

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

01/15/19 - 02/12/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	59,469.34	195200	0.3047
	WAIK WTR WELL #1 PH 1	63.27	79	0.8009
	WAIK DEEP WELL #2 PUMP (DW-2)	4,242.75	3,300	1.2857
	WAIK WELL SITE #2/PH 1	152.66	324	0.4712
	WAIK DEEP WELL #3 PUMP (DW-3)	27,352.63	91,800	0.2980
	WAIK WELL SITE #3/PH 1 P7X	79.31	123	0.6448
	WAIK DEEP WELL #4 PUMP (DW-4)	11,265.29	35,800	0.3147
	WAIK DEEP WELL #5 PUMP (DW-5)	23,533.77	78,000	0.3017
	WAIK DEEP WELL #6 PUMP (DW-6)	65,458.79	226,200	0.2894
	WAIK WELL SITE #6/AUXILIARY	233.25	545	0.4280
	WAIK DEEP WELL #7 PUMP (DW-7)	72,195.37	250,200	0.2886
	WAIK WELL SITE #7/PH 1	119.81	234	0.5120
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	\$264,166.24	881,805	0.2996
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$264,166.24	881,805	0.2996

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$264,166.24
TOTAL KWH	881,805
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2996

WHWC CALCULATIONS:

0.2996	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.7943
	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)