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

6/14/19-7/15/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	77,320.39	255200	0.3030
	WAIK WTR WELL #1 PH 1	71.58	100	0.7158
	WAIK DEEP WELL #2 PUMP (DW-2)	4,241.27	8,700	0.4875
	WAIK WELL SITE #2/PH 1	138.90	281	0.4943
	WAIK DEEP WELL #3 PUMP (DW-3)	48,093.14	158,700	0.3030
	WAIK WELL SITE #3/PH 1 P7X	76.41	113	0.6762
	WAIK DEEP WELL #4 PUMP (DW-4)	11,096.77	34,000	0.3264
	WAIK DEEP WELL #5 PUMP (DW-5)	16,329.99	51,800	0.3153
	WAIK DEEP WELL #6 PUMP (DW-6)	73,708.30	250,500	0.2942
	WAIK WELL SITE #6/AUXILIARY	150.07	311	0.4825
	WAIK DEEP WELL #7 PUMP (DW-7)	83,850.20	286,200	0.2930
	WAIK WELL SITE #7/PH 1	71.95	101	0.7124
ENERGY RESOURCES - WIND				
	SUBTOTAL	$315,148.97	1,046,006	0.3013
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$315,148.97	1,046,006	0.3013

POWER COST CALCULATIONS:		
TOTAL DOLLARS:		$315,148.97
TOTAL KWH		1,046,006
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3013

WHUC CALCULATIONS:

0.3013		UNIT PRICE FOR ELECTRICITY [$ / kWh]
	x	
5.6300		Pump Efficiency Factor [kWh / TG]
	x	
1.06385		PSC/PUC fee = 1.8046 **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 2019

HELCO BILLING PERIOD:
6/11/19-7/11/19

Anaehoomalu STP	31,234.02
SPS #1	5,895.05
SPS#2	1,103.91
SPS#3	804.44
ENERGY RESOURCES - WIND	
SUBTOTAL	$39,037.42
ENERGY RESOURCES - WIND	
GRAND TOTAL	$39,037.42

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$39,037.42
PREVIOUS MONTH TOTAL METERED TG		80,084
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4875

WHUC CALCULATIONS:

0.4875	UNIT PRICE FOR METERED WATER SALES [$ / TG]		
X			
1.06385	PSC/PUC fee	=	**0.5186**

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 2019

HELCO BILLING PERIOD:
6/11/19 - 7/11/19

Irrigation Wells 1,2,3	9,943.31	31,200	0.3187
Nursery Well	3,420.02	10,072	0.3396
51' Well	1,802.64	4,680	0.3852
ENERGY RESOURCES - WIND			
SUBTOTAL	$15,165.97	45,952	0.3300
ENERGY RESOURCES - WIND			
GRAND TOTAL	$15,165.97	45,952	0.3300

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$15,165.97	
TOTAL KWH	45,952	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3300	

WHUC CALCULATIONS:

0.3300	UNIT PRICE FOR ELECTRICITY [$ / kWh]	
X		
0.5337	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	(PSC/PUC fee) =	0.1874

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)