

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: June 2019**

4/13/19 - 5/14/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	70,704.00	229600	0.3079
	WAIK WTR WELL #1 PH 1	70.17	96	0.7309
	WAIK DEEP WELL #2 PUMP (DW-2)	4,242.75	5,400	0.7857
	WAIK WELL SITE #2/PH 1	140.10	284	0.4933
	WAIK DEEP WELL #3 PUMP (DW-3)	30,046.54	98,100	0.3063
	WAIK WELL SITE #3/PH 1 P7X	76.87	114	0.6743
	WAIK DEEP WELL #4 PUMP (DW-4)	16,927.48	53,800	0.3146
	WAIK DEEP WELL #5 PUMP (DW-5)	11,275.96	34,800	0.3240
	WAIK DEEP WELL #6 PUMP (DW-6)	72,567.49	246,000	0.2950
	WAIK WELL SITE #6/AUXILIARY	205.56	460	0.4469
	WAIK DEEP WELL #7 PUMP (DW-7)	85,619.35	293,700	0.2915
	WAIK WELL SITE #7/PH 1	79.83	122	0.6543
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$291,956.10</u>	<u>962,476</u>	0.3033
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$291,956.10</u>	<u>962,476</u>	0.3033

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$291,956.10
TOTAL KWH	<u>962,476</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3033

WHUC CALCULATIONS:

0.3033	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.8168 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: June 2019**

HELCO BILLING PERIOD:

4/11/19 - 5/10/19

Anaehoomalu STP	27,903.66
SPS #1	4,038.55
SPS#2	844.05
SPS#3	740.92
ENERGY RESOURCES - WIND	
SUBTOTAL	\$33,527.18
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$33,527.18

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$33,527.18
PREVIOUS MONTH TOTAL METERED TG	71,544
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4686

WHUC CALCULATIONS:

0.4686	UNIT PRICE FOR METERED WATER SALES [\$ / TG]		
x			
1.06385	PSC/PUC fee	=	0.4985

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: June 2019

HELCO BILLING PERIOD:

4/11/19 - 5/10/19

Irrigation Wells 1,2,3	9,671.97	30,600	0.3161
Nursery Well	3,492.05	10,417	0.3352
51' Well	1,686.38	4,335	0.3890
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,850.40	45,352	0.3274
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,850.40	45,352	0.3274

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,850.40
TOTAL KWH	45,352
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3274

WHUC CALCULATIONS:

0.3274	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1859

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)**