

WEST HAWAII UTILITY COMPANY
 POWER COST CHARGE CALCULATION
 EFFECTIVE: MARCH 2017

1/14/17 to 2/13/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	0	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	32.82	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	10,461.40	37,500	0.2790
	WAIK WELL SITE #2/PH 1	298.08	813	0.3666
	WAIK DEEP WELL #3 PUMP (DW-3)	38,862.19	149,400	0.2601
	WAIK WELL SITE #3/PH 1 P7X	383.22	1,074	0.3568
	WAIK DEEP WELL #4 PUMP (DW-4)	23,086.39	87,600	0.2635
	WAIK DEEP WELL #5 PUMP (DW-5)	34,151.93	127,600	0.2676
	WAIK DEEP WELL #6 PUMP (DW-6)	54,542.89	212,100	0.2572
	WAIK WELL SITE #6/AUXILIARY	217.8	567	0.3841
	WAIK DEEP WELL #7 PUMP (DW-7)	65,370.21	261,000	0.2505
	WAIK WELL SITE #7/PH 1	344.08	954	0.3607
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$227,751.01	878,608	0.2592
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$227,751.01	878,608	0.2592

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$227,751.01
TOTAL KWH	878,608
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2592

WHUC CALCULATIONS:

0.2592	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.5526
	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 2017**

HELCO BILLING PERIOD:

1/12/17 to 2/09/17

Anaehoomalu STP	24,190.44
SPS #1	4,096.03
SPS#2	838.84
SPS#3	499.53
ENERGY RESOURCES - WIND	
SUBTOTAL	\$29,624.84
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$29,624.84

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$29,624.84
PREVIOUS MONTH TOTAL METERED TG	71,922
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4119

WHUC CALCULATIONS:

0.4119		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.4382

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 2017**

HELCO BILLING PERIOD:

1/12/17 to 2/9/17

Irrigation Wells 1,2,3	8,248.65	30,200	0.2731
Nursery Well	2,705.74	9,252	0.2924
51' Well	0.79	0	#DIV/0!
ENERGY RESOURCES - WIND			
SUBTOTAL	\$10,955.18	39,452	0.2777
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$10,955.18	39,452	0.2777

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$10,955.18
TOTAL KWH	39,452
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2777

WHUC CALCULATIONS:

0.2777	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1577

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)

**POWER COST
CHARGE PER
TG (WHUC)**