

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE MAY 2021**

3/13/21-4/13/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,312.79	0	-	*Estimate
	WAIK WTR WELL #1 PH 1	221.79	543	0.4085	
	WAIK DEEP WELL #2 PUMP (DW-2)	32,446.95	116,700	0.2780	
	WAIK WELL SITE #2/PH 1	137.11	295	0.4648	
	WAIK DEEP WELL #3 PUMP (DW-3)	17,668.06	61,800	0.2859	
	WAIK WELL SITE #3/PH 1 P7X	51.37	27	1.9026	
	WAIK DEEP WELL #4 PUMP (DW-4)	23,568.59	84,200	0.2799	
	WAIK DEEP WELL #5 PUMP (DW-5)	3,811.38	0	-	
	WAIK DEEP WELL #6 PUMP (DW-6)	46,333.90	160,800	0.2881	
	WAIK WELL SITE #6/AUXILIARY	335.51	876	0.3830	
	WAIK DEEP WELL #7 PUMP (DW-7)	74,154.47	278,100	0.2666	
	WAIK WELL SITE #7/PH 1	75.28	114	0.6604	
	WAIK WELL #8 CNTRL BLDG/PH 1	419.85	1123	0.3739	
	WAIK WELL #8 CNTRL BLDG/PH 3	50,710.83	178800	0.2836	

ENERGY RESOURCES - WIND				-	
SUBTOTAL		<u>\$262,247.88</u>	<u>883,378</u>	0.2969	

ENERGY RESOURCES - WIND					
GRAND TOTAL		<u><u>\$262,247.88</u></u>	<u><u>883,378</u></u>	0.2969	

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$262,247.88
TOTAL KWH	883,378
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<u>\$ 0.2969</u>

WHUC CALCULATIONS:

0.2969	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.7781 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)

*No bill available per Hawaiian Electric pending meter replacement

**WEST HAWAII UTILITY COMPANY-SEWER
POWER COST CHARGE CALCULATION
EFFECTIVE MAY 2021**

HELCO BILLING PERIOD:

3/11/21-4/9/21

Anaehoomalu STP	26,718.42
SPS #1	3,714.91
SPS#2	839.69
SPS#3	662.64
ENERGY RESOURCES - WIND	
SUBTOTAL	\$31,935.66
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$31,935.66

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$31,935.66
PREVIOUS MONTH TOTAL METERED TG	63,245
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5050

WHUC CALCULATIONS:

0.5050		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.5372

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 2021**

HELCO BILLING PERIOD:

3/11/21-4/9/21

Irrigation Wells 1,2,3	8,507.08	30,100	0.2826
Nursery Well	2,539.05	7,805	0.3253
51' Well	468.15	360	1.3004
ENERGY RESOURCES - WIND			
SUBTOTAL	\$11,514.28	38,265	0.3009
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$11,514.28	38,265	0.3009

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$11,514.28
TOTAL KWH	38,265
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3009

WHUC CALCULATIONS:

0.3009	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1708

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)**

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4-28-21
DATE

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4/29/21
DATE

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5/10/21
DATE