

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

7/16/19-8/13/19

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	64,054.99	212000	0.3021
	WAIK WTR WELL #1 PH 1	65.77	87	0.7560
	WAIK DEEP WELL #2 PUMP (DW-2)	12,571.28	39,900	0.3151
	WAIK WELL SITE #2/PH 1	128.40	260	0.4938
	WAIK DEEP WELL #3 PUMP (DW-3)	39,784.78	135,300	0.2940
	WAIK WELL SITE #3/PH 1 P7X	51.28	46	1.1148
	WAIK DEEP WELL #4 PUMP (DW-4)	7,648.39	23,200	0.3297
	WAIK DEEP WELL #5 PUMP (DW-5)	15,976.92	52,400	0.3049
	WAIK DEEP WELL #6 PUMP (DW-6)	64,066.50	221,700	0.2890
	WAIK WELL SITE #6/AUXILIARY	133.47	274	0.4871
	WAIK DEEP WELL #7 PUMP (DW-7)	74,311.67	259,500	0.2864
	WAIK WELL SITE #7/PH 1	65.40	86	0.7605
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	\$278,858.85	944,753	0.2952
ENERGY RESOURCES - WIND				
	GRAND TOTAL	\$278,858.85	944,753	0.2952

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$278,858.85
TOTAL KWH	944,753
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2952

WHWC CALCULATIONS:

0.2952	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 1.7679 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)