

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

10/13/17-11/13/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,537.43	800	1.9218
	WAIK WTR WELL #1 PH 1	38.66	12	3.2217
	WAIK DEEP WELL #2 PUMP (DW-2)	6,344.67	19,500	0.3254
	WAIK WELL SITE #2/PH 1	361.61	936	0.3863
	WAIK DEEP WELL #3 PUMP (DW-3)	35,950.91	127,200	0.2826
	WAIK WELL SITE #3/PH 1 P7X	436.06	1,149	0.3795
	WAIK DEEP WELL #4 PUMP (DW-4)	23,399.19	81,800	0.2861
	WAIK DEEP WELL #5 PUMP (DW-5)	40,232.02	143,000	0.2813
	WAIK DEEP WELL #6 PUMP (DW-6)	64,556.37	189,300	0.3410
	WAIK WELL SITE #6/AUXILIARY	189.64	444	0.4271
	WAIK DEEP WELL #7 PUMP (DW-7)	75,718.53	282,000	0.2685
	WAIK WELL SITE #7/PH 1	73.94	113	0.6543
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$248,839.03	846,254	0.2940
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$248,839.03	846,254	0.2940

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$248,839.03
TOTAL KWH	846,254
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2940

WHUC CALCULATIONS:

0.2940	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.7612
	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: DECEMBER 2017**

HELCO BILLING PERIOD:

10/11/17 to 11/08/17

Anaehoomalu STP	25,882.53
SPS #1	3,723.71
SPS#2	878.59
SPS#3	559.92
ENERGY RESOURCES - WIND	
SUBTOTAL	\$31,044.75

ENERGY RESOURCES - WIND	
GRAND TOTAL	\$31,044.75

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$31,044.75
PREVIOUS MONTH TOTAL METERED TG	72,999
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4253

WHUC CALCULATIONS:

0.4253		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee =	0.4524

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: DECEMBER 2017**

HELCO BILLING PERIOD:

10/11/17-11/08/17

Irrigation Wells 1,2,3	8,677.52	29,500	0.2942
Nursery Well	1,531.35	4,252	0.3601
51' Well	1,612.31	4,596	0.3508
ENERGY RESOURCES - WIND			
SUBTOTAL	\$11,821.18	38,348	0.3083
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$11,821.18	38,348	0.3083

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$11,821.18
TOTAL KWH	38,348
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3083

WHUC CALCULATIONS:

0.3083	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1750

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)**