WEST HAWAII WATER COMPANY POWER COST CHARGE CALCULATION EFFECTIVE: APRIL 2025

HELCO: WAIK DEEP WELL #1 PUMP (DW-1) 22,941.55 28800 0.7966 WAIK WTR WELL #1 PH 1 308.00 591 0.5212 WAIK DEEP WELL #2 PUMP (DW-2) 29,508.74 75,300 0.3919 WAIK WELL SITE #2/PH 1 156.96 258 0.6084 WAIK DEEP WELL #3 PUMP (DW-3) 75,999.30 192,000 0.3958 WAIK WELL SITE #3/PH 1 P7X 56.40 32 1.7625 WAIK DEEP WELL #4 PUMP (DW-4) 4,382.56 4,600 0.9527 WAIK DEEP WELL #5 PUMP (DW-5) 42,127.78 109,400 0.3851 WAIK DEEP WELL #5 PUMP (DW-6) 0 0 0.000 0.3697 WAIK DEEP WELL #6 PUMP (DW-6) 0 0 0.3697 WAIK WELL SITE #6/AUXILIARY 100.25 133 0.7538 WAIK WELL SITE #6/AUXILIARY 100.25 133 0.7538 WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 0.3707 ENERGY RESOURCES - WIND	<u>02/08/25 - 03/11/25</u>						
WAIK DEEP WELL #2 PUMP (DW-2) WAIK WELL SITE #2/PH 1 156.96 258 0.6084 WAIK DEEP WELL #3 PUMP (DW-3) 75,999.30 192,000 0.3958 WAIK WELL SITE #3/PH 1 P7X 56.40 32 1.7625 WAIK DEEP WELL #4 PUMP (DW-4) 4,382.56 4,600 0.9527 WAIK DEEP WELL #5 PUMP (DW-5) 42,127.78 109,400 0.3851 WAIK DEEP WELL #6 PUMP (DW-6) WAIK DEEP WELL #6 PUMP (DW-6) WAIK WELL SITE #6/AUXILIARY 100.25 133 0.7538 WAIK DEEP WELL PUMP #7 3 PHASE 108,919.56 294,600 0.3697 WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 0.3707 ENERGY RESOURCES - WIND SUBTOTAL 380,116.43 962,838 0.3948	HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	22,941.55	28800	0.7966		
WAIK WELL SITE #2/PH 1 156.96 258 0.6084 WAIK DEEP WELL #3 PUMP (DW-3) 75,999.30 192,000 0.3958 WAIK WELL SITE #3/PH 1 P7X 56.40 32 1.7625 WAIK DEEP WELL #4 PUMP (DW-4) 4,382.56 4,600 0.9527 WAIK DEEP WELL #5 PUMP (DW-5) 42,127.78 109,400 0.3851 WAIK DEEP WELL #6 PUMP (DW-6) 0 - Meter removed for repair 6-9 months WAIK WELL SITE #6/AUXILIARY 100.25 133 0.7538 WAIK DEEP WELL PUMP #7 3 PHASE 108,919.56 294,600 0.3697 WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL SITE #7/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 0.3707 ENERGY RESOURCES - WIND SUBTOTAL 380,116.43 962,838 0.3948 ENERGY RESOURCES - WIND		WAIK WTR WELL #1 PH 1	308.00	591	0.5212		
WAIK DEEP WELL #3 PUMP (DW-3) WAIK WELL SITE #3/PH 1 P7X 56.40 32 1.7625 WAIK DEEP WELL #4 PUMP (DW-4) WAIK DEEP WELL #5 PUMP (DW-5) WAIK DEEP WELL #6 PUMP (DW-6) WAIK DEEP WELL #6 PUMP (DW-6) WAIK DEEP WELL #6 PUMP #7 3 PHASE WAIK DEEP WELL #10 PMP #7 3 PHASE WAIK DEEP WELL WELL SITE #6/AUXILIARY WAIK DEEP WELL #10 PMP #7 3 PHASE WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL SITE #7/PH 1 1,247.48 2662 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 ENERGY RESOURCES - WIND SUBTOTAL ENERGY RESOURCES - WIND ENERGY RESOURCES - WIND ENERGY RESOURCES - WIND ENERGY RESOURCES - WIND		WAIK DEEP WELL #2 PUMP (DW-2)	29,508.74	75,300	0.3919		
WAIK WELL SITE #3/PH 1 P7X 56.40 32 1.7625 WAIK DEEP WELL #4 PUMP (DW-4) WAIK DEEP WELL #5 PUMP (DW-5) WAIK DEEP WELL #6 PUMP (DW-6) WAIK WELL SITE #6/AUXILIARY WAIK DEEP WELL PUMP #7 3 PHASE WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 WAIK WELL #8 CNTRL BLDG/PH 3 ENERGY RESOURCES - WIND SUBTOTAL WAIK WELD SITE #1/PH 380,116.43 962,838 0.3948 ENERGY RESOURCES - WIND		WAIK WELL SITE #2/PH 1	156.96	258	0.6084		
