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

11/14/17 to 12/12/17

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,316.22	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	38.71	12	3.2258
	WAIK DEEP WELL #2 PUMP (DW-2)	5,253.47	15,300	0.3434
	WAIK WELL SITE #2/PH 1	331.16	838	0.3952
	WAIK DEEP WELL #3 PUMP (DW-3)	40,620.48	141,900	0.2863
	WAIK WELL SITE #3/PH 1 P7X	401.63	1,037	0.3873
	WAIK DEEP WELL #4 PUMP (DW-4)	14,907.65	50,200	0.2970
	WAIK DEEP WELL #5 PUMP (DW-5)	37,499.83	131,000	0.2863
	WAIK DEEP WELL #6 PUMP (DW-6)	60,223.14	214,800	0.2804
	WAIK WELL SITE #6/AUXILIARY	221.07	527	0.4195
	WAIK DEEP WELL #7 PUMP (DW-7)	73,478.20	266,100	0.2761
	WAIK WELL SITE #7/PH 1	70.57	102	0.6919
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	$234,362.13	821,816	0.2852
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$234,362.13	821,816	0.2852

POWER COST CALCULATIONS:		
TOTAL DOLLARS:		$234,362.13
TOTAL KWH		821,816
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.2852

WHWC CALCULATIONS:

0.2852		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee	=	1.7081 **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)