

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: APRIL 2020**

2/12/20-3/12/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	64,497.31	200800	0.3212
	WAIK WTR WELL #1 PH 1	70.33	93	0.7562
	WAIK DEEP WELL #2 PUMP (DW-2)	29,690.21	95,100	0.3122
	WAIK WELL SITE #2/PH 1	147.71	299	0.4940
	WAIK DEEP WELL #3 PUMP (DW-3)	1,114.23	300	3.7141
	WAIK WELL SITE #3/PH 1 P7X	52.93	19	2.7858
	WAIK DEEP WELL #4 PUMP (DW-4)	5,373.76	14,400	0.3732
	WAIK DEEP WELL #5 PUMP (DW-5)	12,297.57	37,600	0.3271
	WAIK DEEP WELL #6 PUMP (DW-6)	71,333.87	236,700	0.3014
	WAIK WELL SITE #6/AUXILIARY	235.23	532	0.4422
	WAIK DEEP WELL #7 PUMP (DW-7)	74,969.97	247,200	0.3033
	WAIK WELL SITE #7/PH 1	80.09	119	0.6730
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$259,863.21</u>	<u>833,162</u>	0.3119
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ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$259,863.21</u></u>	<u><u>833,162</u></u>	0.3119

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$259,863.21
TOTAL KWH	<u>833,162</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3119

WHUC CALCULATIONS:

0.3119	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.8681 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 2020**

HELCO BILLING PERIOD:
02/08/2020-03/10/2020

Anaehoomalu STP	31,276.21
SPS #1	5,013.48
SPS#2	1,022.14
SPS#3	1,122.52
ENERGY RESOURCES - WIND	
SUBTOTAL	\$38,434.35
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$38,434.35

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$38,434.35
PREVIOUS MONTH TOTAL METERED TG	71,339
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5388

WHUC CALCULATIONS:

0.5388		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.5732

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 2020**

HELCO BILLING PERIOD:

2/8/20-3/10/20

Irrigation Wells 1,2,3	10,313.87	32,100	0.3213
Nursery Well	3,230.98	9,297	0.3475
51' Well	1,685.53	4,200	0.4013
ENERGY RESOURCES - WIND			
SUBTOTAL	\$15,230.38	45,597	0.3340
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$15,230.38	45,597	0.3340

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$15,230.38
TOTAL KWH	45,597
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3340

WHUC CALCULATIONS:

0.3340	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
0.5337	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	(PSC/PUC fee) =	0.1896

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)**