAL	$16,209.14	41,581	0.3898

POWER COST CALCULATIONS:

TOTAL DOLLARS:		$16,209.14
TOTAL KWH		41,581
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3898

WHUC CALCULATIONS:

0.3898	UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x		
0.5337	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	(PSC/PUC fee) =	**0.2213**

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)