

WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: DECEMBER 2019

**10/12/219-11/12/19**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	60,811.35	204800	0.2969
	WAIK WTR WELL #1 PH 1	64.76	86	0.7530
	WAIK DEEP WELL #2 PUMP (DW-2)	4,227.90	300	14.0930
	WAIK WELL SITE #2/PH 1	133.87	281	0.4764
	WAIK DEEP WELL #3 PUMP (DW-3)	32,879.45	104,400	0.3149
	WAIK WELL SITE #3/PH 1 P7X	51.28	27	1.8993
	WAIK DEEP WELL #4 PUMP (DW-4)	7,655.08	23,800	0.3216
	WAIK DEEP WELL #5 PUMP (DW-5)	20,509.47	70,000	0.2930
	WAIK DEEP WELL #6 PUMP (DW-6)	70,170.23	253,200	0.2771
	WAIK WELL SITE #6/AUXILIARY	185.26	426	0.4349
	WAIK DEEP WELL #7 PUMP (DW-7)	74,715.54	269,100	0.2776
	WAIK WELL SITE #7/PH 1	77.16	121	0.6377
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$271,481.35</u>	<u>926,541</u>	0.2930
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$271,481.35</u></u>	<u><u>926,541</u></u>	0.2930

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$271,481.35
TOTAL KWH	<u>926,541</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ <u>0.2930</u>

WHUC CALCULATIONS:

0.2930	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="background-color: yellow;">1.7549</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: DECEMBER 2019**

HELCO BILLING PERIOD:  
10/10/19-11/08/19

Anaehoomalu STP	25,834.52
SPS #1	4,377.54
SPS#2	946.27
SPS#3	872.63
ENERGY RESOURCES - WIND	
SUBTOTAL	\$32,030.96
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$32,030.96

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$32,030.96
PREVIOUS MONTH TOTAL METERED TG	70,461
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 0.4546

**WHUC CALCULATIONS:**

0.4546		UNIT PRICE FOR METERED WATER SALES [\$/ TG]	
x			
1.06385		PSC/PUC fee =	0.4836

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: DECEMBER 2019

HELCO BILLING PERIOD:

10/10/19-11/08/19

Irrigation Wells 1,2,3	9,117.48	30,500	0.2989
Nursery Well	3,314.85	10,424	0.3180
51' Well	1,707.43	4,680	0.3648
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,139.76	45,604	0.3101
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,139.76	45,604	0.3101

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,139.76
TOTAL KWH	45,604
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3101

WHUC CALCULATIONS:

0.3101	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;">0.1760</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)**