

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

6/14/17-7/13/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	0	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	32.78	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	22,952.68	75,300	0.3048
	WAIK WELL SITE #2/PH 1	205.95	522	0.3945
	WAIK DEEP WELL #3 PUMP (DW-3)	38,789.02	145,500	0.2666
	WAIK WELL SITE #3/PH 1 P7X	392.06	1,083	0.3620
	WAIK DEEP WELL #4 PUMP (DW-4)	34,433.46	129,000	0.2669
	WAIK DEEP WELL #5 PUMP (DW-5)	34,518.31	129,400	0.2668
	WAIK DEEP WELL #6 PUMP (DW-6)	52,667.62	196,800	0.2676
	WAIK WELL SITE #6/AUXILIARY	151.22	357	0.4236
	WAIK DEEP WELL #7 PUMP (DW-7)	71,808.10	280,800	0.2557
	WAIK WELL SITE #7/PH 1	335.33	912	0.3677
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$256,286.53	959,674	0.2671
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$256,286.53	959,674	0.2671

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$256,286.53
TOTAL KWH	959,674
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2671

WHUC CALCULATIONS:

0.2671	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.5995
	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: AUGUST 2017

HELCO BILLING PERIOD:
6/10/17 to 7/11/17

Anaehoomalu STP	29,080.29
SPS #1	4,855.43
SPS#2	991.14
SPS#3	656.01
ENERGY RESOURCES - WIND	
SUBTOTAL	\$35,582.87

ENERGY RESOURCES - WIND	
GRAND TOTAL	\$35,582.87

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$35,582.87
PREVIOUS MONTH TOTAL METERED TG	87,587
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4063

WHUC CALCULATIONS:

0.4063		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.4322

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: AUGUST 2017**

HELCO BILLING PERIOD:

6/10/17-7/11/17

Irrigation Wells 1,2,3	9,354.45	33,500	0.2792
Nursery Well	3,244.61	11,018	0.2945
51' Well	1,166.09	3,340	0.3491
ENERGY RESOURCES - WIND			
SUBTOTAL	\$13,765.15	47,858	0.2876
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$13,765.15	47,858	0.2876

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$13,765.15
TOTAL KWH	47,858
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2876

WHUC CALCULATIONS:

0.2876	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1633

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)**