

WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: AUGUST 2018

6/14/18 to 7/13/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,278.17	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	33.52	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	34,147.47	107,400	0.3179
	WAIK WELL SITE #2/PH 1	196.68	426	0.4617
	WAIK DEEP WELL #3 PUMP (DW-3)	52,746.03	167,700	0.3145
	WAIK WELL SITE #3/PH 1 P7X	84.47	133	0.6351
	WAIK DEEP WELL #4 PUMP (DW-4)	16,289.74	50,000	0.3258
	WAIK DEEP WELL #5 PUMP (DW-5)	36,786.56	116,400	0.3160
	WAIK DEEP WELL #6 PUMP (DW-6)	72,659.01	237,300	0.3062
	WAIK WELL SITE #6/AUXILIARY	163.35	339	0.4819
	WAIK DEEP WELL #7 PUMP (DW-7)	84,224.49	276,300	0.3048
	WAIK WELL SITE #7/PH 1	69.13	93	0.7433
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	\$298,678.62	956,091	0.3124
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$298,678.62	956,091	0.3124

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$298,678.62
TOTAL KWH	956,091
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 =
	1.8711
	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)