

WEST HAWAII UTILITY COMPANY
 POWER COST CHARGE CALCULATION
 EFFECTIVE: September 2019

7/16/19-8/13/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	64,054.99	212000	0.3021
	WAIK WTR WELL #1 PH 1	65.77	87	0.7560
	WAIK DEEP WELL #2 PUMP (DW-2)	12,571.28	39,900	0.3151
	WAIK WELL SITE #2/PH 1	128.40	260	0.4938
	WAIK DEEP WELL #3 PUMP (DW-3)	39,784.78	135,300	0.2940
	WAIK WELL SITE #3/PH 1 P7X	51.28	46	1.1148
	WAIK DEEP WELL #4 PUMP (DW-4)	7,648.39	23,200	0.3297
	WAIK DEEP WELL #5 PUMP (DW-5)	15,976.92	52,400	0.3049
	WAIK DEEP WELL #6 PUMP (DW-6)	64,066.50	221,700	0.2890
	WAIK WELL SITE #6/AUXILIARY	133.47	274	0.4871
	WAIK DEEP WELL #7 PUMP (DW-7)	74,311.67	259,500	0.2864
	WAIK WELL SITE #7/PH 1	65.40	86	0.7605
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$278,858.85</u>	<u>944,753</u>	0.2952
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$278,858.85</u></u>	<u><u>944,753</u></u>	0.2952

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$278,858.85
TOTAL KWH	<u>944,753</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<u>\$ 0.2952</u>

WHUC CALCULATIONS:

0.2952	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.7679 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: September 2019**

HELCO BILLING PERIOD:

7/12/19-8/9/19

Anaehoomalu STP	28,576.79
SPS #1	5,358.18
SPS#2	1,033.98
SPS#3	756.49
ENERGY RESOURCES - WIND	
SUBTOTAL	\$35,725.44
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$35,725.44

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$35,725.44
PREVIOUS MONTH TOTAL METERED TG	83,374
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4285

WHUC CALCULATIONS:

0.4285		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
X			
1.06385		PSC/PUC fee	=
			0.4559

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: September 2019**

HELCO BILLING PERIOD:

7/12/19-8/9/19

Irrigation Wells 1,2,3	9,214.50	29,700	0.3103
Nursery Well	3,315.88	10,047	0.3300
51' Well	1,663.72	4,360	0.3816
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,194.10	44,107	0.3218
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,194.10	44,107	0.3218

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,194.10
TOTAL KWH	44,107
UNIT PRICE FOR ELECTRICITY [\$/ kWh]	\$ 0.3218

WHUC CALCULATIONS:

0.3218	UNIT PRICE FOR ELECTRICITY [\$/ kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1827

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)**