

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

**5/13/21 - 6/11/21**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,312.79	0	-	*Estimate
	WAIK WTR WELL #1 PH 1	218.87	503	0.4351	
	WAIK DEEP WELL #2 PUMP (DW-2)	61,393.79	198,000	0.3101	
	WAIK WELL SITE #2/PH 1	137.97	280	0.4928	
	WAIK DEEP WELL #3 PUMP (DW-3)	39,432.31	133,200	0.2960	
	WAIK WELL SITE #3/PH 1 P7X	51.37	28	1.8346	
	WAIK DEEP WELL #4 PUMP (DW-4)	33,568.02	113,200	0.2965	
	WAIK DEEP WELL #5 PUMP (DW-5)	11,746.27	37,200	0.3158	
	WAIK DEEP WELL #6 PUMP (DW-6)	73,349.13	255,600	0.2870	
	WAIK WELL SITE #6/AUXILIARY	175.36	383	0.4579	
	WAIK DEEP WELL #7 PUMP (DW-7)	79,473.39	276,300	0.2876	
	WAIK WELL SITE #7/PH 1	69.03	90	0.7670	
	WAIK WELL #8 CNTRL BLDG/PH 1	413.00	1038	0.3979	
	WAIK WELL #8 CNTRL BLDG/PH 3	10,339.09	300	34.4636	

ENERGY RESOURCES - WIND

SUBTOTAL	\$322,680.39	1,016,122	0.3176
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ENERGY RESOURCES - WIND

GRAND TOTAL	\$322,680.39	1,016,122	0.3176
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$322,680.39
TOTAL KWH	1,016,122
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3176

WHUC CALCULATIONS:

0.3176	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">1.9020</span> 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 JULY 2021**

HELCO BILLING PERIOD:

5/11/21-6/9/21

Anaehoomalu STP	27,866.26
SPS #1	4,259.90
SPS#2	903.69
SPS#3	700.76
ENERGY RESOURCES - WIND	
SUBTOTAL	\$33,730.61
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$33,730.61

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$33,730.61
PREVIOUS MONTH TOTAL METERED TG	83,633
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4033

**WHUC CALCULATIONS:**

0.4033		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x		
1.06385	PSC/PUC fee	= <span style="background-color: yellow; border: 1px solid black; padding: 2px;">0.4291</span>

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 JULY 2021**

HELCO BILLING PERIOD:

5/11/21 - 6/9/21

Irrigation Wells 1,2,3	9,412.35	30,300	0.3106
Nursery Well	2,926.34	8,601	0.3402
51' Well	1,785.98	4,680	0.3816
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,124.67	43,581	0.3241
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,124.67	43,581	0.3241

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,124.67
TOTAL KWH	43,581
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3241

**WHUC CALCULATIONS:**

0.3241	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.1840</span>

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)**