WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE DECEMBER 2020

10/14/20 - 11/12/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,206.78	0	-
	WAIK WTR WELL #1 PH 1	206.71	511	0.4045
	WAIK DEEP WELL #2 PUMP (DW-2)	20,232.67	73,500	0.2753
	WAIK WELL SITE #2/PH 1	127.73	275	0.4645
	WAIK DEEP WELL #3 PUMP (DW-3)	22,511.67	82,800	0.2719
	WAIK WELL SITE #3/PH 1 P7X	52.24	24	2.1767
	WAIK DEEP WELL #4 PUMP (DW-4)	16,815.37	61,000	0.2757
	WAIK DEEP WELL #5 PUMP (DW-5)	3,773.70	200	18.8685
	WAIK DEEP WELL #6 PUMP (DW-6)	57,096.27	216,300	0.2640
	WAIK WELL SITE #6/AUXILIARY	164.55	385	0.4274
	WAIK DEEP WELL #7 PUMP (DW-7)	67,838.99	262,200	0.2587
	WAIK WELL SITE #7/PH 1	69.53	101	0.6884
	WAIK WELL #8 CNTRL BLDG/PH 1	1,005.46	2898	0.3469
	WAIK WELL #8 CNTRL BLDG/PH 3	45,637.00	136200	0.3351
ENERGY RESOURCES - WIND				-
	SUBTOTAL	$247,738.67	836,394	0.2962
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$247,738.67	836,394	0.2962

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$247,738.67	
TOTAL KWH	836,394	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2962	

WHUC CALCULATIONS:

0.2962		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	1.7741	**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 DECEMBER 2020

HELCO BILLING PERIOD:
10/9/20 - 11/9/20

Anaehoomalu STP	19,595.52
SPS #1	2,470.76
SPS#2	519.07
SPS#3	810.82
ENERGY RESOURCES - WIND	
SUBTOTAL	$23,396.17
ENERGY RESOURCES - WIND	
GRAND TOTAL	$23,396.17

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$23,396.17
PREVIOUS MONTH TOTAL METERED TG		63,431
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.3688

WHUC CALCULATIONS:

0.3688		UNIT PRICE FOR METERED WATER SALES [$ / TG]		
	X			
1.06385		PSC/PUC fee	=	**0.3924**

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: DECEMBER 2020

HELCO BILLING PERIOD:

10/9/20 - 11/9/20

Irrigation Wells 1,2,3	8,995.17	31,900	0.2820
Nursery Well	3,046.39	9,992	0.3049
51' Well	1,563.28	4,360	0.3586
ENERGY RESOURCES - WIND			
SUBTOTAL	$13,604.84	46,252	0.2941
ENERGY RESOURCES - WIND			
GRAND TOTAL	$13,604.84	46,252	0.2941

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$13,604.84
TOTAL KWH	46,252
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2941

WHUC CALCULATIONS:

0.2941	UNIT PRICE FOR ELECTRICITY [$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = **0.1670**

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)