

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: DECEMBER 2018**

10/16/18-11/14/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	6,981.55	4800	1.4545
	WAIK WTR WELL #1 PH 1	51.31	8	6.4138
	WAIK DEEP WELL #2 PUMP (DW-2)	20,951.56	63,300	0.3310
	WAIK WELL SITE #2/PH 1	141.29	273	0.5175
	WAIK DEEP WELL #3 PUMP (DW-3)	48,006.31	150,000	0.3200
	WAIK WELL SITE #3/PH 1 P7X	86.05	132	0.6519
	WAIK DEEP WELL #4 PUMP (DW-4)	22,147.01	67,600	0.3276
	WAIK DEEP WELL #5 PUMP (DW-5)	46,156.88	144,400	0.3196
	WAIK DEEP WELL #6 PUMP (DW-6)	74,360.32	236,700	0.3142
	WAIK WELL SITE #6/AUXILIARY	178.92	369	0.4849
	WAIK DEEP WELL #7 PUMP (DW-7)	84,617.73	271,200	0.3120
	WAIK WELL SITE #7/PH 1	71.53	95	0.7529
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$303,750.46	938,877	0.3235
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$303,750.46	938,877	0.3235

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$303,750.46
TOTAL KWH	938,877
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3235

WHUC CALCULATIONS:

0.3235	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.9377 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 2018**

HELCO BILLING PERIOD:

10/12/18 to 11/09/18

Anaehoomalu STP	30,309.17
SPS #1	3,947.61
SPS#2	870.63
SPS#3	636.67
ENERGY RESOURCES - WIND	
SUBTOTAL	\$35,764.08
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$35,764.08

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$35,764.08
PREVIOUS MONTH TOTAL METERED TG	73,757
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4849

WHUC CALCULATIONS:

0.4849		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x			
1.06385		PSC/PUC fee	=
			0.5159

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 2018**

HELCO BILLING PERIOD:

10/12/18-10/09/18

Irrigation Wells 1,2,3	9,931.39	29,700	0.3344
Nursery Well	3,507.04	9,889	0.3546
51' Well	1,825.22	4,540	0.4020
ENERGY RESOURCES - WIND			
SUBTOTAL	\$15,263.65	44,129	0.3459
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$15,263.65	44,129	0.3459

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$15,263.65
TOTAL KWH	44,129
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3459

WHUC CALCULATIONS:

0.3459	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = 0.1964

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)**