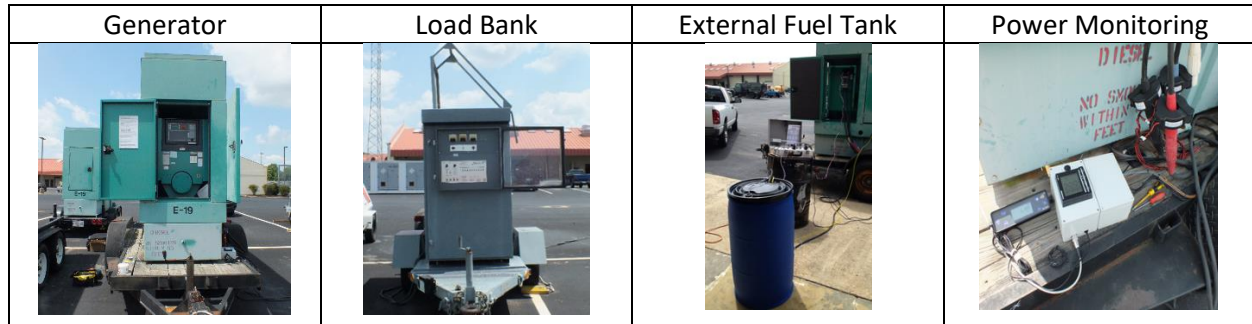


Generator Testing

ENVIRO-KLEENZE™ has been tested to determine the effect on generators of various sizes and outputs. The amount of fuel consumed per kW-Hour of power generated was determined for treated and untreated fuel, and the differences shown as the percent improvement.



For each generator tested, a known amount of untreated fuel was run through the generator, and the liters of fuel consumed per hour and kW-Hours of electricity generated determined. Then the same was done with fuel treated with ENVIRO-KLEENZE™. The difference in L/kW was calculated as Improvement %.

	Baseline	Test
Cummins 750 kVA Generator		
Fuel Consumption, L/Hr	115.4	108.4
Power Output, kW/Hr	18.5	18.8
Improvement, %		8.3
CAT 250 kVA Generator		
Fuel Consumption, L/Hr	59.9	43.1
Power Output, kW/Hr	20.0	19.9
Improvement, %		38.4
Cummins 380 kVA Generator		
Fuel Consumption, L/Hr	62.1	57.3
Power Output, kW/Hr	229.5	276.6
Improvement, %		30.5
Perkins 40 kVA Generator		
Fuel Consumption, L/Hr	9.0	7.0
Power Output, kW/Hr	12.8	12.8
Improvement, %		28.6
Cummins DBFC 200 kVA Generator		
Fuel Consumption, L/Hr	41.4	38.5
Power Output, kW/Hr	18.7	18.7
Improvement, %		7.5

The extreme improvements shown in three of the trials were due to the generators using substandard quality fuel. Baseline power generation and fuel consumption was, therefore, well below what would have been expected had diesel fuel meeting national standards been used. Once dosed, the catalytic effect of ENVIRO-KLEENZE™ on substandard fuel showed dramatic improvements, well beyond the expected 7%-10% improvement.