WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE JANUARY 2021

11/13/20 - 12/14/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,288.42	0	-
	WAIK WTR WELL #1 PH 1	207.87	529	0.3929
	WAIK DEEP WELL #2 PUMP (DW-2)	28,090.64	108,000	0.2601
	WAIK WELL SITE #2/PH 1	133.29	299	0.4458
	WAIK DEEP WELL #3 PUMP (DW-3)	22,498.90	85,800	0.2622
	WAIK WELL SITE #3/PH 1 P7X	51.30	26	1.9731
	WAIK DEEP WELL #4 PUMP (DW-4)	17,872.59	67,600	0.2644
	WAIK DEEP WELL #5 PUMP (DW-5)	3,832.06	0	-
	WAIK DEEP WELL #6 PUMP (DW-6)	25,672.28	75,300	0.3409
	WAIK WELL SITE #6/AUXILIARY	236.09	616	0.3833
	WAIK DEEP WELL #7 PUMP (DW-7)	68,956.53	279,000	0.2472
	WAIK WELL SITE #7/PH 1	72.30	111	0.6514
	WAIK WELL #8 CNTRL BLDG/PH 1	1,211.09	3622	0.3344
	WAIK WELL #8 CNTRL BLDG/PH 3	63,892.07	259800	0.2459
ENERGY RESOURCES - WIND				-
	SUBTOTAL	$245,015.43	880,703	0.2782
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$245,015.43	880,703	0.2782

POWER COST CALCULATIONS:		
TOTAL DOLLARS:		$245,015.43
TOTAL KWH		880,703
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.2782

WHUC CALCULATIONS:

0.2782		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
	x		
5.6300		Pump Efficiency Factor [kWh / TG]	
	x		
1.06385		PSC/PUC fee =	1.6663 **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 2021

HELCO BILLING PERIOD:
11/10/20 - 12/10/20

Anaehoomalu STP	19,203.53
SPS #1	2,567.78
SPS#2	556.23
SPS#3	826.06
ENERGY RESOURCES - WIND	
SUBTOTAL	$23,153.60
ENERGY RESOURCES - WIND	
GRAND TOTAL	$23,153.60

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$23,153.60
PREVIOUS MONTH TOTAL METERED TG		73,450
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.3152

WHUC CALCULATIONS:

0.3152		UNIT PRICE FOR METERED WATER SALES [$ / TG]
x		
1.06385	PSC/PUC fee =	**0.3354**

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 2021

HELCO BILLING PERIOD:

11/10/20 - 12/10/20

Irrigation Wells 1,2,3	8,586.60	31,600	0.2717
Nursery Well	2,394.18	7,784	0.3076
51' Well	1,647.32	4,840	0.3404
ENERGY RESOURCES - WIND			
SUBTOTAL	$12,628.10	44,224	0.2855
ENERGY RESOURCES - WIND			
GRAND TOTAL	$12,628.10	44,224	0.2855

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$12,628.10
TOTAL KWH	44,224
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2855

WHUC CALCULATIONS:

0.2855	UNIT PRICE FOR ELECTRICITY [$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = **0.1621**

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)