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

1/14/20-2/11/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	55,018.53	167200	0.3291
	WAIK WTR WELL #1 PH 1	63.20	75	0.8427
	WAIK DEEP WELL #2 PUMP (DW-2)	20,324.31	64,800	0.3136
	WAIK WELL SITE #2/PH 1	143.28	291	0.4924
	WAIK DEEP WELL #3 PUMP (DW-3)	11,353.80	25,200	0.4505
	WAIK WELL SITE #3/PH 1 P7X	52.93	20	2.6465
	WAIK DEEP WELL #4 PUMP (DW-4)	4,488.74	11,600	0.3870
	WAIK DEEP WELL #5 PUMP (DW-5)	10,713.08	32,800	0.3266
	WAIK DEEP WELL #6 PUMP (DW-6)	68,041.73	227,700	0.2988
	WAIK WELL SITE #6/AUXILIARY	246.74	570	0.4329
	WAIK DEEP WELL #7 PUMP (DW-7)	71,107.44	236,400	0.3008
	WAIK WELL SITE #7/PH 1	78.77	117	0.6732
ENERGY RESOURCES - WIND				
	SUBTOTAL	$241,632.55	766,773	0.3151
			3	
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$241,632.55	766,773	0.3151

POWER COST CALCULATIONS:

TOTAL DOLLARS:		$241,632.55
TOTAL KWH		766,773
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3151

WHUC CALCULATIONS:

0.3151		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
	x		
5.6300		Pump Efficiency Factor [kWh / TG]	
	x		
1.06385		PSC/PUC fee =	1.8875 **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: MARCH 2020

HELCO BILLING PERIOD:
1/10/20-2/7/20

Anaehoomalu STP	28,769.31
SPS #1	4,890.07
SPS#2	887.37
SPS#3	1,067.13
ENERGY RESOURCES - WIND	
SUBTOTAL	$35,613.88
ENERGY RESOURCES - WIND	
GRAND TOTAL	$35,613.88

POWER COST CALCULATIONS:

PREVIOUS MONTHTOTAL DOLLARS:		$35,613.88
PREVIOUS MONTH TOTAL METERED TG		72,455
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4915

WHUC CALCULATIONS:

0.4915		UNIT PRICE FOR METERED WATER SALES [$ / TG]
	x	
1.06385		PSC/PUC fee = 0.5229

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: MARCH 2020

HELCO BILLING PERIOD:

1/10/20-2/7/20

Irrigation Wells 1,2,3	9,427.95	29,700	0.3174
Nursery Well	2,964.10	8,567	0.3460
51' Well	1,519.12	3,720	0.4084
ENERGY RESOURCES - WIND			
SUBTOTAL	$13,911.17	41,987	0.3313
ENERGY RESOURCES - WIND			
GRAND TOTAL	$13,911.17	41,987	0.3313

POWER COST CALCULATIONS:	
TOTAL DOLLARS:	$13,911.17
TOTAL KWH	41,987
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3313

WHUC CALCULATIONS:

0.3313		UNIT PRICE FOR ELECTRICITY [$ / kWh]
	x	
0.5337		Pump Efficiency Factor [kWh / TG]
	x	
1.06385		(PSC/PUC fee) = **0.1881**

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)