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

10/16/18 to 11/14/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	6,981.55	4800	1.4545
	WAIK WTR WELL #1 PH 1	51.31	8	6.4138
	WAIK DEEP WELL #2 PUMP (DW-2)	20,951.56	63,300	0.3310
	WAIK WELL SITE #2/PH 1	141.29	273	0.5175
	WAIK DEEP WELL #3 PUMP (DW-3)	48,006.31	150,000	0.3200
	WAIK WELL SITE #3/PH 1 P7X	86.05	132	0.6519
	WAIK DEEP WELL #4 PUMP (DW-4)	22,147.01	67,600	0.3276
	WAIK DEEP WELL #5 PUMP (DW-5)	46,156.88	144,400	0.3196
	WAIK DEEP WELL #6 PUMP (DW-6)	74,360.32	236,700	0.3142
	WAIK WELL SITE #6/AUXILIARY	178.92	369	0.4849
	WAIK DEEP WELL #7 PUMP (DW-7)	84,617.73	271,200	0.3120
	WAIK WELL SITE #7/PH 1	71.53	95	0.7529
ENERGY RESOURCES - WIND		+		
	SUBTOTAL	$303,750.46	938,877	0.3235
ENERGY RESOURCES - WIND				
	GRAND TOTAL	$303,750.46	938,877	0.3235

POWER COST CALCULATIONS:		
TOTAL DOLLARS:	$303,750.46	
TOTAL KWH	938,877	
UNIT PRICE FOR ELECTRICITY [$ / kWh]	$ 0.3235	

WHWC CALCULATIONS:

0.3235		UNIT PRICE FOR ELECTRICITY [$ / kWh]	
x			
5.6300		Pump Efficiency Factor [kWh / TG]	
x			
1.06385	PSC/PUC fee =	1.9377	**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)