

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

8/12/21 - 9/13/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	80,606.02	256000	0.3149
	WAIK WTR WELL #1 PH 1	258.26	583	0.4430
	WAIK DEEP WELL #2 PUMP (DW-2)	58,699.34	188,400	0.3116
	WAIK WELL SITE #2/PH 1	158.89	322	0.4934
	WAIK DEEP WELL #3 PUMP (DW-3)	28,230.63	88,800	0.3179
	WAIK WELL SITE #3/PH 1 P7X	51.30	27	1.9000
	WAIK DEEP WELL #4 PUMP (DW-4)	13,146.81	39,600	0.3320
	WAIK DEEP WELL #5 PUMP (DW-5)	9,542.11	27,800	0.3432
	WAIK DEEP WELL #6 PUMP (DW-6)	79,600.56	262,200	0.3036
	WAIK WELL SITE #6/AUXILIARY	193.55	413	0.4686
	WAIK DEEP WELL #7 PUMP (DW-7)	67,510.69	213,600	0.3161
	WAIK WELL SITE #7/PH 1	109.02	191	0.5708
	WAIK WELL #8 CNTRL BLDG/PH 1	471.08	1142	0.4125
	WAIK WELL #8 CNTRL BLDG/PH 3	10,329.89	600	17.2165
	SUBTOTAL	\$348,908.15	1,079,678	0.3232

ENERGY RESOURCES - WIND

GRAND TOTAL	\$348,908.15	1,079,678	0.3232
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$348,908.15
TOTAL KWH	1,079,678
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3232

WHUC CALCULATIONS:

0.3232	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.9356 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 OCTOBER 2021**

HELCO BILLING PERIOD:

8/10/21 - 9/9/21

Anaehoomalu STP	30,374.89
SPS #1	4,045.14
SPS#2	989.59
SPS#3	685.91
 GRAND TOTAL	 \$36,095.53

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$36,095.53
PREVIOUS MONTH TOTAL METERED TG	77,798
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4640

WHUC CALCULATIONS:

0.4640	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = 0.4936

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 OCTOBER 2021**

HELCO BILLING PERIOD:

08/10/21 -09/09/21

Irrigation Wells 1,2,3	10,148.12	31,000	0.3274
Nursery Well	3,117.79	8,743	0.3566
51' Well	1,866.53	4,680	0.3988
 SUBTOTAL	\$15,132.44	44,423	0.3406

ENERGY RESOURCES - WIND

 GRAND TOTAL	\$15,132.44	44,423	0.3406
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$15,132.44
TOTAL KWH	44,423
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3406

WHUC CALCULATIONS:

0.3406	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1934

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)**