WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2019

11/15/18-12/13/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	73,406.35	223200	0.3289
	WAIK WTR WELL #1 PH 1	51.31	14	3.6650
	WAIK DEEP WELL #2 PUMP (DW-2)	33,912.42	102,900	0.3296
	WAIK WELL SITE #2/PH 1	147.94	286	0.5173
	WAIK DEEP WELL #3 PUMP (DW-3)	4,356.45	0	#DIV/0!
	WAIK WELL SITE #3/PH 1 P7X	81.18	118	0.6880
	WAIK DEEP WELL #4 PUMP (DW-4)	6,163.97	16,200	0.3805
	WAIK DEEP WELL #5 PUMP (DW-5)	19,273.13	54,200	0.3556
	WAIK DEEP WELL #6 PUMP (DW-6)	74,959.53	228,900	0.3275
	WAIK WELL SITE #6/AUXILIARY	214.32	453	0.4731
	WAIK DEEP WELL #7 PUMP (DW-7)	83,087.54	260,700	0.3187
	WAIK WELL SITE #7/PH 1	73.26	98	0.7476
ENERGY RESOURCES - WIND	+			
	SUBTOTAL	$295,727.40	887,069	0.3334
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$295,727.40	887,069	0.3334

POWER COST CALCULATIONS:

TOTAL DOLLARS:		$295,727.40
TOTAL KWH		887,069
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$	0.3334

WHWC CALCULATIONS:

0.3334		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
	x		
5.6300		Pump Efficiency Factor [kWh / TG]	
	x		
1.06385		PSC/PUC fee =	1.9967 **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)