WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE FEBRUARY 2021

12/15/20-1/13/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,298.98	0	-
	WAIK WTR WELL #1 PH 1	198.87	501	0.3969
	WAIK DEEP WELL #2 PUMP (DW-2)	34,723.85	134,400	0.2584
	WAIK WELL SITE #2/PH 1	127.50	281	0.4537
	WAIK DEEP WELL #3 PUMP (DW-3)	30,958.24	119,700	0.2586
	WAIK WELL SITE #3/PH 1 P7X	51.33	28	1.8332
	WAIK DEEP WELL #4 PUMP (DW-4)	17,889.11	67,600	0.2646
	WAIK DEEP WELL #5 PUMP (DW-5)	3,832.80	200	19.1640
	WAIK DEEP WELL #6 PUMP (DW-6)	-	0	-
	WAIK WELL SITE #6/AUXILIARY	297.18	804	0.3696
	WAIK DEEP WELL #7 PUMP (DW-7)	64,396.07	256,800	0.2508
	WAIK WELL SITE #7/PH 1	71.70	109	0.6578
	WAIK WELL #8 CNTRL BLDG/PH 1	379.26	1057	0.3588
	WAIK WELL #8 CNTRL BLDG/PH 3	61,285.24	246900	0.2482
ENERGY RESOURCES - WIND				-
	SUBTOTAL	$226,510.13	828,380	0.2734
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$226,510.13	828,380	0.2734

POWER COST CALCULATIONS:		
TOTAL DOLLARS:		$226,510.13
TOTAL KWH		828,380
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.2734

WHUC CALCULATIONS:

0.2734		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	1.6377	**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 FEBRUARY 2021

HELCO BILLING PERIOD:
12/11/20-1/11/21

Anaehoomalu STP	20,901.93
SPS #1	2,922.08
SPS#2	592.95
SPS#3	787.68
ENERGY RESOURCES - WIND	
SUBTOTAL	$25,204.64
ENERGY RESOURCES - WIND	
GRAND TOTAL	$25,204.64

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$25,204.64
PREVIOUS MONTH TOTAL METERED TG		65,255
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.3862

WHUC CALCULATIONS:

0.3862		UNIT PRICE FOR METERED WATER SALES [$ / TG]		
x				
1.06385		PSC/PUC fee	=	**0.4109**

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 FEBRUARY 2021

HELCO BILLING PERIOD:

12/11/20-1/11/21

Irrigation Wells 1,2,3	8,539.31	31,500	0.2711
Nursery Well	2,374.66	7,726	0.3074
51' Well	1,523.61	4,360	0.3495
ENERGY RESOURCES - WIND			
SUBTOTAL	$12,437.58	43,586	0.2854
ENERGY RESOURCES - WIND			
GRAND TOTAL	$12,437.58	43,586	0.2854

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$12,437.58	
TOTAL KWH	43,586	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2854	

WHUC CALCULATIONS:

0.2854		UNIT PRICE FOR ELECTRICITY [$ / kWh]
x		
0.5337		Pump Efficiency Factor [kWh / TG]
x		
1.06385	(PSC/PUC fee) =	**0.1620**

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)