

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

7/14/17-8/11/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	0	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	32.73	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	19,419.08	74,100	0.2621
	WAIK WELL SITE #2/PH 1	229.39	613	0.3742
	WAIK DEEP WELL #3 PUMP (DW-3)	38,673.20	151,500	0.2553
	WAIK WELL SITE #3/PH 1 P7X	367.67	1,044	0.3522
	WAIK DEEP WELL #4 PUMP (DW-4)	37,692.18	147,800	0.2550
	WAIK DEEP WELL #5 PUMP (DW-5)	31,135.77	121,600	0.2561
	WAIK DEEP WELL #6 PUMP (DW-6)	49,309.65	193,500	0.2548
	WAIK WELL SITE #6/AUXILIARY	149.50	364	0.4107
	WAIK DEEP WELL #7 PUMP (DW-7)	65,200.45	265,500	0.2456
	WAIK WELL SITE #7/PH 1	80.86	150	0.5391
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$242,290.48	956,171	0.2534
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$242,290.48	956,171	0.2534

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$242,290.48
TOTAL KWH	956,171
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2534

WHUC CALCULATIONS:

0.2534	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.5177 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: SEPTEMBER 2017

HELCO BILLING PERIOD:

7/12/17 to 8/09/17

Anaehoomalu STP	26,161.37
SPS #1	4,116.97
SPS#2	902.77
SPS#3	723.09
ENERGY RESOURCES - WIND	
SUBTOTAL	\$31,904.20
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$31,904.20

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$31,904.20
PREVIOUS MONTH TOTAL METERED TG	81,629
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3908

WHUC CALCULATIONS:

0.3908		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.4158

**WEST HAWAII UTILITY COMPANY - IRRIGATION
POWER COST CHARGE CALCULATION
EFFECTIVE: SEPTEMBER 2017**

HELCO BILLING PERIOD:

7/12/17-8/9/17

Irrigation Wells 1,2,3	8,124.58	30,300	0.2681
Nursery Well	2,838.62	9,962	0.2849
51' Well	0.00	0	#DIV/0!
ENERGY RESOURCES - WIND			
SUBTOTAL	\$10,963.20	40,262	0.2723
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$10,963.20	40,262	0.2723

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$10,963.20
TOTAL KWH	40,262
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2723

WHUC CALCULATIONS:

0.2723	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1546

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)**