

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

11/14/17-12/12/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,316.22	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	38.71	12	3.2258
	WAIK DEEP WELL #2 PUMP (DW-2)	5,253.47	15,300	0.3434
	WAIK WELL SITE #2/PH 1	331.16	838	0.3952
	WAIK DEEP WELL #3 PUMP (DW-3)	40,620.48	141,900	0.2863
	WAIK WELL SITE #3/PH 1 P7X	401.63	1,037	0.3873
	WAIK DEEP WELL #4 PUMP (DW-4)	14,907.65	50,200	0.2970
	WAIK DEEP WELL #5 PUMP (DW-5)	37,499.83	131,000	0.2863
	WAIK DEEP WELL #6 PUMP (DW-6)	60,223.14	214,800	0.2804
	WAIK WELL SITE #6/AUXILIARY	221.07	527	0.4195
	WAIK DEEP WELL #7 PUMP (DW-7)	73,478.20	266,100	0.2761
	WAIK WELL SITE #7/PH 1	70.57	102	0.6919
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$234,362.13</u>	<u>821,816</u>	0.2852
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$234,362.13</u>	<u>821,816</u>	0.2852

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$234,362.13
TOTAL KWH	<u>821,816</u>
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 = 1.7081 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 2018**

HELCO BILLING PERIOD:

11/09/17 to 12/08/17

Anaehoomalu STP	28,299.17
SPS #1	3,893.78
SPS#2	811.35
SPS#3	569.68
ENERGY RESOURCES - WIND	
SUBTOTAL	\$33,573.98
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$33,573.98

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$33,573.98
PREVIOUS MONTH TOTAL METERED TG	76,120
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4411

WHUC CALCULATIONS:

0.4411		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x		
1.06385	PSC/PUC fee =	0.4692

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: JANUARY 2018**

HELCO BILLING PERIOD:

11/09/17-12/08/17

Irrigation Wells 1,2,3	9,321.79	31,100	0.2997
Nursery Well	2,747.49	8,471	0.3243
51' Well	1,682.00	4,745	0.3545
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,751.28	44,316	0.3103
ENERGY RESOURCES - WIND			
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GRAND TOTAL	\$13,751.28	44,316	0.3103

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,751.28
TOTAL KWH	44,316
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3103

WHUC CALCULATIONS:

0.3103		UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x		
0.5337		Pump Efficiency Factor [kWh / TG]
x		
1.06385		(PSC/PUC fee) = 0.1762

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)**