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

1/13/18 to 2/12/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,319.18	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	38.22	10	3.8220
	WAIK DEEP WELL #2 PUMP (DW-2)	16,004.17	52,800	0.3031
	WAIK WELL SITE #2/PH 1	347.98	871	0.3995
	WAIK DEEP WELL #3 PUMP (DW-3)	41,467.72	142,500	0.2910
	WAIK WELL SITE #3/PH 1 P7X	433.97	1,110	0.3910
	WAIK DEEP WELL #4 PUMP (DW-4)	7,294.82	22,600	0.3228
	WAIK DEEP WELL #5 PUMP (DW-5)	41,540.33	143,000	0.2905
	WAIK DEEP WELL #6 PUMP (DW-6)	63,665.29	224,400	0.2837
	WAIK WELL SITE #6/AUXILIARY	226.38	533	0.4247
	WAIK DEEP WELL #7 PUMP (DW-7)	74,899.87	267,900	0.2796
	WAIK WELL SITE #7/PH 1	99.37	180	0.5521
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	$247,337.30	855,904	0.2890
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$247,337.30	855,904	0.2890

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$247,337.30	
TOTAL KWH	855,904	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2890	

WHWC CALCULATIONS:

0.2890		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	1.7308	**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)