

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

2/13/18-3/14/18

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)	23,199.88	75,900	0.3057
	WAIK WELL SITE #2/PH 1	348.45	850	0.4099
	WAIK DEEP WELL #3 PUMP (DW-3)	18,191.91	59,100	0.3078
	WAIK WELL SITE #3/PH 1 P7X	267.22	630	0.4242
	WAIK DEEP WELL #4 PUMP (DW-4)	3,125.70	6,800	0.4597
	WAIK DEEP WELL #5 PUMP (DW-5)	37,489.68	125,200	0.2994
	WAIK DEEP WELL #6 PUMP (DW-6)	64,008.32	218,400	0.2931
	WAIK WELL SITE #6/AUXILIARY	233.98	540	0.4333
	WAIK DEEP WELL #7 PUMP (DW-7)	76,860.22	266,700	0.2882
	WAIK WELL SITE #7/PH 1	104.4	189	0.5524
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$225,183.56	754,309	0.2985
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$225,183.56	754,309	0.2985

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$225,183.56
TOTAL KWH	754,309
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2985

WHUC CALCULATIONS:

0.2985	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.7880
	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: APRIL 2018**

HELCO BILLING PERIOD:

2/09/18 to 3/12/18

Anaehoomalu STP	32,951.05
SPS #1	4,884.66
SPS#2	968.83
SPS#3	750.61
ENERGY RESOURCES - WIND	
SUBTOTAL	\$39,555.15
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$39,555.15

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$39,555.15
PREVIOUS MONTH TOTAL METERED TG	63,426
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.6236

WHUC CALCULATIONS:

	0.6236		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
	X		
	1.06385	PSC/PUC fee	= 0.6635

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: APRIL 2018

HELCO BILLING PERIOD:

2/09/18-3/12/18

Irrigation Wells 1,2,3	9,889.37	31,900	0.3100
Nursery Well	2,619.75	7,711	0.3397
51' Well	942.82	2,066	0.4564
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,451.94	41,677	0.3228
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,451.94	41,677	0.3228

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,451.94
TOTAL KWH	41,677
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3228

WHUC CALCULATIONS:

0.3228	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1833

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)**