WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: OCTOBER 2020

8/12/20-9/11/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	60,278.91	213600	0.2822
	WAIK WTR WELL #1 PH 1	241.00	601	0.4010
	WAIK DEEP WELL #2 PUMP (DW-2)	26,260.19	94,200	0.2788
	WAIK WELL SITE #2/PH 1	132.87	285	0.4662
	WAIK DEEP WELL #3 PUMP (DW-3)	22,458.72	80,400	0.2793
	WAIK WELL SITE #3/PH 1 P7X	52.87	25	2.1148
	WAIK DEEP WELL #4 PUMP (DW-4)	10,181.54	34,400	0.2960
	WAIK DEEP WELL #5 PUMP (DW-5)	3,745.70	6,200	0.6041
	WAIK DEEP WELL #6 PUMP (DW-6)	64,391.94	243,000	0.2650
	WAIK WELL SITE #6/AUXILIARY	157.50	357	0.4412
	WAIK DEEP WELL #7 PUMP (DW-7)	72,129.80	273,600	0.2636
	WAIK WELL SITE #7/PH 1	69.90	101	0.6921
	WAIK WELL #8 CNTRL BLDG/PH 1			
	WAIK WELL #8 CNTRL BLDG/PH 3			
ENERGY RESOURCES - WIND				
	SUBTOTAL	$260,100.94	946,769	0.2747
			3	
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$260,100.94	946,769	0.2747

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$260,100.94	
TOTAL KWH	946,769	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2747	

WHUC CALCULATIONS:

0.2747		UNIT PRICE FOR ELECTRICITY [$ / kWh]		
x				
5.6300		Pump Efficiency Factor [kWh / TG]		
x				
1.06385	PSC/PUC fee	=	1.6455	**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 2020

HELCO BILLING PERIOD:
8/8/20-9/9/20

Anaehoomalu STP	20,377.07
SPS #1	2,275.91
SPS#2	538.86
SPS#3	867.75
ENERGY RESOURCES - WIND	
SUBTOTAL	$24,059.59
ENERGY RESOURCES - WIND	
GRAND TOTAL	$24,059.59

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$24,059.59
PREVIOUS MONTH TOTAL METERED TG		68,449
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.3515

WHUC CALCULATIONS:

0.3515		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
x			
1.06385	PSC/PUC fee	=	**0.3739**

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: OCTOBER 2020

HELCO BILLING PERIOD:

8/8/20 - 9/9/20

Irrigation Wells 1,2,3	9,537.64	33,300	0.2864
Nursery Well	3,455.52	11,335	0.3049
51' Well	1,756.29	5,000	0.3513
ENERGY RESOURCES - WIND			
SUBTOTAL	$14,749.45	49,635	0.2972
ENERGY RESOURCES - WIND			
GRAND TOTAL	$14,749.45	49,635	0.2972

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$14,749.45	
TOTAL KWH	49,635	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2972	

WHUC CALCULATIONS:

0.2972		UNIT PRICE FOR ELECTRICITY [$ / kWh]
x		
0.5337		Pump Efficiency Factor [kWh / TG]
x		
1.06385	(PSC/PUC fee) =	**0.1687**

Formula used to calculate PCC

POWER COST CHARGE PER TG (WHUC)

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)