

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

8/12/17-9/12/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	62.17	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	33.43	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	36,264.71	137,700	0.2634
	WAIK WELL SITE #2/PH 1	325.20	887	0.3666
	WAIK DEEP WELL #3 PUMP (DW-3)	49,553.23	181,200	0.2735
	WAIK WELL SITE #3/PH 1 P7X	413.03	1,154	0.3579
	WAIK DEEP WELL #4 PUMP (DW-4)	30,314.22	115,000	0.2636
	WAIK DEEP WELL #5 PUMP (DW-5)	16,038.34	59,400	0.2700
	WAIK DEEP WELL #6 PUMP (DW-6)	64,038.78	244,800	0.2616
	WAIK WELL SITE #6/AUXILIARY	149.53	353	0.4236
	WAIK DEEP WELL #7 PUMP (DW-7)	74,026.58	297,000	0.2492
	WAIK WELL SITE #7/PH 1	69.62	110	0.6329
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$271,288.84	1,037,604	0.2615
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$271,288.84	1,037,604	0.2615

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$271,288.84
TOTAL KWH	1,037,604
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2615

WHUC CALCULATIONS:

0.2615	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">1.5660</span> 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: OCTOBER 2017**

HELCO BILLING PERIOD:

8/10/17 to 9/09/17

Anaehoomalu STP	26,208.26
SPS #1	3,864.14
SPS#2	866.26
SPS#3	763.33
ENERGY RESOURCES - WIND	
SUBTOTAL	\$31,701.99
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$31,701.99

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$31,701.99
PREVIOUS MONTH TOTAL METERED TG	85,863
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.3692

**WHUC CALCULATIONS:**

0.3692		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	<b>0.3928</b>

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: OCTOBER 2017**

HELCO BILLING PERIOD:

8/10/17-9/9/17

Irrigation Wells 1,2,3	8,676.27	31,800	0.2728
Nursery Well	3,053.63	10,575	0.2888
51' Well	2.07	3	0.6900
ENERGY RESOURCES - WIND			
SUBTOTAL	\$11,731.97	42,378	0.2768
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$11,731.97	42,378	0.2768

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$11,731.97
TOTAL KWH	42,378
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2768

**WHUC CALCULATIONS:**

0.2768	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
0.5337	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	(PSC/PUC fee) =	<b>0.1572</b>

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)**