

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

11/15/18-12/13/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	73,406.35	223200	0.3289
	WAIK WTR WELL #1 PH 1	51.31	14	3.6650
	WAIK DEEP WELL #2 PUMP (DW-2)	33,912.42	102,900	0.3296
	WAIK WELL SITE #2/PH 1	147.94	286	0.5173
	WAIK DEEP WELL #3 PUMP (DW-3)	4,356.45	0	#DIV/0!
	WAIK WELL SITE #3/PH 1 P7X	81.18	118	0.6880
	WAIK DEEP WELL #4 PUMP (DW-4)	6,163.97	16,200	0.3805
	WAIK DEEP WELL #5 PUMP (DW-5)	19,273.13	54,200	0.3556
	WAIK DEEP WELL #6 PUMP (DW-6)	74,959.53	228,900	0.3275
	WAIK WELL SITE #6/AUXILIARY	214.32	453	0.4731
	WAIK DEEP WELL #7 PUMP (DW-7)	83,087.54	260,700	0.3187
	WAIK WELL SITE #7/PH 1	73.26	98	0.7476
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$295,727.40	887,069	0.3334
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$295,727.40	887,069	0.3334

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$295,727.40
TOTAL KWH	887,069
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3334

WHUC CALCULATIONS:

0.3334	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.9967
	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: JANUARY 2018**

HELCO BILLING PERIOD:

11/10/18-12/11/18

Anaehoomalu STP	32,079.20
SPS #1	4,484.84
SPS#2	994.87
SPS#3	693.47
ENERGY RESOURCES - WIND	
SUBTOTAL	\$38,252.38
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$38,252.38

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$38,252.38
PREVIOUS MONTH TOTAL METERED TG	81,736
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4680

WHUC CALCULATIONS:

0.4680		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
X			
1.06385		PSC/PUC fee	= 0.4979

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: JANUARY 2019**

HELCO BILLING PERIOD:

11/10/18-12/11/18

Irrigation Wells 1,2,3	10,907.45	32,200	0.3387
Nursery Well	3,976.22	11,167	0.3561
51' Well	1,980.67	4,940	0.4009
ENERGY RESOURCES - WIND			
SUBTOTAL	\$16,864.34	48,307	0.3491
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$16,864.34	48,307	0.3491

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$16,864.34
TOTAL KWH	48,307
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3491

WHUC CALCULATIONS:

0.3491		UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x		
0.5337		Pump Efficiency Factor [kWh / TG]
x		
1.06385		(PSC/PUC fee) = 0.1982

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)**