

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

04/14/20-05/11/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	51,613.84	176000	0.2933
	WAIK WTR WELL #1 PH 1	62.24	79	0.7878
	WAIK DEEP WELL #2 PUMP (DW-2)	26,392.34	83,400	0.3165
	WAIK WELL SITE #2/PH 1	121.04	252	0.4803
	WAIK DEEP WELL #3 PUMP (DW-3)	4,792.24	14,100	0.3399
	WAIK WELL SITE #3/PH 1 P7X	52.93	19	2.7858
	WAIK DEEP WELL #4 PUMP (DW-4)	3,850.63	6,000	0.6418
	WAIK DEEP WELL #5 PUMP (DW-5)	4,776.60	14,200	0.3364
	WAIK DEEP WELL #6 PUMP (DW-6)	61,129.94	229,500	0.2664
	WAIK WELL SITE #6/AUXILIARY	177.45	418	0.4245
	WAIK DEEP WELL #7 PUMP (DW-7)	66,049.97	247,500	0.2669
	WAIK WELL SITE #7/PH 1	73.12	111	0.6587
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$219,092.34</u>	<u>771,579</u>	0.2840
			3	
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u>\$219,092.34</u>	<u>771,579</u>	0.2840

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$219,092.34
TOTAL KWH	<u>771,579</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2840

WHUC CALCULATIONS:

0.2840	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.7007 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: JUNE 2020**

HELCO BILLING PERIOD:

4/9/20-5/8/20

Anaehoomalu STP	18,113.00
SPS #1	2,007.05
SPS#2	435.29
SPS#3	806.11
ENERGY RESOURCES - WIND	
SUBTOTAL	\$21,361.45
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$21,361.45

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$21,361.45
PREVIOUS MONTH TOTAL METERED TG	60,840
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 0.3511

WHUC CALCULATIONS:

	0.3511		UNIT PRICE FOR METERED WATER SALES [\$/ TG]
	x		
	1.06385	PSC/PUC fee =	0.3735

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 2020**

HELCO BILLING PERIOD:

4/9/20-5/8/20

Irrigation Wells 1,2,3	8,840.86	30,200	0.2927
Nursery Well	3,214.61	10,263	0.3132
51' Well	1,691.23	4,680	0.3614
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,746.70	45,143	0.3045
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,746.70	45,143	0.3045

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,746.70
TOTAL KWH	45,143
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3045

WHUC CALCULATIONS:

0.3045	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1729

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)**