

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

9/13/19 - 10/11/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	56,988.23	192800	0.2956
	WAIK WTR WELL #1 PH 1	61.93	79	0.7839
	WAIK DEEP WELL #2 PUMP (DW-2)	4,227.89	4,500	0.9395
	WAIK WELL SITE #2/PH 1	122.16	251	0.4867
	WAIK DEEP WELL #3 PUMP (DW-3)	29,182.45	102,600	0.2844
	WAIK WELL SITE #3/PH 1 P7X	51.28	25	2.0512
	WAIK DEEP WELL #4 PUMP (DW-4)	10,665.91	35,200	0.3030
	WAIK DEEP WELL #5 PUMP (DW-5)	19,438.52	66,800	0.2910
	WAIK DEEP WELL #6 PUMP (DW-6)	63,282.18	229,500	0.2757
	WAIK WELL SITE #6/AUXILIARY	140.00	302	0.4636
	WAIK DEEP WELL #7 PUMP (DW-7)	65,902.75	237,000	0.2781
	WAIK WELL SITE #7/PH 1	73.13	111	0.6588
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$250,136.43	869,168	0.2878

ENERGY RESOURCES - WIND

	\$250,136.43	869,168	0.2878
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$250,136.43
TOTAL KWH	869,168
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2878

WHUC CALCULATIONS:

0.2878	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.7237 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 2019**

HELCO BILLING PERIOD:

9/11/19-10/09/19

Anaehoomalu STP	24,057.72
SPS #1	4,243.75
SPS#2	800.80
SPS#3	772.66
ENERGY RESOURCES - WIND	
SUBTOTAL	\$29,874.93
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$29,874.93

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$29,874.93
PREVIOUS MONTH TOTAL METERED TG	96,833
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3085

WHUC CALCULATIONS:

0.3085		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee	= 0.3282

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 2019**

HELCO BILLING PERIOD:

9/11/19-10/09/19

Irrigation Wells 1,2,3	8,757.30	29,500	0.2969
Nursery Well	3,191.10	10,088	0.3163
51' Well	1,604.69	4,360	0.3680
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,553.09	43,948	0.3084
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,553.09	43,948	0.3084

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,553.09
TOTAL KWH	43,948
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3084

WHUC CALCULATIONS:

0.3084	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1751

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)**