

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

3/15/17-4/12/17

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)	15,303.56	55,200	0.2772
	WAIK WELL SITE #2/PH 1	258.55	679	0.3808
	WAIK DEEP WELL #3 PUMP (DW-3)	39,160.57	147,000	0.2664
	WAIK WELL SITE #3/PH 1 PTX	379.21	1,042	0.3639
	WAIK DEEP WELL #4 PUMP (DW-4)	19,417.10	71,400	0.2719
	WAIK DEEP WELL #5 PUMP (DW-5)	38,094.72	143,200	0.2660
	WAIK DEEP WELL #6 PUMP (DW-6)	52,569.85	198,000	0.2655
	WAIK WELL SITE #6/AUXILIARY	167.79	406	0.4133
	WAIK DEEP WELL #7 PUMP (DW-7)	67,433.79	263,400	0.2560
	WAIK WELL SITE #7/PH 1	327.01	885	0.3695
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$233,144.97	881,212	0.2646
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$233,144.97	881,212	0.2646

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$233,144.97
TOTAL KWH	881,212
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2646

WHUC CALCULATIONS:

0.2646	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.5847 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: MAY 2017**

HELCO BILLING PERIOD:

3/11/17 to 4/10/17

Anaehoomalu STP	27,890.34
SPS #1	4,444.07
SPS#2	840.98
SPS#3	627.84
ENERGY RESOURCES - WIND	
SUBTOTAL	\$33,803.23
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$33,803.23

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$33,803.23
PREVIOUS MONTH TOTAL METERED TG	87,119
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 0.3880

WHUC CALCULATIONS:

0.3880		UNIT PRICE FOR METERED WATER SALES [\$/ TG]	
x			
1.06385	x	PSC/PUC fee	=
			0.4128

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: MAY 2017**

HELCO BILLING PERIOD:

3/11/17-4/10/17

Irrigation Wells 1,2,3	9,088.28	32,700	0.2779
Nursery Well	3,163.16	10,777	0.2935
51' Well	752.14	1,900	0.3959
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,003.58	45,377	0.2866
ENERGY RESOURCES - WIND			
<hr/>			
GRAND TOTAL	\$13,003.58	45,377	0.2866

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,003.58
TOTAL KWH	45,377
UNIT PRICE FOR ELECTRICITY [\$/ kWh]	\$ 0.2866

WHUC CALCULATIONS:

0.2866	UNIT PRICE FOR ELECTRICITY [\$/ kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1627

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)**