

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

11/16/16 to 12/14/16

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	0	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	32.68	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	13,641.73	50,400	0.2707
	WAIK WELL SITE #2/PH 1	285.50	780	0.3660
	WAIK DEEP WELL #3 PUMP (DW-3)	32,041.25	123,600	0.2592
	WAIK WELL SITE #3/PH 1 P7X	366.19	1,029	0.3559
	WAIK DEEP WELL #4 PUMP (DW-4)	16,953.92	64,000	0.2649
	WAIK DEEP WELL #5 PUMP (DW-5)	33,207.15	125,400	0.2648
	WAIK DEEP WELL #6 PUMP (DW-6)	50,307.91	195,000	0.2580
	WAIK WELL SITE #6/AUXILIARY	206.07	535	0.3852
	WAIK DEEP WELL #7 PUMP (DW-7)	63,460.31	253,200	0.2506
	WAIK WELL SITE #7/PH 1	320.17	887	0.3610
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$210,822.88	814,831	0.2587
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$210,822.88	814,831	0.2587

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$210,822.88
TOTAL KWH	814,831
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2587

WHUC CALCULATIONS:

0.2587	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.5497
	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: JANUARY 2017**

HELCO BILLING PERIOD:

11/13/16 to 12/12/16

Anaehoomalu STP	23,850.51
SPS #1	3,937.50
SPS#2	803.90
SPS#3	508.36
ENERGY RESOURCES - WIND	
SUBTOTAL	\$29,100.27
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$29,100.27

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$29,100.27
PREVIOUS MONTH TOTAL METERED TG	85,250
UNIT PRICE FOR METERED WATER SALES [\$/ TG]	\$ 0.3414

WHUC CALCULATIONS:

0.3414		UNIT PRICE FOR METERED WATER SALES [\$/ TG]	
X			
1.06385		PSC/PUC fee	= 0.3631

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: JANUARY 2017**

HELCO BILLING PERIOD:

11/13/16 to 12/12/16

Irrigation Wells 1,2,3	7,771.79	28,700	0.2708
Nursery Well	2,623.05	9,038	0.2902
51' Well	0.00	0	#DIV/0!
ENERGY RESOURCES - WIND			
SUBTOTAL	\$10,394.84	37,738	0.2754
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$10,394.84	37,738	0.2754

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$10,394.84
TOTAL KWH	37,738
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2754

WHUC CALCULATIONS:

0.2754	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1564

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)**