

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: May 2019**

3/15/19 - 4/12/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	67,935.63	220800	0.3077
	WAIK WTR WELL #1 PH 1	68.18	94	0.7253
	WAIK DEEP WELL #2 PUMP (DW-2)	4,242.75	2,700	1.5714
	WAIK WELL SITE #2/PH 1	133.10	275	0.4840
	WAIK DEEP WELL #3 PUMP (DW-3)	29,122.05	90,000	0.3236
	WAIK WELL SITE #3/PH 1 P7X	77.85	121	0.6434
	WAIK DEEP WELL #4 PUMP (DW-4)	16,983.56	47,200	0.3598
	WAIK DEEP WELL #5 PUMP (DW-5)	7,808.96	24,200	0.3227
	WAIK DEEP WELL #6 PUMP (DW-6)	64,885.74	228,000	0.2846
	WAIK WELL SITE #6/AUXILIARY	196.59	452	0.4349
	WAIK DEEP WELL #7 PUMP (DW-7)	72,802.03	256,800	0.2835
	WAIK WELL SITE #7/PH 1	71.05	102	0.6966
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$264,327.49</u>	<u>870,744</u>	0.3036
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$264,327.49</u></u>	<u><u>870,744</u></u>	0.3036

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$264,327.49
TOTAL KWH	<u>870,744</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3036

WHUC CALCULATIONS:

0.3036	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.8182 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 2019**

HELCO BILLING PERIOD:

3/13/19 - 4/10/19

Anaehoomalu STP	28,053.00
SPS #1	4,205.66
SPS#2	915.62
SPS#3	759.50
ENERGY RESOURCES - WIND	
SUBTOTAL	\$33,933.78
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$33,933.78

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$33,933.78
PREVIOUS MONTH TOTAL METERED TG	85,165
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3984

WHUC CALCULATIONS:

0.3984	UNIT PRICE FOR METERED WATER SALES [\$ / TG]		
x			
1.06385	PSC/PUC fee	=	0.4239

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 2019**

HELCO BILLING PERIOD:

3/13/19 - 4/10/19

Irrigation Wells 1,2,3	8,916.71	29,400	0.3033
Nursery Well	3,215.39	9,939	0.3235
51' Well	1,634.71	4,360	0.3749
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,766.81	43,699	0.3150
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,766.81	43,699	0.3150

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,766.81
TOTAL KWH	43,699
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3150

WHUC CALCULATIONS:

0.3150	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1789

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)**