

WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: MARCH 2018

1/13/18-2/12/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,319.18	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	38.22	10	3.8220
	WAIK DEEP WELL #2 PUMP (DW-2)	16,004.17	52,800	0.3031
	WAIK WELL SITE #2/PH 1	347.98	871	0.3995
	WAIK DEEP WELL #3 PUMP (DW-3)	41,467.72	142,500	0.2910
	WAIK WELL SITE #3/PH 1 P7X	433.97	1,110	0.3910
	WAIK DEEP WELL #4 PUMP (DW-4)	7,294.82	22,600	0.3228
	WAIK DEEP WELL #5 PUMP (DW-5)	41,540.33	143,000	0.2905
	WAIK DEEP WELL #6 PUMP (DW-6)	63,665.29	224,400	0.2837
	WAIK WELL SITE #6/AUXILIARY	226.38	533	0.4247
	WAIK DEEP WELL #7 PUMP (DW-7)	74,899.87	267,900	0.2796
	WAIK WELL SITE #7/PH 1	99.37	180	0.5521
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$247,337.30	855,904	0.2890
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$247,337.30	855,904	0.2890

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$247,337.30
TOTAL KWH	855,904
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2890

WHUC CALCULATIONS:

0.2890	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.7308 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: MARCH 2018**

HELCO BILLING PERIOD:

1/11/18 to 2/08/18

Anaehoomalu STP	28,206.44
SPS #1	4,093.00
SPS#2	848.82
SPS#3	604.90
ENERGY RESOURCES - WIND	
SUBTOTAL	\$33,753.16
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$33,753.16

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$33,753.16
PREVIOUS MONTH TOTAL METERED TG	71,180
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4742

WHUC CALCULATIONS:

0.4742	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = 0.5045

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: MARCH 2018**

HELCO BILLING PERIOD:

1/11/18-2/08/18

Irrigation Wells 1,2,3	9,097.11	29,900	0.3043
Nursery Well	3,047.07	9,401	0.3241
51' Well	1,668.63	4,608	0.3621
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,812.81	43,909	0.3146
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,812.81	43,909	0.3146

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,812.81
TOTAL KWH	43,909
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3146

WHUC CALCULATIONS:

0.3146	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
X	
0.5337	Pump Efficiency Factor [kWh / TG]
X	
1.06385	(PSC/PUC fee) = 0.1786

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)**