

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

12/15/16 to 1/13/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	0	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	32.74	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	12,290.36	44,400	0.2768
	WAIK WELL SITE #2/PH 1	292.66	793	0.3691
	WAIK DEEP WELL #3 PUMP (DW-3)	23,652.06	89,100	0.2655
	WAIK WELL SITE #3/PH 1 P7X	389.69	1,089	0.3578
	WAIK DEEP WELL #4 PUMP (DW-4)	21,126.62	79,400	0.2661
	WAIK DEEP WELL #5 PUMP (DW-5)	33,120.78	123,000	0.2693
	WAIK DEEP WELL #6 PUMP (DW-6)	52,530.55	202,500	0.2594
	WAIK WELL SITE #6/AUXILIARY	224.49	585	0.3837
	WAIK DEEP WELL #7 PUMP (DW-7)	64,424.38	254,700	0.2529
	WAIK WELL SITE #7/PH 1	339.21	935	0.3628
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$208,423.54	796,502	0.2617
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$208,423.54	796,502	0.2617

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$208,423.54
TOTAL KWH	796,502
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2617

WHUC CALCULATIONS:

0.2617	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.5673 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: FEBRUARY 2017**

HELCO BILLING PERIOD:

12/13/16 to 1/11/17

Anaehoomalu STP	26,109.52
SPS #1	4,562.79
SPS#2	974.36
SPS#3	567.33
ENERGY RESOURCES - WIND	
SUBTOTAL	\$32,214.00
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$32,214.00

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$32,214.00
PREVIOUS MONTH TOTAL METERED TG	71,317
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4517

WHUC CALCULATIONS:

0.4517		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee	= 0.4805

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: FEBRUARY 2017**

HELCO BILLING PERIOD:

12/13/16 to 1/11/17

Irrigation Wells 1,2,3	5,282.29	18,500	0.2855
Nursery Well	1,669.03	5,162	0.3233
51' Well	297.88	806	0.3696
ENERGY RESOURCES - WIND			
SUBTOTAL	\$7,249.20	24,468	0.2963
ENERGY RESOURCES - WIND			
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GRAND TOTAL	\$7,249.20	24,468	0.2963

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$7,249.20
TOTAL KWH	24,468
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2963

WHUC CALCULATIONS:

0.2963	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1682

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)**