

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

8/14/19-9/12/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	65,525.81	225600	0.2905
	WAIK WTR WELL #1 PH 1	66.79	92	0.7260
	WAIK DEEP WELL #2 PUMP (DW-2)	5,220.70	14,700	0.3551
	WAIK WELL SITE #2/PH 1	129.74	270	0.4805
	WAIK DEEP WELL #3 PUMP (DW-3)	33,457.79	116,700	0.2867
	WAIK WELL SITE #3/PH 1 P7X	51.28	27	1.8993
	WAIK DEEP WELL #4 PUMP (DW-4)	9,006.26	28,800	0.3127
	WAIK DEEP WELL #5 PUMP (DW-5)	25,229.19	87,800	0.2873
	WAIK DEEP WELL #6 PUMP (DW-6)	63,587.59	227,400	0.2796
	WAIK WELL SITE #6/AUXILIARY	141.75	304	0.4663
	WAIK DEEP WELL #7 PUMP (DW-7)	69,155.46	247,200	0.2798
	WAIK WELL SITE #7/PH 1	73.17	110	0.6652
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$271,645.53	949,003	0.2862

ENERGY RESOURCES - WIND

	\$271,645.53	949,003	0.2862
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$271,645.53
TOTAL KWH	949,003
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2862

WHUC CALCULATIONS:

0.2862	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.7144 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: OCTOBER 2019

HELCO BILLING PERIOD:

8/10/19 - 9/10/19

Anaehoomalu STP	28,399.01
SPS #1	4,757.74
SPS#2	1,021.42
SPS#3	794.49
ENERGY RESOURCES - WIND	
SUBTOTAL	\$34,972.66
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$34,972.66

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$34,972.66
PREVIOUS MONTH TOTAL METERED TG	87,366
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4003

WHUC CALCULATIONS:

0.4003		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X		
1.06385	PSC/PUC fee =	0.4259

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: OCTOBER 2019

HELCO BILLING PERIOD:

8/10/19-09/10/19

Irrigation Wells 1,2,3	9,649.19	32,300	0.2987
Nursery Well	3,486.48	11,011	0.3166
51' Well	1,711.02	4,680	0.3656
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,846.69	47,991	0.3094
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,846.69	47,991	0.3094

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,846.69
TOTAL KWH	47,991
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3094

WHUC CALCULATIONS:

0.3094	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1756

Formula used to calculate PCC **POWER COST CHARGE PER TG (WHUC)**
 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)