

WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: OCTOBER 2017

8/12/17 to 9/12/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	62.17	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	33.43	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	36,264.71	137,700	0.2634
	WAIK WELL SITE #2/PH 1	325.20	887	0.3666
	WAIK DEEP WELL #3 PUMP (DW-3)	49,553.23	181,200	0.2735
	WAIK WELL SITE #3/PH 1 P7X	413.03	1,154	0.3579
	WAIK DEEP WELL #4 PUMP (DW-4)	30,314.22	115,000	0.2636
	WAIK DEEP WELL #5 PUMP (DW-5)	16,038.34	59,400	0.2700
	WAIK DEEP WELL #6 PUMP (DW-6)	64,038.78	244,800	0.2616
	WAIK WELL SITE #6/AUXILIARY	149.53	353	0.4236
	WAIK DEEP WELL #7 PUMP (DW-7)	74,026.58	297,000	0.2492
	WAIK WELL SITE #7/PH 1	69.62	110	0.6329
ENERGY RESOURCES - WIND				
	SUBTOTAL	\$271,288.84	1,037,604	0.2615
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$271,288.84	1,037,604	0.2615

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$271,288.84
TOTAL KWH	1,037,604
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2615

WHWC CALCULATIONS:

0.2615	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.5660 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)