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

7/14/18 to 8/13/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,277.03	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	33.47	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	33,941.47	107,700	0.3151
	WAIK WELL SITE #2/PH 1	140.83	283	0.4976
	WAIK DEEP WELL #3 PUMP (DW-3)	53,941.44	173,100	0.3116
	WAIK WELL SITE #3/PH 1 P7X	85.46	137	0.6238
	WAIK DEEP WELL #4 PUMP (DW-4)	26,856.46	85,000	0.3160
	WAIK DEEP WELL #5 PUMP (DW-5)	50,119.36	161,000	0.3113
	WAIK DEEP WELL #6 PUMP (DW-6)	71,874.45	236,100	0.3044
	WAIK WELL SITE #6/AUXILIARY	150.34	308	0.4881
	WAIK DEEP WELL #7 PUMP (DW-7)	83,481.63	277,500	0.3008
	WAIK WELL SITE #7/PH 1	71.42	100	0.7142
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	$321,973.36	1,041,228	0.3092
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$321,973.36	1,041,228	0.3092

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$321,973.36	
TOTAL KWH	1,041,228	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3092	

WHWC CALCULATIONS:

0.3092		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
	x		
5.6300		Pump Efficiency Factor [kWh / TG]	
	x		
1.06385		PSC/PUC fee =	1.8521 **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)