

WEST HAWAII UTILITY COMPANY
 POWER COST CHARGE CALCULATION
 EFFECTIVE: MAY 2018

3/15/18-4/13/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,319.18	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	34.62	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	10,114.23	31,200	0.3242
	WAIK WELL SITE #2/PH 1	339.84	827	0.4109
	WAIK DEEP WELL #3 PUMP (DW-3)	39,537.35	132,000	0.2995
	WAIK WELL SITE #3/PH 1 P7X	86.28	140	0.6163
	WAIK DEEP WELL #4 PUMP (DW-4)	4,494.52	12,400	0.3625
	WAIK DEEP WELL #5 PUMP (DW-5)	38,186.18	127,600	0.2993
	WAIK DEEP WELL #6 PUMP (DW-6)	62,713.34	213,600	0.2936
	WAIK WELL SITE #6/AUXILIARY	194.05	432	0.4492
	WAIK DEEP WELL #7 PUMP (DW-7)	77,917.29	270,900	0.2876
	WAIK WELL SITE #7/PH 1	74.86	109	0.6868
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$235,011.74	789,208	0.2978

ENERGY RESOURCES - WIND

	\$235,011.74	789,208	0.2978
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$235,011.74
TOTAL KWH	789,208
UNIT PRICE FOR ELECTRICITY [\$/ kWh]	\$ 0.2978

WHUC CALCULATIONS:

0.2978	UNIT PRICE FOR ELECTRICITY [\$/ kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.7836
	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 2018**

HELCO BILLING PERIOD:

3/13/18 to 4/11/18

Anaehoomalu STP	31,538.42
SPS #1	4,515.30
SPS#2	1,083.23
SPS#3	725.25
ENERGY RESOURCES - WIND	
SUBTOTAL	\$37,862.20

ENERGY RESOURCES - WIND	
GRAND TOTAL	\$37,862.20

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$37,862.20
PREVIOUS MONTH TOTAL METERED TG	74,991
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 0.5049

WHUC CALCULATIONS:

0.5049	UNIT PRICE FOR METERED WATER SALES [\$/ TG]
x	
1.06385	PSC/PUC fee = 0.5371

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 2018**

HELCO BILLING PERIOD:

3/13/18-4/11/18

Irrigation Wells 1,2,3	9,345.99	29,800	0.3136
Nursery Well	1,909.55	5,240	0.3644
51' Well	1,460.29	3,784	0.3859
ENERGY RESOURCES - WIND			
SUBTOTAL	\$12,715.83	38,824	0.3275
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$12,715.83	38,824	0.3275

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$12,715.83
TOTAL KWH	38,824
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3275

WHUC CALCULATIONS:

0.3275	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1860

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)**