WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: NOVEMBER 2020

9/12/20-10/13/20

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	40,274.15	124800	0.3227
	WAIK WTR WELL #1 PH 1	236.24	587	0.4025
	WAIK DEEP WELL #2 PUMP (DW-2)	26,747.16	96,000	0.2786
	WAIK WELL SITE #2/PH 1	138.00	300	0.4600
	WAIK DEEP WELL #3 PUMP (DW-3)	40,590.09	148,500	0.2733
	WAIK WELL SITE #3/PH 1 P7X	52.87	29	1.8231
	WAIK DEEP WELL #4 PUMP (DW-4)	21,219.52	65,600	0.3235
	WAIK DEEP WELL #5 PUMP (DW-5)	3,745.70	0	#DIV/0!
	WAIK DEEP WELL #6 PUMP (DW-6)	66,553.03	252,600	0.2635
	WAIK WELL SITE #6/AUXILIARY	165.04	379	0.4355
	WAIK DEEP WELL #7 PUMP (DW-7)	75,857.30	290,400	0.2612
	WAIK WELL SITE #7/PH 1	68.53	97	0.7065
	WAIK WELL #8 CNTRL BLDG/PH 1			
	WAIK WELL #8 CNTRL BLDG/PH 3			
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	275,647.63	979,292	0.2815
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$275,647.63	979,292	0.2815

POWER COST CALCULATIONS:

TOTAL DOLLARS:	$275,647.63
TOTAL KWH	979,292
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2815

WHWC CALCULATIONS:

0.2815		UNIT PRICE FOR ELECTRICITY [$ / kWh]
x		
5.6300		Pump Efficiency Factor [kWh / TG]
x		
1.06385	PSC/PUC fee =	**1.6859** **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)