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

09/12/23 - 10/11/23

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	104,139.34	300000	0.3471	
	WAIK WTR WELL #1 PH 1	262.10	522	0.5021	
	WAIK DEEP WELL #2 PUMP (DW-2)	54,353.35	152,700	0.3559	
	WAIK WELL SITE #2/PH 1	185.62	343	0.5412	
	WAIK DEEP WELL #3 PUMP (DW-3)	53,126.41	149,700	0.3549	
	WAIK WELL SITE #3/PH 1 P7X	55.19	27	2.0441	
	WAIK DEEP WELL #4 PUMP (DW-4)	57,835.85	161,800	0.3575	
	WAIK DEEP WELL #5 PUMP (DW-5)	4,270.66	0	-	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	229.19	445	0.5150	
	WAIK DEEP WELL #7 PUMP (DW-7)	26,733.27	49,200	0.5434	
	WAIK WELL SITE #7/PH 1	171.07	309	0.5536	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,059.44	2388	0.4437	
	WAIK WELL #8 CNTRL BLDG/PH 3	83,330.93	241800	0.3446	
	SUBTOTAL	$385,752.42	1,059,234	0.3642	
ENERGY RESOURCES - WIND					
	GRAND TOTAL	$385,752.42	1,059,234	0.3642	

POWER COST CALCULATIONS:

TOTAL DOLLARS:		$385,752.42
TOTAL KWH		1,059,234
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3642

WHUC CALCULATIONS:

0.3642		UNIT PRICE FOR ELECTRICITY [$ / kWh]		
x				
5.6300		Pump Efficiency Factor [kWh / TG]		
x				
1.06385	PSC/PUC fee	=	**2.1813**	**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: NOVEMBER 2023

HELCO BILLING PERIOD:
09/08/23 - 10/06/23

Anaehoomalu STP	32,099.99
SPS #1	4,294.56
SPS#2	1,052.55
SPS#3	799.29
GRAND TOTAL	$38,246.39

POWER COST CALCULATIONS:

PREVIOUS MONTHTOTAL DOLLARS:		$38,246.39
PREVIOUS MONTH TOTAL METERED TG		81,183
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4711

WHUC CALCULATIONS:

0.4711		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
	x		
1.06385		PSC/PUC fee =	**0.5012**

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: NOVEMBER 2023

HELCO BILLING PERIOD:

09/08/23 - 10/06/23

Irrigation Wells 1,2,3	10,888.68	29,300	0.3716
Nursery Well	3,312.56	8,177	0.4051
51' Well	2,057.08	2,600	0.7912
SUBTOTAL	$16,258.32	40,077	0.4057
ENERGY RESOURCES - WIND			
GRAND TOTAL	$16,258.32	40,077	0.4057

POWER COST CALCULATIONS:

TOTAL DOLLARS:		$16,258.32
TOTAL KWH		40,077
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.4057

WHUC CALCULATIONS:

0.4057		UNIT PRICE FOR ELECTRICITY [$ / kWh]
	x	
0.5337		Pump Efficiency Factor [kWh / TG]
	x	
1.06385		(PSC/PUC fee) = **0.2303**

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)