

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: AUGUST 2020**

6/13/20-7/13/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	51,625.98	208800	0.2473
	WAIK WTR WELL #1 PH 1	63.20	91	0.6945
	WAIK DEEP WELL #2 PUMP (DW-2)	29,826.75	110,700	0.2694
	WAIK WELL SITE #2/PH 1	122.55	285	0.4300
	WAIK DEEP WELL #3 PUMP (DW-3)	3,949.70	1,500	2.6331
	WAIK WELL SITE #3/PH 1 P7X	52.91	19	2.7847
	WAIK DEEP WELL #4 PUMP (DW-4)	3,850.11	8,600	0.4477
	WAIK DEEP WELL #5 PUMP (DW-5)	3,783.03	12,000	0.3153
	WAIK DEEP WELL #6 PUMP (DW-6)	55,612.28	243,300	0.2286
	WAIK WELL SITE #6/AUXILIARY	154.04	388	0.3970
	WAIK DEEP WELL #7 PUMP (DW-7)	61,842.03	271,800	0.2275
	WAIK WELL SITE #7/PH 1	84.00	159	0.5283
	WAIK WELL #8 CNTRL BLDG/PH 1			
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$210,966.58</u>	<u>857,642</u>	0.2460
			3	
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$210,966.58</u>	<u>857,642</u>	0.2460

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$210,966.58
TOTAL KWH	<u>857,642</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2460

WHUC CALCULATIONS:

0.2460	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.4733 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: AUGUST 2020**

HELCO BILLING PERIOD:
6/10/20-7/9/20

Anaehoomalu STP	16,469.77
SPS #1	2,353.84
SPS#2	462.36
SPS#3	805.74
ENERGY RESOURCES - WIND	
SUBTOTAL	\$20,091.71
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$20,091.71

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$20,091.71
PREVIOUS MONTH TOTAL METERED TG	67,755
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 0.2965

WHUC CALCULATIONS:

	0.2965		UNIT PRICE FOR METERED WATER SALES [\$/ TG]
	x		
	1.06385	PSC/PUC fee =	0.3155

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: AUGUST 2020**

HELCO BILLING PERIOD:

6/10/20-7/9/20

Irrigation Wells 1,2,3	7,595.23	30,200	0.2515
Nursery Well	2,813.53	10,361	0.2716
51' Well	1,460.82	4,520	0.3232
ENERGY RESOURCES - WIND			
SUBTOTAL	\$11,869.58	45,081	0.2633
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$11,869.58	45,081	0.2633

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$11,869.58
TOTAL KWH	45,081
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2633

WHUC CALCULATIONS:

0.2633	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1495

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)**