WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: FEBRUARY 2019

12/14/18-1/14/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	79,348.85	252000	0.3149
	WAIK WTR WELL #1 PH 1	74.06	102	0.7261
	WAIK DEEP WELL #2 PUMP (DW-2)	22,163.34	67,800	0.3269
	WAIK WELL SITE #2/PH 1	158.10	318	0.4972
	WAIK DEEP WELL #3 PUMP (DW-3)	19,848.37	51,900	0.3824
	WAIK WELL SITE #3/PH 1 P7X	86.50	134	0.6455
	WAIK DEEP WELL #4 PUMP (DW-4)	9,063.87	26,000	0.3486
	WAIK DEEP WELL #5 PUMP (DW-5)	18,712.61	57,200	0.3271
	WAIK DEEP WELL #6 PUMP (DW-6)	77,520.26	251,100	0.3087
	WAIK WELL SITE #6/AUXILIARY	247.59	548	0.4518
	WAIK DEEP WELL #7 PUMP (DW-7)	88,773.71	289,500	0.3066
	WAIK WELL SITE #7/PH 1	122.70	227	0.5405
ENERGY RESOURCES - WIND				
	SUBTOTAL	$316,119.96	996,829	0.3171
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$316,119.96	996,829	0.3171

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$316,119.96	
TOTAL KWH	996,829	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3171	

WHUC CALCULATIONS:

0.3171		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	1.8994	**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 2019

HELCO BILLING PERIOD:
12/12/18-1/10/19

Anaehoomalu STP	31,465.34
SPS #1	4,844.71
SPS#2	1,015.66
SPS#3	731.83
ENERGY RESOURCES - WIND	
SUBTOTAL	$38,057.54
ENERGY RESOURCES - WIND	
GRAND TOTAL	$38,057.54

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$38,057.54
PREVIOUS MONTH TOTAL METERED TG		91,300
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4168

WHUC CALCULATIONS:

0.4168		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
	X		
1.06385		PSC/PUC fee	= 0.4435

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 2019

HELCO BILLING PERIOD: 12/12/18-1/10/19			
Irrigation Wells 1,2,3	10,228.84	30,600	0.3343
Nursery Well	3,560.75	10,035	0.3548
51' Well	1,908.66	4,795	0.3981
ENERGY RESOURCES - WIND			
SUBTOTAL	$15,698.25	45,430	0.3455
ENERGY RESOURCES - WIND			
GRAND TOTAL	$15,698.25	45,430	0.3455

POWER COST CALCULATIONS:	
TOTAL DOLLARS:	$15,698.25
TOTAL KWH	45,430
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3455

WHUC CALCULATIONS:

0.3455	UNIT PRICE FOR ELECTRICITY [$ / kWh]	
X		
0.5337	Pump Efficiency Factor [kWh / TG]	
X		
1.06385	(PSC/PUC fee) =	0.1962

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)