

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

5/13/20-6/12/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	50,154.57	196000	0.2559
	WAIK WTR WELL #1 PH 1	61.16	83	0.7369
	WAIK DEEP WELL #2 PUMP (DW-2)	27,283.81	97,500	0.2798
	WAIK WELL SITE #2/PH 1	121.71	278	0.4378
	WAIK DEEP WELL #3 PUMP (DW-3)	3,950.22	9,300	0.4248
	WAIK WELL SITE #3/PH 1 P7X	52.93	20	2.6465
	WAIK DEEP WELL #4 PUMP (DW-4)	3,850.63	6,400	0.6017
	WAIK DEEP WELL #5 PUMP (DW-5)	7,251.62	26,600	0.2726
	WAIK DEEP WELL #6 PUMP (DW-6)	56,665.04	242,400	0.2338
	WAIK WELL SITE #6/AUXILIARY	157.74	394	0.4004
	WAIK DEEP WELL #7 PUMP (DW-7)	64,524.64	278,400	0.2318
	WAIK WELL SITE #7/PH 1	105.59	226	0.4672
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$214,179.66</u>	<u>857,601</u>	0.2497
			3	
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$214,179.66</u></u>	<u><u>857,601</u></u>	0.2497

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$214,179.66
TOTAL KWH	857,601
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<u>\$ 0.2497</u>

WHUC CALCULATIONS:

0.2497	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.4958 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: JULY 2020**

HELCO BILLING PERIOD:

5/9/20-6/9/20

Anaehoomalu STP	17,849.93
SPS #1	2,146.18
SPS#2	497.35
SPS#3	806.12
ENERGY RESOURCES - WIND	
SUBTOTAL	\$21,299.58
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$21,299.58

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$21,299.58
PREVIOUS MONTH TOTAL METERED TG	67,386
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3161

WHUC CALCULATIONS:

0.3161		UNIT PRICE FOR METERED WATER SALES [\$ / TG]
X		
1.06385	PSC/PUC fee =	0.3363

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 2020**

HELCO BILLING PERIOD:

5/9/20-6/9/20

Irrigation Wells 1,2,3	8,325.36	32,400	0.2570
Nursery Well	3,039.27	11,010	0.2760
51' Well	1,568.97	4,840	0.3242
ENERGY RESOURCES - WIND			
SUBTOTAL	\$12,933.60	48,250	0.2681
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$12,933.60	48,250	0.2681

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$12,933.60
TOTAL KWH	48,250
UNIT PRICE FOR ELECTRICITY [\$/ kWh]	\$ 0.2681

WHUC CALCULATIONS:

0.2681	UNIT PRICE FOR ELECTRICITY [\$/ kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1522

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)**