

Emergency Fuel Management Plan—On-Site Training Session

Emergency Motor Fuel Management Plan: is an important piece of the overall emergency management strategy during a fuel shortage emergency. The motor fuel shortage management plan identifies a management structure directed by the local government to respond to a motor fuel shortage.



Motor Fuel Storage Tanks and Generators: We

identify all motor fuel storage tanks, capacities, and if emergency power is available at your fueling stations. To this date, we have not found one gasoline station with an emergency generator. Recently, gasoline stations in Louisiana and Florida were without electricity and long lines formed at the pumps when electricity was restored. Many local government fleets do not have emergency generators. We will also size an above ground tank with a generator for emergency conditions. We provide a "tank chart" (fuel per inch) and storage capacity. If needed, we will sample and test the tank motor fuel for adequate performance by our contract laboratory. Based on their size, emergency generators can burn from 10-100 gallons per hour. Managers must know how many hours before refueling of the generator is required. Most generators can be powered by diesel, natural gas, or dual-fuel (60% natural gas and 40% diesel). If you do not have emergency power at the pumps, we will size and recommend a generator.



fleet vehicles do not perform as designed. During an electrical power failure, emergency generators often start, sputter and then fail to operate under the full electrical load of your facility. Remember that emergency generator test on Monday? Is your generator ready to perform? What usually happens is that the full building load is being tested. The good news is, this aging process can be halted and even reversed. We offer recommendations and/or solutions for restoring the fuel.

Your Motor Fuel Supply: Motor fuel dealers obtain fuel from the terminals and/or refineries and deliver it to your facility tanks. We identify the possible supply chain and any alternate sources of motor fuel. This will include a survey of motor fuel storage capacities, fuel delivery options, and interviews with local motor fuel suppliers. We include a 24x7 contact list (phones, fax, cell) of fuel dealers and transport companies.



State Emergency Fuel Allocation System: Our emergency fuel allocation system is being adopted by many states. This system is designed to move fuel to priority users and critical facilities during a fuel shortage emergency. We train you on how to use the system when you can't get fuel through your regular ordering process. **Remember** most local gasoline stations do not have emergency power. When electricity fails - you must rely on a generator-supported fuel delivery sys-

Fuel Management Plan – Alert Phases and Programs	
	Normal Operations – Fuel Supply Normal
	Guarded – Prepare for Fuel Reduction Monitor Fuel Supply
	Phase I – Elevated – Implement 10% Fuel Reduction Program and Measures
	Phase II – High Alert – Implement 25% Fuel Reduction Program and Measures
	Phase III- Severe Alert – Implement 50% Fuel Reduction Program and Measures

Motor Fuel Aging: Some things age gracefully, but fuel doesn't. Fuel ages because it becomes chemically unstable. So what is the result of this aging process and incomplete combustion? Your

Causes of an Energy Emergency Event
Propane, Kerosene, Natural Gas, increased demand for heating and alternative for petroleum heating products, and Coal and Electricity due to increased demand for electricity power for heating, Motor Fuel Shortage
Oil Embargo
Petroleum Products: Reduced supply including propane produced by refineries, Natural Gas: increased demand as alternative fuel, and Coal and Electricity due to increased demand as alternative energy supplies, Motor Fuel Shortage.
Natural Disaster, Any Major Accident
Reduced supply, disrupted distribution; increased demand for alternative fuels; reduced demand for fuels if industries are closed as a result of the disaster
Major Coal Work Stoppage
Natural Gas: Increased demand as alternative propane and petroleum products, Coal: Reduced supply, Electricity: Possible reduced supply
Any Other Work Stoppage
Reduced supply, disrupted distribution; increased demand for alternative fuels; reduced demand
National Security Emergency, Mobilization, War, Terrorism, and or Sabotage
Increased demand for fuels. Possible reductions in fuel supplies available to the United States or other countries increased purchases or geopolitical factors reduce sales to the United States or its allies

Yes, Please Send Me More Information!

