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

3/15/18 to 4/13/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,319.18	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	34.62	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	10,114.23	31,200	0.3242
	WAIK WELL SITE #2/PH 1	339.84	827	0.4109
	WAIK DEEP WELL #3 PUMP (DW-3)	39,537.35	132,000	0.2995
	WAIK WELL SITE #3/PH 1 P7X	86.28	140	0.6163
	WAIK DEEP WELL #4 PUMP (DW-4)	4,494.52	12,400	0.3625
	WAIK DEEP WELL #5 PUMP (DW-5)	38,186.18	127,600	0.2993
	WAIK DEEP WELL #6 PUMP (DW-6)	62,713.34	213,600	0.2936
	WAIK WELL SITE #6/AUXILIARY	194.05	432	0.4492
	WAIK DEEP WELL #7 PUMP (DW-7)	77,917.29	270,900	0.2876
	WAIK WELL SITE #7/PH 1	74.86	109	0.6868
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	$235,011.74	789,208	0.2978
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$235,011.74	789,208	0.2978

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$235,011.74	
TOTAL KWH	789,208	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.2978	

WHWC CALCULATIONS:

0.2978		UNIT PRICE FOR ELECTRICITY [$ / kWh]
	x	
5.6300		Pump Efficiency Factor [kWh / TG]
	x	
1.06385	PSC/PUC fee =	1.7836 **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)