

WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JUNE 2017

4/13/17-5/12/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	0	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	32.82	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	18,084.04	66,900	0.2703
	WAIK WELL SITE #2/PH 1	204.42	523	0.3909
	WAIK DEEP WELL #3 PUMP (DW-3)	39,955.80	152,400	0.2622
	WAIK WELL SITE #3/PH 1 P7X	395.37	1,105	0.3578
	WAIK DEEP WELL #4 PUMP (DW-4)	15,181.16	56,000	0.2711
	WAIK DEEP WELL #5 PUMP (DW-5)	36,756.27	140,000	0.2625
	WAIK DEEP WELL #6 PUMP (DW-6)	51,964.00	198,600	0.2617
	WAIK WELL SITE #6/AUXILIARY	163.40	398	0.4106
	WAIK DEEP WELL #7 PUMP (DW-7)	66,790.75	265,500	0.2516
	WAIK WELL SITE #7/PH 1	336.31	925	0.3636
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$229,864.34	882,351	0.2605
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$229,864.34	882,351	0.2605

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$229,864.34
TOTAL KWH	882,351
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2605

WHUC CALCULATIONS:

0.2605	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.5603 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 2017

HELCO BILLING PERIOD:

4/11/17 to 5/10/17

Anaehoomalu STP	24,685.99
SPS #1	3,716.98
SPS#2	832.54
SPS#3	515.96
ENERGY RESOURCES - WIND	
SUBTOTAL	\$29,751.47

ENERGY RESOURCES - WIND	
GRAND TOTAL	\$29,751.47

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$29,751.47
PREVIOUS MONTH TOTAL METERED TG	69,598
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4275

WHUC CALCULATIONS:

	0.4275			UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
	X				
	1.06385		PSC/PUC fee	=	0.4548

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 2017**

HELCO BILLING PERIOD:

4/11/17-5/10/17

Irrigation Wells 1,2,3	8,660.01	31,500	0.2749
Nursery Well	2,739.88	9,288	0.2950
51' Well	1,535.16	4,780	0.3212
ENERGY RESOURCES - WIND			
SUBTOTAL	\$12,935.05	45,568	0.2839
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$12,935.05	45,568	0.2839

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$12,935.05
TOTAL KWH	45,568
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2839

WHUC CALCULATIONS:

0.2839	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1612

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)**