WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: OCTOBER 2022

8/11/22 - 9/09/22

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	125,423.37	288800	0.4343
	WAIK WTR WELL #1 PH 1	300.76	523	0.5751
	WAIK DEEP WELL #2 PUMP (DW-2)	42,306.01	95,400	0.4435
	WAIK WELL SITE #2/PH 1	157.13	239	0.6574
	WAIK DEEP WELL #3 PUMP (DW-3)	9,915.91	20,400	0.4861
	WAIK WELL SITE #3/PH 1 P7X	51.28	22	2.3309
	WAIK DEEP WELL #4 PUMP (DW-4)	4,360.78	7,600	0.5738
	WAIK DEEP WELL #5 PUMP (DW-5)	70,633.07	161,600	0.4371
	WAIK DEEP WELL #6 PUMP (DW-6)	96,738.99	221,700	0.4364
	WAIK WELL SITE #6/AUXILIARY	194.04	312	0.6219
	WAIK DEEP WELL #7 PUMP (DW-7)	28,839.20	45,300	0.6366
	WAIK WELL SITE #7/PH 1	220.34	364	0.6053
	WAIK WELL #8 CNTRL BLDG/PH 1	556.61	1029	0.5409
	WAIK WELL #8 CNTRL BLDG/PH 3	106,219.26	246900	0.4302
	SUBTOTAL	$485,916.75	1,090,189	0.4457
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$485,916.75	1,090,189	0.4457

POWER COST CALCULATIONS:		
TOTAL DOLLARS:		$485,916.75
TOTAL KWH		1,090,189
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.4457

WHUC CALCULATIONS:

0.4457		UNIT PRICE FOR ELECTRICITY [$ / kWh]		
	x			
5.6300		Pump Efficiency Factor [kWh / TG]		
	x			
1.06385		PSC/PUC fee	=	2.6696 **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: OCTOBER 2022

HELCO BILLING PERIOD:
8/09/22 - 9/07/22

Anaehoomalu STP	41,017.14
SPS #1	5,567.35
SPS#2	1,284.54
SPS#3	956.01
GRAND TOTAL	$48,825.04

POWER COST CALCULATIONS:

PREVIOUS MONTHTOTAL DOLLARS:		$48,825.04
PREVIOUS MONTH TOTAL METERED TG		96,158
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.5078

WHUC CALCULATIONS:

0.5078		UNIT PRICE FOR METERED WATER SALES [$ / TG]		
	X			
1.06385		PSC/PUC fee	=	**0.5402**

Formula used to calculate PCC

POWER COST CHARGE PER TG (WHUC)

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: OCTOBER 2022

HELCO BILLING PERIOD:

8/09/22 - 9/07/22

Irrigation Wells 1,2,3	8,787.86	18,900	0.4650
Nursery Well	4,009.43	8,213	0.4882
51' Well	2,374.59	4,470	0.5312
SUBTOTAL	$15,171.88	31,583	0.4804
ENERGY RESOURCES - WIND			
GRAND TOTAL	$15,171.88	31,583	0.4804

POWER COST CALCULATIONS:	
TOTAL DOLLARS:	$15,171.88
TOTAL KWH	31,583
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.4804

WHUC CALCULATIONS:

0.4804	UNIT PRICE FOR ELECTRICITY [$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = **0.2727**

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)