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

12/13/2022 - 01/11/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	115,255.87	300800	0.3832
	WAIK WTR WELL #1 PH 1	280.37	537	0.5221
	WAIK DEEP WELL #2 PUMP (DW-2)	8,865.94	20,100	0.4411
	WAIK WELL SITE #2/PH 1	146.76	243	0.6040
	WAIK DEEP WELL #3 PUMP (DW-3)	4,012.28	4,200	0.9553
	WAIK WELL SITE #3/PH 1 P7X	51.30	22	2.3318
	WAIK DEEP WELL #4 PUMP (DW-4)	3,994.08	4,400	0.9077
	WAIK DEEP WELL #5 PUMP (DW-5)	3,971.68	200	19.8584
	WAIK DEEP WELL #6 PUMP (DW-6)	53,005.31	126,000	0.4207
	WAIK WELL SITE #6/AUXILIARY	276.74	529	0.5231
	WAIK DEEP WELL #7 PUMP (DW-7)	58,519.04	139,500	0.4195
	WAIK WELL SITE #7/PH 1	204.48	370	0.5526
	WAIK WELL #8 CNTRL BLDG/PH 1	123.12	191	0.6446
	WAIK WELL #8 CNTRL BLDG/PH 3	88,245.16	230100	0.3835
	SUBTOTAL	$336,952.13	827,192	0.4073
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$336,952.13	827,192	0.4073

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$336,952.13	
TOTAL KWH	827,192	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.4073	

WHUC CALCULATIONS:

0.4073	UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	2.4398 **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: FEBRUARY 2023

HELCO BILLING PERIOD:
12/09/2022 - 01/09/23

Anaehoomalu STP	39,374.61
SPS #1	6,041.52
SPS#2	1,064.35
SPS#3	1,063.51
GRAND TOTAL	$47,543.99

POWER COST CALCULATIONS:

PREVIOUS MONTHTOTAL DOLLARS:		$47,543.99
PREVIOUS MONTH TOTAL METERED TG		78,764
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.6036

WHUC CALCULATIONS:

0.6036		UNIT PRICE FOR METERED WATER SALES [$ / TG]		
	x			
1.06385		PSC/PUC fee	=	**0.6422**

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: FEBRUARY 2023

HELCO BILLING PERIOD:

12/09/2022 - 01/09/2023

Irrigation Wells 1,2,3	6,172.12	14,600	0.4227
Nursery Well	3,728.42	8,585	0.4343
51' Well	1,049.69	1,640	0.6401
SUBTOTAL	$10,950.23	24,825	0.4411
ENERGY RESOURCES - WIND			
GRAND TOTAL	$10,950.23	24,825	0.4411

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$10,950.23
TOTAL KWH	24,825
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.4411

WHUC CALCULATIONS:

0.4411	UNIT PRICE FOR ELECTRICITY [$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = **0.2504**

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)