

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

**4/14/21-5/12/21**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,312.79	0	-	*Estimate
	WAIK WTR WELL #1 PH 1	207.87	488	0.4260	
	WAIK DEEP WELL #2 PUMP (DW-2)	49,151.18	173,100	0.2839	
	WAIK WELL SITE #2/PH 1	131.97	272	0.4852	
	WAIK DEEP WELL #3 PUMP (DW-3)	33,697.29	117,600	0.2865	
	WAIK WELL SITE #3/PH 1 P7X	51.37	26	1.9758	
	WAIK DEEP WELL #4 PUMP (DW-4)	34,029.72	119,200	0.2855	
	WAIK DEEP WELL #5 PUMP (DW-5)	3,811.37	0	-	
	WAIK DEEP WELL #6 PUMP (DW-6)	58,834.91	198,000	0.2971	
	WAIK WELL SITE #6/AUXILIARY	206.45	484	0.4265	
	WAIK DEEP WELL #7 PUMP (DW-7)	72,478.86	260,100	0.2787	
	WAIK WELL SITE #7/PH 1	70.46	97	0.7264	
	WAIK WELL #8 CNTRL BLDG/PH 1	390.60	1008	0.3875	
	WAIK WELL #8 CNTRL BLDG/PH 3	10,339.09	600	17.2318	
ENERGY RESOURCES - WIND				-	
	SUBTOTAL	<u>\$275,713.93</u>	<u>870,975</u>	0.3166	

ENERGY RESOURCES - WIND

GRAND TOTAL	<u>\$275,713.93</u>	<u>870,975</u>	0.3166
-------------	---------------------	----------------	--------

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$275,713.93
TOTAL KWH	870,975
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<u>\$ 0.3166</u>

WHUC CALCULATIONS:

0.3166	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <b>1.8960</b> 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 JUNE 2021**

HELCO BILLING PERIOD:

4/10/21-5/10/21

Anaehoomalu STP	25,517.36
SPS #1	3,679.76
SPS#2	731.04
SPS#3	635.97
ENERGY RESOURCES - WIND	
SUBTOTAL	\$30,564.13
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$30,564.13

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$30,564.13
PREVIOUS MONTH TOTAL METERED TG	68,368
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4471

WHUC CALCULATIONS:

0.4471		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.4756

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 JUNE 2021**

HELCO BILLING PERIOD:

4/10/21-5/10/21

Irrigation Wells 1,2,3	9,323.49	31,300	0.2979
Nursery Well	2,898.66	8,876	0.3266
51' Well	1,770.27	4,680	0.3783
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,992.42	44,856	0.3119
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,992.42	44,856	0.3119

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,992.42
TOTAL KWH	44,856
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3119

WHUC CALCULATIONS:

0.3119	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;">0.1771</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)**