WAIK DEEP WELL #4 PUMP (DW-4) WAIK DEEP WELL #5 PUMP (DW-5) 42,127.78 109,400 0.3851 WAIK DEEP WELL #6 PUMP (DW-6) 0 - Meter removed for repair 6-9 months WAIK WELL SITE #6/AUXILIARY 100.25 133 0.7538 WAIK DEEP WELL PUMP #7 3 PHASE 108,919.56 294,600 0.3697 WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 0.3707 ENERGY RESOURCES - WIND SUBTOTAL 380,116.43 962,838 0.3948 ENERGY RESOURCES - WIND		WAIK DEEP WELL #3 PUMP (DW-3)	75,999.30	192,000	0.3958		
WAIK DEEP WELL #5 PUMP (DW-5)		WAIK WELL SITE #3/PH 1 P7X	56.40	32	1.7625		
WAIK DEEP WELL #6 PUMP (DW-6) 0 - Meter removed for repair 6-9 months WAIK WELL SITE #6/AUXILIARY 100.25 133 0.7538 WAIK DEEP WELL PUMP #7 3 PHASE 108,919.56 294,600 0.3697 WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 0.3707 ENERGY RESOURCES - WIND - - SUBTOTAL 380,116.43 962,838 0.3948		WAIK DEEP WELL #4 PUMP (DW-4)	4,382.56	4,600	0.9527		
WAIK WELL SITE #6/AUXILIARY 100.25 133 0.7538 WAIK DEEP WELL PUMP #7 3 PHASE 108,919.56 294,600 0.3697 WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 0.3707 ENERGY RESOURCES - WIND SUBTOTAL 380,116.43 962,838 0.3948 ENERGY RESOURCES - WIND		WAIK DEEP WELL #5 PUMP (DW-5)	42,127.78	109,400	0.3851		
WAIK DEEP WELL PUMP #7 3 PHASE WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 WAIK WELL #8 CNTRL BLDG/PH 3 ENERGY RESOURCES - WIND SUBTOTAL 108,919.56 294,600 0.3697 264 262 1.0973 264 2662 0.4686 0.3707 264 275 284 2862 0.3707 2862 294,600 0.3697 0.3707 0.3		WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months	
WAIK WELL SITE #7/PH 1 68.03 62 1.0973 WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 0.3707 ENERGY RESOURCES - WIND SUBTOTAL 380,116.43 962,838 0.3948 ENERGY RESOURCES - WIND		WAIK WELL SITE #6/AUXILIARY	100.25	133	0.7538		
WAIK WELL #8 CNTRL BLDG/PH 1 1,247.48 2662 0.4686 WAIK WELL #8 CNTRL BLDG/PH 3 94,299.82 254400 0.3707 ENERGY RESOURCES - WIND SUBTOTAL 380,116.43 962,838 0.3948 ENERGY RESOURCES - WIND		WAIK DEEP WELL PUMP #7 3 PHASE	108,919.56	294,600	0.3697		
WAIK WELL #8 CNTRL BLDG/PH 3 ENERGY RESOURCES - WIND SUBTOTAL ENERGY RESOURCES - WIND ENERGY RESOURCES - WIND		WAIK WELL SITE #7/PH 1	68.03	62	1.0973		
ENERGY RESOURCES - WIND - 380,116.43 962,838 0.3948 ENERGY RESOURCES - WIND		WAIK WELL #8 CNTRL BLDG/PH 1	1,247.48	2662	0.4686		
SUBTOTAL 380,116.43 962,838 0.3948 ENERGY RESOURCES - WIND		WAIK WELL #8 CNTRL BLDG/PH 3	94,299.82	254400	0.3707		
ENERGY RESOURCES - WIND	ENERGY RES	SOURCES - WIND			-		
		SUBTOTAL	380,116.43	962,838	0.3948		
GRAND TOTAL \$380,116.43 962,838 0.3948	ENERGY RESOURCES - WIND						
GRAND TOTAL \$380,116.43 962,838 0.3948							
		GRAND TOTAL	\$380,116.43	962,838	0.3948		
POWER COST CALCULATIONS:							
TOTAL DOLLARS: \$380,116.43	TOTAL DOLLARS:		\$380,116.43				
TOTAL KWH 962,838	TOTAL KWH		962,838				
UNIT PRICE FOR ELECTRICITY [\$ / kWh] \$ 0.3948	UNIT PRICE FOR ELECTRICITY [\$ / kWh]		\$ 0.3948				

WHWC CALCULATIONS:

0.3948	UNIT PRICE FOR ELECTRICITY [\$ / kWh]				
Х					
5.6300	Pump Efficiency Factor [kWh / TG]				
X					
1.06385	PSC/PUC fee = 2.3646 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)