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

11/13/19-12/12/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	58,919.93	189600	0.3108
	WAIK WTR WELL #1 PH 1	64.44	83	0.7764
	WAIK DEEP WELL #2 PUMP (DW-2)	4,216.19	300	14.0540
	WAIK WELL SITE #2/PH 1	133.48	273	0.4889
	WAIK DEEP WELL #3 PUMP (DW-3)	29,208.10	88,200	0.3312
	WAIK WELL SITE #3/PH 1 P7X	51.28	24	2.1367
	WAIK DEEP WELL #4 PUMP (DW-4)	6,906.86	20,400	0.3386
	WAIK DEEP WELL #5 PUMP (DW-5)	13,452.79	43,200	0.3114
	WAIK DEEP WELL #6 PUMP (DW-6)	68,649.30	237,600	0.2889
	WAIK WELL SITE #6/AUXILIARY	198.53	452	0.4392
	WAIK DEEP WELL #7 PUMP (DW-7)	72,124.24	248,400	0.2904
	WAIK WELL SITE #7/PH 1	76.42	116	0.6588
ENERGY RESOURCES - WIND				
	SUBTOTAL	$254,001.56	828,648	0.3065
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$254,001.56	828,648	0.3065

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$254,001.56	
TOTAL KWH	828,648	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3065	

WHUC CALCULATIONS:

0.3065		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	1.8359	**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: JANUARY 2020

HELCO BILLING PERIOD:
11/19/19-12/10/19

Anaehoomalu STP	29,990.17
SPS #1	4,901.51
SPS#2	886.85
SPS#3	891.18
ENERGY RESOURCES - WIND	
SUBTOTAL	$36,669.71
ENERGY RESOURCES - WIND	
GRAND TOTAL	$36,669.71

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$36,669.71
PREVIOUS MONTH TOTAL METERED TG		75,061
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4885

WHUC CALCULATIONS:

0.4885		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
	X		
1.06385		PSC/PUC fee =	**0.5197**

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: JANUARY 2020

HELCO BILLING PERIOD:

11/09/19-12/10/19

Irrigation Wells 1,2,3	10,069.79	32,600	0.3089
Nursery Well	3,306.79	9,989	0.3310
51' Well	1,806.94	4,840	0.3733
ENERGY RESOURCES - WIND			
SUBTOTAL	$15,183.52	47,429	0.3201
ENERGY RESOURCES - WIND			
GRAND TOTAL	$15,183.52	47,429	0.3201

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$15,183.52
TOTAL KWH	47,429
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3201

WHUC CALCULATIONS:

0.3201	UNIT PRICE FOR ELECTRICITY [$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = **0.1818**

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)