

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

2/14/17-3/14/17

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)	31,147.95	117,300	0.2655
	WAIK WELL SITE #2/PH 1	277.67	743	0.3737
	WAIK DEEP WELL #3 PUMP (DW-3)	11,116.07	39,900	0.2786
	WAIK WELL SITE #3/PH 1 P7X	373.57	1,034	0.3613
	WAIK DEEP WELL #4 PUMP (DW-4)	27,698.70	104,400	0.2653
	WAIK DEEP WELL #5 PUMP (DW-5)	37,811.30	139,400	0.2712
	WAIK DEEP WELL #6 PUMP (DW-6)	51,703.72	197,400	0.2619
	WAIK WELL SITE #6/AUXILIARY	191.65	482	0.3976
	WAIK DEEP WELL #7 PUMP (DW-7)	66,153.28	260,700	0.2538
	WAIK WELL SITE #7/PH 1	325.44	888	0.3665
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$226,832.17	862,247	0.2631
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$226,832.17	862,247	0.2631

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$226,832.17
TOTAL KWH	862,247
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2631

WHUC CALCULATIONS:

0.2631	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.5757 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: APRIL 2017**

HELCO BILLING PERIOD:

2/10/17 to 3/10/17

Anaehoomalu STP	25,801.71
SPS #1	4,156.06
SPS#2	857.01
SPS#3	529.00
ENERGY RESOURCES - WIND	
SUBTOTAL	\$31,343.78
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$31,343.78

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$31,343.78
PREVIOUS MONTH TOTAL METERED TG	67,846
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4620

WHUC CALCULATIONS:

	0.4620		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
	X			
	1.06385		PSC/PUC fee =	0.4915

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: APRIL 2017**

HELCO BILLING PERIOD:

2/10/17-3/10/17

Irrigation Wells 1,2,3	8,420.42	30,600	0.2752
Nursery Well	2,793.01	9,509	0.2937
51' Well	326.15	620	0.5260
ENERGY RESOURCES - WIND			
SUBTOTAL	\$11,539.58	40,729	0.2833
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$11,539.58	40,729	0.2833

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$11,539.58
TOTAL KWH	40,729
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2833

WHUC CALCULATIONS:

0.2833	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1609

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)**