WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE SEPTEMBER 2021

7/14/21-8/11/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	25,098.91	49600	0.5060
	WAIK WTR WELL #1 PH 1	221.24	496	0.4460
	WAIK DEEP WELL #2 PUMP (DW-2)	49,533.05	162,600	0.3046
	WAIK WELL SITE #2/PH 1	136.98	270	0.5073
	WAIK DEEP WELL #3 PUMP (DW-3)	29,132.44	94,200	0.3093
	WAIK WELL SITE #3/PH 1 P7X	51.30	30	1.7100
	WAIK DEEP WELL #4 PUMP (DW-4)	22,201.66	71,200	0.3118
	WAIK DEEP WELL #5 PUMP (DW-5)	35,127.49	114,800	0.3060
	WAIK DEEP WELL #6 PUMP (DW-6)	68,333.02	226,800	0.3013
	WAIK WELL SITE #6/AUXILIARY	165.70	347	0.4775
	WAIK DEEP WELL #7 PUMP (DW-7)	72,732.40	240,900	0.3019
	WAIK WELL SITE #7/PH 1	78.80	114	0.6912
	WAIK WELL #8 CNTRL BLDG/PH 1	409.15	1000	0.4092
	WAIK WELL #8 CNTRL BLDG/PH 3	10,329.89	600	17.2165
ENERGY RESOURCES - WIND				-
	SUBTOTAL	$313,552.03	962,957	0.3256
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$313,552.03	962,957	0.3256

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$313,552.03	
TOTAL KWH	962,957	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3256	

WHUC CALCULATIONS:

0.3256		UNIT PRICE FOR ELECTRICITY [$ / kWh]
x		
5.6300		Pump Efficiency Factor [kWh / TG]
x		
1.06385	PSC/PUC fee =	1.9503 **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 SEPTEMBER 2021

HELCO BILLING PERIOD:
7/10/21 - 8/9/21

Anaehoomalu STP	31,361.21
SPS #1	4,911.02
SPS#2	923.43
SPS#3	761.64
GRAND TOTAL	$37,957.30

POWER COST CALCULATIONS:

PREVIOUS MONTHTOTAL DOLLARS:		$37,957.30
PREVIOUS MONTH TOTAL METERED TG		87,728
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4327

WHUC CALCULATIONS:

0.4327		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
	X		
1.06385		PSC/PUC fee	= 0.4603

Formula used to calculate PCC

POWER COST CHARGE PER TG (WHUC)

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)

PREPARED BY: Alyssa Yacks — ALYSSA YACKS — 9/2/21 — DATE

APPROVED BY: A C — AGNES CARLOS — 9/2/2021 — DATE

APPROVED BY: R S — ROBERT STOUT — 9/2/2021 — DATE

WEST HAWAII UTILITY COMPANY - IRRIGATION
POWER COST CHARGE CALCULATION
EFFECTIVE SEPTEMBER 2021

HELCO BILLING PERIOD:

7/10/21-8/9/21

Irrigation Wells 1,2,3	9,948.83	31,200	0.3189
Nursery Well	3,095.02	8,912	0.3473
51' Well	1,875.31	4,840	0.3875
ENERGY RESOURCES - WIND			
SUBTOTAL	$14,919.16	44,952	0.3319
ENERGY RESOURCES - WIND			
GRAND TOTAL	$14,919.16	44,952	0.3319

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$14,919.16
TOTAL KWH	44,952
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3319

WHUC CALCULATIONS:

0.3319	UNIT PRICE FOR ELECTRICITY [$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = **0.1884**

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)

PREPARED BY: Alyssa Yacks — ALYSSA YACKS — 8-18-21 — DATE

APPROVED BY: — AGNES CARLOS — 8/18/21 — DATE

APPROVED BY: — ROBERT STOUT — 8/25/21 — DATE