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

01/15/19 - 02/12/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	59,469.34	195200	0.3047
	WAIK WTR WELL #1 PH 1	63.27	79	0.8009
	WAIK DEEP WELL #2 PUMP (DW-2)	4,242.75	3,300	1.2857
	WAIK WELL SITE #2/PH 1	152.66	324	0.4712
	WAIK DEEP WELL #3 PUMP (DW-3)	27,352.63	91,800	0.2980
	WAIK WELL SITE #3/PH 1 P7X	79.31	123	0.6448
	WAIK DEEP WELL #4 PUMP (DW-4)	11,265.29	35,800	0.3147
	WAIK DEEP WELL #5 PUMP (DW-5)	23,533.77	78,000	0.3017
	WAIK DEEP WELL #6 PUMP (DW-6)	65,458.79	226,200	0.2894
	WAIK WELL SITE #6/AUXILIARY	233.25	545	0.4280
	WAIK DEEP WELL #7 PUMP (DW-7)	72,195.37	250,200	0.2886
	WAIK WELL SITE #7/PH 1	119.81	234	0.5120
ENERGY RESOURCES - WIND				
	SUBTOTAL	$264,166.24	881,805	0.2996
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$264,166.24	881,805	0.2996

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$264,166.24	
TOTAL KWH	881,805	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2996	

WHUC CALCULATIONS:

0.2996	UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	1.7943 **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: MARCH 2019

HELCO BILLING PERIOD:
01/11/19-02/08/19

Anaehoomalu STP	28,434.26
SPS #1	4,250.14
SPS#2	871.01
SPS#3	647.97
ENERGY RESOURCES - WIND	
SUBTOTAL	$34,203.38
ENERGY RESOURCES - WIND	
GRAND TOTAL	$34,203.38

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$34,203.38
PREVIOUS MONTH TOTAL METERED TG		78,032
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4383

WHUC CALCULATIONS:

0.4383		UNIT PRICE FOR METERED WATER SALES [$ / TG]	
	X		
1.06385		PSC/PUC fee	= 0.4663

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: March 2019

HELCO BILLING PERIOD:
01/11/19 - 02/18/19

Irrigation Wells 1,2,3	9,272.55	29,700	0.3122
Nursery Well	3,197.61	9,565	0.3343
51' Well	1,713.67	4,495	0.3812
ENERGY RESOURCES - WIND			
SUBTOTAL	$14,183.83	43,760	0.3241
ENERGY RESOURCES - WIND			
GRAND TOTAL	$14,183.83	43,760	0.3241

POWER COST CALCULATIONS:

TOTAL DOLLARS:		$14,183.83
TOTAL KWH		43,760
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3241

WHUC CALCULATIONS:

0.3241		UNIT PRICE FOR ELECTRICITY [$ / kWh]
	X	
0.5337		Pump Efficiency Factor [kWh / TG]
	x	
1.06385		(PSC/PUC fee) = **0.1840**

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)