WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE APRIL 2021

2/12/21-3/12/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,312.79	0	-	*Estimate
	WAIK WTR WELL #1 PH 1	197.89	480	0.4123	
	WAIK DEEP WELL #2 PUMP (DW-2)	35,512.28	130,500	0.2721	
	WAIK WELL SITE #2/PH 1	128.25	273	0.4698	
	WAIK DEEP WELL #3 PUMP (DW-3)	31,005.15	113,700	0.2727	
	WAIK WELL SITE #3/PH 1 P7X	51.37	26	1.9758	
	WAIK DEEP WELL #4 PUMP (DW-4)	18,969.92	68,200	0.2782	
	WAIK DEEP WELL #5 PUMP (DW-5)	3,816.97	200	19.0849	
	WAIK DEEP WELL #6 PUMP (DW-6)	-	0	-	
	WAIK WELL SITE #6/AUXILIARY	376.60	1011	0.3725	
	WAIK DEEP WELL #7 PUMP (DW-7)	66,413.82	249,300	0.2664	
	WAIK WELL SITE #7/PH 1	70.70	102	0.6931	
	WAIK WELL #8 CNTRL BLDG/PH 1	377.28	1013	0.3724	
	WAIK WELL #8 CNTRL BLDG/PH 3	62,574.96	236700	0.2644	
ENERGY RESOURCES - WIND				-	
	SUBTOTAL	$231,807.98	801,505	0.2892	
ENERGY RESOURCES - WIND					
	GRAND TOTAL	$231,807.98	801,505	0.2892	

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$231,807.98	
TOTAL KWH	801,505	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2892	

WHUC CALCULATIONS:

0.2892	UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	1.7323 **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)

*No bill available per Hawaiian Electric pending meter replacement

WEST HAWAII UTILITY COMPANY-SEWER
POWER COST CHARGE CALCULATION
EFFECTIVE APRIL 2021

HELCO BILLING PERIOD:
2/10/21-3/10/21

Anaehoomalu STP	20,991.88
SPS #1	2,858.06
SPS#2	640.17
SPS#3	817.81
ENERGY RESOURCES - WIND	
SUBTOTAL	$25,307.92
ENERGY RESOURCES - WIND	
GRAND TOTAL	$25,307.92

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$25,307.92
PREVIOUS MONTH TOTAL METERED TG		72,878
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.3473

WHUC CALCULATIONS:

0.3473		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
x			
1.06385	PSC/PUC fee	=	**0.3694**

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 APRIL 2021

HELCO BILLING PERIOD:

2/10/21-3/10/21

Irrigation Wells 1,2,3	8,390.33	29,300	0.2864
Nursery Well	2,612.78	8,228	0.3175
51' Well	325.00	0	-
ENERGY RESOURCES - WIND			
SUBTOTAL	$11,328.11	37,528	0.3019
ENERGY RESOURCES - WIND			
GRAND TOTAL	$11,328.11	37,528	0.3019

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$11,328.11
TOTAL KWH	37,528
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3019

WHUC CALCULATIONS:

0.3019	UNIT PRICE FOR ELECTRICITY [$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = **0.1714**

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)