- Emergency Fuel Management Planning 1/2 Fuel Plan Workshop
- Emergency Fuel Allocation for Critical Service Providers
- Emergency Generator for Our Facility
- Convert our Diesel Generator to Use Diesel & Natural Gas

Name _____

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ FAX: _____

Call Me! the best time to call Email _____

Comments:

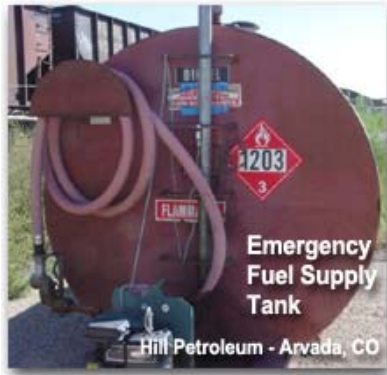
Emergency Fuel Management Plan and Emergency Generators for Critical Facilities

Your Motor Fuel Usage: We conduct interviews with your city manager, fleet manager, finance director, and other key local government officials to determine your actual fuel use per day, month, and year for a two-year time frame. This information is then entered into a database to drive the fuel management plan. We include your rolling stock inventory. Alternative fueled vehicles and alternate fuel sources are then evaluated to ensure that the best fuel-saving techniques are being implemented by your agency. We suggest certain agency vehicles that may only be used during a fuel shortage emergency.

Your Motor Fuel Management Plan: The plan is designed to provide certain triggers to alert the staff of an immediate supply change. The plan establishes two broad types of demand reduction measures for a petroleum shortage emergency. The first is a public appeal for voluntary fuel conservation. The second is a series of mandatory measures to reduce petroleum consumption. Managers need to know **How Long to Fuel Empty**. If no fuel is expected in the immediate 5-days, managers should consider fuel reduction measures such as 10%, 25% and 50%. Remember - What you have in your tanks is all you will get during a total power outage!

The whole planning process takes only a few days. For more information and a quote please fill out the response card and mail it today!

Our Web-Site is:
www.epc-inc.biz



Emergency Fuel Allocation					
Days to Empty – Without Re-Fueling					
Unleaded Gasoline Motor Fuel	Average Daily Fuel Use	Days to Empty at Normal Fuel Use	Days to Empty at 10% Fuel Reduction	Days to Empty at 25% Fuel Reduction	Days to Empty at 50% Fuel Reduction
Gallons @ 100% Maximum Capacity					
Gallons @ 50% Capacity (normal)					
Average Daily Gasoline Fuel Use with 10% Reduction					
Average Daily Gasoline Fuel Use with 25% Reduction					
Average Daily Gasoline Fuel Use with 50% Reduction					
Diesel Motor Fuel	Average Daily Fuel Use	Days to Empty at Normal Fuel Use	Days to Empty at 10% Fuel Reduction	Days to Empty at 25% Fuel Reduction	Days to Empty at 50% Fuel Reduction
Gallons @ 100% Maximum Capacity					
Gallons @ 50% Capacity (normal)					
Average Daily Diesel Fuel Use with 10% Reduction					
Average Daily Diesel Fuel Use with 25% Reduction					
Average Daily Diesel Fuel Use with 50% Reduction					

This Chart is Used by Management to Calculate How Many Days to "EMPTY" the City May Last Using the Allocations

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Motor Fuel Use by Departments or Agencies				
Department	Gallons Used Year 2003	Gallons Used Year 2004	10%-Reg 5%-Emer	Gallon Target Year 2005
Airport	73,658	70,492	0.9	63,443
Cemetery	5,004	6,118	0.9	5,506
City Attorney	1,001	884	0.9	796
<p>This is a "Sample Chart" of our efforts to determine base-line of fuel use by departments and agencies. This will be used during emergency fuel allocations.</p>				
Fleet Management	21,407	21,352	0.9	19,217
Police	122,934	86,408	0.9	77,767
Police - Emergency	251,435	262,711	0.95	249,575
Police - PSST - Emergency	38,693	62,738	0.95	59,601
Police - PSST Vehicles	1,873	4,624	0.9	4,161
Public Works	458,881	488,187	0.9	439,368
CS Total Gallons	2,659,526	2,704,281	0.91527	2,475,193
Chart-3				

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