

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

9/13/17-10/12/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	8018.4	23200	0.3456
	WAIK WTR WELL #1 PH 1	35.84	4	8.9600
	WAIK DEEP WELL #2 PUMP (DW-2)	16,156.16	56,400	0.2865
	WAIK WELL SITE #2/PH 1	316.82	823	0.3850
	WAIK DEEP WELL #3 PUMP (DW-3)	35,568.50	120,300	0.2957
	WAIK WELL SITE #3/PH 1 P7X	404.32	1,078	0.3751
	WAIK DEEP WELL #4 PUMP (DW-4)	16,026.73	48,200	0.3325
	WAIK DEEP WELL #5 PUMP (DW-5)	43,298.63	149,600	0.2894
	WAIK DEEP WELL #6 PUMP (DW-6)	67,130.54	236,100	0.2843
	WAIK WELL SITE #6/AUXILIARY	153.51	347	0.4424
	WAIK DEEP WELL #7 PUMP (DW-7)	71,588.53	271,200	0.2640
	WAIK WELL SITE #7/PH 1	67.74	97	0.6984
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$258,765.72	907,349	0.2852
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$258,765.72	907,349	0.2852

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$258,765.72
TOTAL KWH	907,349
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2852

WHUC CALCULATIONS:

0.2852	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.7081
	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: NOVEMBER 2017**

HELCO BILLING PERIOD:

9/10/17 to 10/06/17

Anaehoomalu STP	26,692.72
SPS #1	3,712.44
SPS#2	757.45
SPS#3	648.44
ENERGY RESOURCES - WIND	
SUBTOTAL	\$31,811.05

ENERGY RESOURCES - WIND	
GRAND TOTAL	\$31,811.05

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$31,811.05
PREVIOUS MONTH TOTAL METERED TG	71,840
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4428

**WHUC CALCULATIONS:**

0.4428		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.4711

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: NOVEMBER 2017**

HELCO BILLING PERIOD:

9/10/17-10/10/17

Irrigation Wells 1,2,3	7,580.87	26,000	0.2916
Nursery Well	3,235.35	10,646	0.3039
51' Well	1,117.09	2,883	0.3875
ENERGY RESOURCES - WIND			
SUBTOTAL	\$11,933.31	39,529	0.3019
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$11,933.31	39,529	0.3019

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$11,933.31
TOTAL KWH	39,529
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3019

**WHUC CALCULATIONS:**

0.3019	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.1714</span>

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)**