

**WEST HAWAII WATER COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE JULY 2021**

5/13/21 - 6/11/21

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	12,312.79	0	-	*Estimate
	WAIK WTR WELL #1 PH 1	218.87	503	0.4351	
	WAIK DEEP WELL #2 PUMP (DW-2)	61,393.79	198,000	0.3101	
	WAIK WELL SITE #2/PH 1	137.97	280	0.4928	
	WAIK DEEP WELL #3 PUMP (DW-3)	39,432.31	133,200	0.2960	
	WAIK WELL SITE #3/PH 1 P7X	51.37	28	1.8346	
	WAIK DEEP WELL #4 PUMP (DW-4)	33,568.02	113,200	0.2965	
	WAIK DEEP WELL #5 PUMP (DW-5)	11,746.27	37,200	0.3158	
	WAIK DEEP WELL #6 PUMP (DW-6)	73,349.13	255,600	0.2870	
	WAIK WELL SITE #6/AUXILIARY	175.36	383	0.4579	
	WAIK DEEP WELL #7 PUMP (DW-7)	79,473.39	276,300	0.2876	
	WAIK WELL SITE #7/PH 1	69.03	90	0.7670	
	WAIK WELL #8 CNTRL BLDG/PH 1	413.00	1038	0.3979	
	WAIK WELL #8 CNTRL BLDG/PH 3	10,339.09	300	34.4636	
ENERGY RESOURCES - WIND					
		+		-	
	SUBTOTAL	322,680.39	1,016,122	0.3176	
ENERGY RESOURCES - WIND					
	GRAND TOTAL	\$322,680.39	1,016,122	0.3176	

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$322,680.39
TOTAL KWH	1,016,122
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3176

WHWC CALCULATIONS:

0.3176	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee =
	1.9020 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)

*No bill available per Hawaiian Electric pending meter replacement