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

12/13/17 to 1/12/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,317.36	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	38.4	11	3.4909
	WAIK DEEP WELL #2 PUMP (DW-2)	5,329.97	15,600	0.3417
	WAIK WELL SITE #2/PH 1	358.83	917	0.3913
	WAIK DEEP WELL #3 PUMP (DW-3)	41,397.45	144,900	0.2857
	WAIK WELL SITE #3/PH 1 P7X	427.45	1,111	0.3847
	WAIK DEEP WELL #4 PUMP (DW-4)	18,184.52	62,000	0.2933
	WAIK DEEP WELL #5 PUMP (DW-5)	34,541.01	120,600	0.2864
	WAIK DEEP WELL #6 PUMP (DW-6)	62,350.92	223,800	0.2786
	WAIK WELL SITE #6/AUXILIARY	238.59	577	0.4135
	WAIK DEEP WELL #7 PUMP (DW-7)	76,452.30	279,300	0.2737
	WAIK WELL SITE #7/PH 1	71.65	105	0.6824
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	$240,708.45	848,921	0.2835
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$240,708.45	848,921	0.2835

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$240,708.45	
TOTAL KWH	848,921	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2835	

WHWC CALCULATIONS:

0.2835		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	1.6983	**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)