

WEST HAWAII WATER COMPANY  
 POWER COST CHARGE CALCULATION  
 EFFECTIVE: JULY 2019

5/15/19 - 6/13/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	70,363.25	224000	0.3141
	WAIK WTR WELL #1 PH 1	68.38	90	0.7598
	WAIK DEEP WELL #2 PUMP (DW-2)	4,242.75	4,500	0.9428
	WAIK WELL SITE #2/PH 1	135.87	269	0.5051
	WAIK DEEP WELL #3 PUMP (DW-3)	35,003.99	112,800	0.3103
	WAIK WELL SITE #3/PH 1 P7X	74.06	105	0.7053
	WAIK DEEP WELL #4 PUMP (DW-4)	6,668.10	19,000	0.3510
	WAIK DEEP WELL #5 PUMP (DW-5)	18,527.98	58,400	0.3173
	WAIK DEEP WELL #6 PUMP (DW-6)	70,240.73	232,200	0.3025
	WAIK WELL SITE #6/AUXILIARY	150.58	308	0.4889
	WAIK DEEP WELL #7 PUMP (DW-7)	73,682.24	242,100	0.3043
	WAIK WELL SITE #7/PH 1	72.55	101	0.7183
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	\$279,230.48	893,873	0.3124

ENERGY RESOURCES - WIND

	\$279,230.48	893,873	0.3124
GRAND TOTAL	\$279,230.48	893,873	0.3124

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$279,230.48
TOTAL KWH	893,873
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3124

WHWC CALCULATIONS:

0.3124	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.8710
	POWER COST CHARGE PER TG (WHWC)

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)