

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JULY 2017**

5/13/17-6/13/17

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)	29,661.23	111,000	0.2672
	WAIK WELL SITE #2/PH 1	217.21	559	0.3886
	WAIK DEEP WELL #3 PUMP (DW-3)	42,636.77	161,400	0.2642
	WAIK WELL SITE #3/PH 1 P7X	411.08	1,147	0.3584
	WAIK DEEP WELL #4 PUMP (DW-4)	20,636.43	76,600	0.2694
	WAIK DEEP WELL #5 PUMP (DW-5)	28,487.55	107,000	0.2662
	WAIK DEEP WELL #6 PUMP (DW-6)	56,687.95	217,200	0.2610
	WAIK WELL SITE #6/AUXILIARY	162.48	393	0.4134
	WAIK DEEP WELL #7 PUMP (DW-7)	73,077.57	290,100	0.2519
	WAIK WELL SITE #7/PH 1	355.12	977	0.3635
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$252,366.21	966,376	0.2611
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$252,366.21	966,376	0.2611

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$252,366.21
TOTAL KWH	966,376
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2611

WHUC CALCULATIONS:

0.2611	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.5641 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: JULY 2017**

HELCO BILLING PERIOD:

5/11/17 to 6/09/17

Anaehoomalu STP	24,672.45
SPS #1	3,991.74
SPS#2	815.59
SPS#3	567.58
ENERGY RESOURCES - WIND	
SUBTOTAL	\$30,047.36
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$30,047.36

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$30,047.36
PREVIOUS MONTH TOTAL METERED TG	80,618
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3727

WHUC CALCULATIONS:

	0.3727			UNIT PRICE FOR METERED WATER SALES [\$ / TG]
	x			
	1.06385		=	PSC/PUC fee = 0.3965

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: JULY 2017**

HELCO BILLING PERIOD:

5/11/17-6/09/17

Irrigation Wells 1,2,3	8,684.19	31,600	0.2748
Nursery Well	2,841.55	9,684	0.2934
51' Well	972.59	2,700	0.3602
ENERGY RESOURCES - WIND			
SUBTOTAL	\$12,498.33	43,984	0.2842
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$12,498.33	43,984	0.2842

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$12,498.33
TOTAL KWH	43,984
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2842

WHUC CALCULATIONS:

0.2842	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1613

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)**