WEST HAWAII UTILITY COMPANY - WATER
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2015

HELCO BILLING PERIOD:
11/14/14 to 12/12/14

WAIK DEEP WELL #1 PUMP (DW-1)	2,760.16	0	#DIV/0!
WAIK WTR WELL #1 PH 1	37.19	13	2.8608
WAIK DEEP WELL #2 PUMP (DW-2)	31,592.55	92,400	0.3419
WAIK WELL SITE #2/PH 1	294.53	651	0.4524
WAIK DEEP WELL #3 PUMP (DW-3)	51,843.83	147,000	0.3527
WAIK WELL SITE #3/PH 1 P7X	440.55	1,013	0.4349
WAIK DEEP WELL #4 PUMP (DW-4)	5,604.66	12,800	0.4379
WAIK DEEP WELL #5 PUMP (DW-5)	13,737.92	36,600	0.3754
WAIK DEEP WELL #6 PUMP (DW-6)	78,052.88	229,500	0.3401
WAIK WELL SITE #6/AUXILIARY	247.74	535	0.4631
WAIK DEEP WELL #7 PUMP (DW-7)	87,208.53	265,200	0.3288
WAIK WELL SITE #7/PH 1	395.36	901	0.4388
ENERGY RESOURCES - WIND			
SUBTOTAL	$272,215.90	786,613	0.3461
ENERGY RESOURCES - WIND			
GRAND TOTAL	$272,215.90	786,613	0.3461

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$272,215.90
TOTAL KWH	786,613
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3461

WHUC CALCULATIONS:

0.3461		UNIT PRICE FOR ELECTRICITY [$ / kWh]
x		
5.6300		Pump Efficiency Factor [kWh / TG]
x		
1.06385	PSC/PUC fee =	2.0727 **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: JANUARY 2015

HELCO BILLING PERIOD:	
11/11/14 to 12/10/14	
Anaehoomalu STP	28,030.97
SPS #1	4,735.86
SPS#2	995.18
SPS#3	540.43
ENERGY RESOURCES - WIND	
SUBTOTAL	$34,302.44
ENERGY RESOURCES - WIND	
GRAND TOTAL	$34,302.44

POWER COST CALCULATIONS:		
PREVIOUS MONTHTOTAL DOLLARS:		$34,302.44
PREVIOUS MONTH TOTAL METERED TG		77,575
UNIT PRICE FOR METERED WATER SALES [$ / TG]	$	0.4422

WHUC CALCULATIONS:

0.4422		UNIT PRICE FOR METERED WATER SALES [$ / TG]		
	X			
1.06385		PSC/PUC fee	=	**0.4704**

POWER COST CHARGE PER TG (WHUC)

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)

WEST HAWAII UTILITY COMPANY - IRRIGATION
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2015

HELCO BILLING PERIOD:			
11/11/14 to 12/10/14			
Irrigation Wells 1,2,3	7,234.70	20,100	0.3599
Nursery Well	3,715.56	10,137	0.3665
51' Well	368.91	660	0.5590
ENERGY RESOURCES - WIND			
SUBTOTAL	$11,319.17	30,897	0.3664
ENERGY RESOURCES - WIND			
GRAND TOTAL	$11,319.17	30,897	0.3664

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$11,319.17	
TOTAL KWH	30,897	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3664	

WHUC CALCULATIONS:

0.3664	UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x		
0.5337	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	(PSC/PUC fee) =	0.2080

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)