

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

02/13/19 - 03/14/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	56,314.30	192000	0.2933
	WAIK WTR WELL #1 PH 1	65.33	88	0.7424
	WAIK DEEP WELL #2 PUMP (DW-2)	4,242.75	1,500	2.8285
	WAIK WELL SITE #2/PH 1	159.68	357	0.4473
	WAIK DEEP WELL #3 PUMP (DW-3)	26,110.71	81,600	0.3200
	WAIK WELL SITE #3/PH 1 P7X	78.30	125	0.6264
	WAIK DEEP WELL #4 PUMP (DW-4)	16,255.87	46,000	0.3534
	WAIK DEEP WELL #5 PUMP (DW-5)	6,631.39	20,600	0.3219
	WAIK DEEP WELL #6 PUMP (DW-6)	65,262.20	237,300	0.2750
	WAIK WELL SITE #6/AUXILIARY	242.46	593	0.4089
	WAIK DEEP WELL #7 PUMP (DW-7)	69,247.94	250,800	0.2761
	WAIK WELL SITE #7/PH 1	88.83	155	0.5731
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$244,699.76</u>	<u>831,118</u>	0.2944
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$244,699.76</u></u>	<u><u>831,118</u></u>	0.2944

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$244,699.76
TOTAL KWH	<u>831,118</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	<u>\$ 0.2944</u>

WHUC CALCULATIONS:

0.2944	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.7634 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: April 2019

HELCO BILLING PERIOD:

02/09/19 - 03/12/19

Anaehoomalu STP	29,654.39
SPS #1	4,409.55
SPS#2	927.41
SPS#3	703.35
ENERGY RESOURCES - WIND	
SUBTOTAL	\$35,694.70
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$35,694.70

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$35,694.70
PREVIOUS MONTH TOTAL METERED TG	69,869
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.5109

WHUC CALCULATIONS:

0.5109		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
X			
1.06385	PSC/PUC fee	=	0.5435

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: April 2019**

HELCO BILLING PERIOD:

02/09/19 - 03/12/19

Irrigation Wells 1,2,3	9,580.92	32,600	0.2939
Nursery Well	2,742.57	8,476	0.3236
51' Well	1,514.69	4,040	0.3749
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,838.18	45,116	0.3067
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,838.18	45,116	0.3067

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,838.18
TOTAL KWH	45,116
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3067

WHUC CALCULATIONS:

0.3067	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1742

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)**