

**WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: FEBRUARY 2018**

12/13/17-1/12/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,317.36	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	38.4	11	3.4909
	WAIK DEEP WELL #2 PUMP (DW-2)	5,329.97	15,600	0.3417
	WAIK WELL SITE #2/PH 1	358.83	917	0.3913
	WAIK DEEP WELL #3 PUMP (DW-3)	41,397.45	144,900	0.2857
	WAIK WELL SITE #3/PH 1 P7X	427.45	1,111	0.3847
	WAIK DEEP WELL #4 PUMP (DW-4)	18,184.52	62,000	0.2933
	WAIK DEEP WELL #5 PUMP (DW-5)	34,541.01	120,600	0.2864
	WAIK DEEP WELL #6 PUMP (DW-6)	62,350.92	223,800	0.2786
	WAIK WELL SITE #6/AUXILIARY	238.59	577	0.4135
	WAIK DEEP WELL #7 PUMP (DW-7)	76,452.30	279,300	0.2737
	WAIK WELL SITE #7/PH 1	71.65	105	0.6824
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$240,708.45</u>	<u>848,921</u>	0.2835
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$240,708.45</u></u>	<u><u>848,921</u></u>	0.2835

**POWER COST CALCULATIONS:**

TOTAL DOLLARS:	\$240,708.45
TOTAL KWH	<u>848,921</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ <u>0.2835</u>

**WHUC CALCULATIONS:**

0.2835	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">1.6983</span> 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 2018**

HELCO BILLING PERIOD:

12/09/17 to 1/10/18

Anaehoomalu STP	31,661.13
SPS #1	4,697.84
SPS#2	990.40
SPS#3	651.98
ENERGY RESOURCES - WIND	
SUBTOTAL	\$38,001.35
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$38,001.35

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$38,001.35
PREVIOUS MONTH TOTAL METERED TG	74,595
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5094

**WHUC CALCULATIONS:**

0.5094	UNIT PRICE FOR METERED WATER SALES [\$ / TG]		
x			
1.06385	PSC/PUC fee	=	<b>0.5420</b>

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 2018**

HELCO BILLING PERIOD:

12/09/17-01/10/18

Irrigation Wells 1,2,3	9,771.83	32,900	0.2970
Nursery Well	3,502.62	11,219	0.3122
51' Well	1,183.01	3,013	0.3926
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,457.46	47,132	0.3067
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,457.46	47,132	0.3067

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,457.46
TOTAL KWH	47,132
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3067

**WHUC CALCULATIONS:**

0.3067	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;">0.1742</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)**