WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE AUGUST 2021

6/12/21-7/13/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,309.07	0	-
	WAIK WTR WELL #1 PH 1	234.01	540	0.4334
	WAIK DEEP WELL #2 PUMP (DW-2)	67,472.57	216,600	0.3115
	WAIK WELL SITE #2/PH 1	146.53	301	0.4868
	WAIK DEEP WELL #3 PUMP (DW-3)	36,875.41	123,000	0.2998
	WAIK WELL SITE #3/PH 1 P7X	51.34	29	1.7703
	WAIK DEEP WELL #4 PUMP (DW-4)	12,338.16	38,800	0.3180
	WAIK DEEP WELL #5 PUMP (DW-5)	43,187.77	145,200	0.2974
	WAIK DEEP WELL #6 PUMP (DW-6)	73,376.23	252,900	0.2901
	WAIK WELL SITE #6/AUXILIARY	182.03	398	0.4574
	WAIK DEEP WELL #7 PUMP (DW-7)	82,876.40	287,700	0.2881
	WAIK WELL SITE #7/PH 1	73.69	102	0.7225
	WAIK WELL #8 CNTRL BLDG/PH 1	442.31	1109	0.3988
	WAIK WELL #8 CNTRL BLDG/PH 3	10,335.36	600	17.2256
ENERGY RESOURCES - WIND				-
	SUBTOTAL	$339,900.88	1,067,279	0.3185
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$339,900.88	1,067,279	0.3185

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$339,900.88	
TOTAL KWH	1,067,279	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3185	

WHUC CALCULATIONS:

0.3185		UNIT PRICE FOR ELECTRICITY [$ / kWh]
	x	
5.6300		Pump Efficiency Factor [kWh / TG]
	x	
1.06385		PSC/PUC fee = **1.9075** **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 AUGUST 2021

HELCO BILLING PERIOD:
6/10/21 - 7/9/21

Anaehoomalu STP	29,349.13
SPS #1	4,551.74
SPS#2	983.03
SPS#3	720.31
ENERGY RESOURCES - WIND	
SUBTOTAL	$35,604.21
ENERGY RESOURCES - WIND	
GRAND TOTAL	$35,604.21

POWER COST CALCULATIONS:

PREVIOUS MONTHTOTAL DOLLARS:		$35,604.21
PREVIOUS MONTH TOTAL METERED TG		90,358
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.3940

WHUC CALCULATIONS:

0.3940		UNIT PRICE FOR METERED WATER SALES [$ / TG]
X		
1.06385	PSC/PUC fee =	0.4192

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 AUGUST 2021

HELCO BILLING PERIOD:

6/10/21-7/9/21

Irrigation Wells 1,2,3	9,494.78	30,300	0.3134
Nursery Well	2,629.70	7,500	0.3506
51' Well	1,751.83	4,520	0.3876
ENERGY RESOURCES - WIND			
SUBTOTAL	$13,876.31	42,320	0.3279
ENERGY RESOURCES - WIND			
GRAND TOTAL	$13,876.31	42,320	0.3279

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$13,876.31
TOTAL KWH	42,320
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3279

WHUC CALCULATIONS:

0.3279	UNIT PRICE FOR ELECTRICITY [$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = **0.1862**

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)