

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

9/14/21-10-13/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	77,479.09	242400	0.3196
	WAIK WTR WELL #1 PH 1	237.68	526	0.4519
	WAIK DEEP WELL #2 PUMP (DW-2)	52,547.36	156,300	0.3362
	WAIK WELL SITE #2/PH 1	142.74	278	0.5135
	WAIK DEEP WELL #3 PUMP (DW-3)	22,499.19	69,600	0.3233
	WAIK WELL SITE #3/PH 1 P7X	51.30	26	1.9731
	WAIK DEEP WELL #4 PUMP (DW-4)	16,930.00	42,400	0.3993
	WAIK DEEP WELL #5 PUMP (DW-5)	4,777.21	12,000	0.3981
	WAIK DEEP WELL #6 PUMP (DW-6)	73,311.35	236,700	0.3097
	WAIK WELL SITE #6/AUXILIARY	184.07	386	0.4769
	WAIK DEEP WELL #7 PUMP (DW-7)	60,400.71	185,100	0.3263
	WAIK WELL SITE #7/PH 1	106.36	183	0.5812
	WAIK WELL #8 CNTRL BLDG/PH 1	441.36	1058	0.4172
	WAIK WELL #8 CNTRL BLDG/PH 3	10,329.89	600	17.2165
	SUBTOTAL	\$319,438.31	947,557	0.3371

ENERGY RESOURCES - WIND

GRAND TOTAL	\$319,438.31	947,557	0.3371
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$319,438.31
TOTAL KWH	947,557
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3371

WHUC CALCULATIONS:

0.3371	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 2.0192 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 NOVEMBER 2021**

HELCO BILLING PERIOD:

9/10/21-10/08/21

Anaehoomalu STP	26,380.36
SPS #1	3,437.68
SPS#2	751.90
SPS#3	583.27
 GRAND TOTAL	 <u>\$31,153.21</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$31,153.21
PREVIOUS MONTH TOTAL METERED TG	<u>90,541</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3441

WHUC CALCULATIONS:

0.3441	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = 0.3660

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 NOVEMBER 2021**

HELCO BILLING PERIOD:

9/10/21-10/08/21

Irrigation Wells 1,2,3	9,713.51	29,300	0.3315
Nursery Well	3,004.30	8,293	0.3623
51' Well	1,830.34	4,520	0.4049
 SUBTOTAL	\$14,548.15	42,113	0.3455

ENERGY RESOURCES - WIND

GRAND TOTAL	\$14,548.15	42,113	0.3455
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,548.15
TOTAL KWH	42,113
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3455

WHUC CALCULATIONS:

0.3455	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
X	
0.5337	Pump Efficiency Factor [kWh / TG]
X	
1.06385	(PSC/PUC fee) = 0.1961

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)**