WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JUNE 2018

4/14/18-5/14/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,301.05	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	34.14	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	12,133.58	39,600	0.3064
	WAIK WELL SITE #2/PH 1	340.24	856	0.3975
	WAIK DEEP WELL #3 PUMP (DW-3)	43,501.80	150,900	0.2883
	WAIK WELL SITE #3/PH 1 P7X	82.79	136	0.6088
	WAIK DEEP WELL #4 PUMP (DW-4)	4,186.14	11,800	0.3548
	WAIK DEEP WELL #5 PUMP (DW-5)	42,575.30	148,000	0.2877
	WAIK DEEP WELL #6 PUMP (DW-6)	64,644.44	231,000	0.2798
	WAIK WELL SITE #6/AUXILIARY	191.84	441	0.4350
	WAIK DEEP WELL #7 PUMP (DW-7)	77,639.89	282,300	0.2750
	WAIK WELL SITE #7/PH 1	71.34	104	0.6860
ENERGY RESOURCES - WIND				
	SUBTOTAL	$246,702.55	865,137	0.2852
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$246,702.55	865,137	0.2852

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$246,702.55	
TOTAL KWH	865,137	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2852	

WHUC CALCULATIONS:

0.2852		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	1.7080	**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: JUNE 2018

HELCO BILLING PERIOD:
4/12/18 to 5/10/18

Anaehoomalu STP	27,920.78
SPS #1	3,746.46
SPS#2	803.21
SPS#3	631.04
ENERGY RESOURCES - WIND	
SUBTOTAL	$33,101.49
ENERGY RESOURCES - WIND	
GRAND TOTAL	$33,101.49

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$33,101.49
PREVIOUS MONTH TOTAL METERED TG		67,390
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4912

WHUC CALCULATIONS:

0.4912		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
X			
1.06385	PSC/PUC fee	=	0.5226

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: JUNE 2018

HELCO BILLING PERIOD:
4/12/18-5/10/18

Irrigation Wells 1,2,3	9,052.28	30,000	0.3017
Nursery Well	1,447.63	3,836	0.3774
51' Well	1,561.96	4,299	0.3633
ENERGY RESOURCES - WIND			
SUBTOTAL	$12,061.87	38,135	0.3163
ENERGY RESOURCES - WIND			
GRAND TOTAL	$12,061.87	38,135	0.3163

POWER COST CALCULATIONS:

TOTAL DOLLARS:		$12,061.87
TOTAL KWH		38,135
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3163

WHUC CALCULATIONS:

0.3163		UNIT PRICE FOR ELECTRICITY [$ / kWh]
	X	
0.5337		Pump Efficiency Factor [kWh / TG]
	x	
1.06385		(PSC/PUC fee) = **0.1796**

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)