

The logo for the Governor's Energy Office (GEO) features the letters "GEO" in a large, light blue, serif font with a subtle drop shadow effect.

Governor's Energy Office

Emergency Fuel Planning & Management – ESF-12

And

Funding Opportunities

Robert Kistner - EPC

Wednesday, June 13, 2007

NREL, Golden, Colorado

Energy Planning – Federal – State – Local - Industry

National Response Plan



Department of Homeland Security (DHS)



State Emergency Operations Plan

Division of Emergency Management



Governor's Energy Office Emergency Support Plan (Petroleum)



Public Utility Commission (Regulated Energy Electricity-Natural Gas)



Arapahoe County
Emergency Operations Plan

City of Greenwood Village

Emergency Operations Plan

Fleet Management

Fuel Supply

Fuel Dealers

City/County

State Agencies

Industry

Priority Users

Colorado Fuel Sources



Pipelines with Finished Product and Crude from Several States



Two Refineries – 96,000 BBLS Daily at Peak

Several Distribution Terminals in the State



Fuel Dealers and Delivery Companies

2,234 Gasoline Convenience Stores, Fleet Fuel Storage Facilities in Colorado

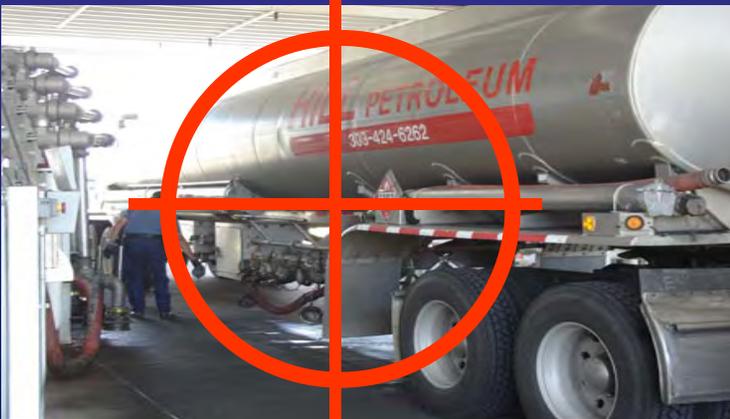


**Colorado Consumes 7.5 Million
Gallons of Gasoline Each Day
or
882 Transport Truck Loads
Daily**

What Can Go Wrong?



No Emergency Power at the Refineries



No Emergency Power at the Terminals

No Emergency Power at the 2,233 Gasoline Stations



Gray Oil in Ft. Lupton has an Emergency Generator. The Generator will Supply Electricity to One Diesel Pump and One Gasoline Pump

Emergency Fuel Response - During Emergency Operations Governor's Executive Orders Our Tools!



**Governor's
Energy Office
Emergency
Support Plan
(Petroleum)**



Driver Hours Waivers

Allow Overweight Tankers from 8,000 to 9,500 Gallons

"PRE-PASS" – Fuel Transports are not Required to Stop at Weight Stations

During Emergency – "Clear and Dyed Diesel are Considered Same for Emergency Vehicles – Tax Issues!

During Emergency Allow Fuel Transports through the "TUNNEL" during Bottom Half of Hour!

Consider Fuel Allocations and Fuel to Priority Users Only!

Critical Service Providers – Priority List

Agricultural production

Aviation ground support vehicles and equipment

Cargo, freight and mail hauling by truck

Emergency services and public works

Energy production

Health care facilities

Public passenger transportation services

Sanitation services

Snow removal and other non-normative road service

Telecommunication services

Utility services

Our Partners in the Emergency Fueling Program

Colorado State Fleet

Colorado Department of Transportation

Colorado State Patrol

Colorado Petroleum Marketers Association

Colorado Division of Emergency Management

Colorado Emergency Managers

Colorado Fleet Managers

Sinclair Terminal, Hill Petroleum, Gray Oil, Rex Oil, and many

Others

City of Lakewood, Littleton, Denver DIA, Local Emergency

Managers.

Stupid Things That Happen When the Power Goes Off

1. No emergency generator.
2. Failure to have an un-interruptible power supply for critical equipment.
3. Not knowing which areas of your facility has emergency power.
4. The generator starts and immediately runs out of fuel.
5. Assuming someone has filled the tank.
6. Not knowing who will deliver the fuel.
7. Not testing the fuel.

What the Team Has Accomplished!



Local Government Fleet and Emergency Managers are Planning Ahead!

- **Fleet Portfolio - Alternative fuel vehicles must be included into your emergency planning efforts**
- **“What If Your Fuel Supply is Reduced by 50 Percent”**
- **Does your agency have a priority system for vehicle usage during fuel shortages?**
- **Does your city/county emergency plan have an energy emergency annex?**

Emergency Fuel Management Plan

Do You Have Fuel Storage? . . . or depend on Open Market?

Are your pumps powered by an emergency generator?

How much fuel do you use per day?

Do you have a contract with a fuel delivery company?

How many days to empty if no fuel deliveries?

Who drives and who doesn't?

Fleet Fuel Management Plan

Days to Empty

Gasoline Use

Storage	Daily Use	Days to Empty	Days to Empty @ 25% Reduction	Days to Empty @ 50% Reduction
61,122	3,817	16	21	32

Diesel Use

44,174	4,334	10	14	20
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Emergency Managers are Working with Fuel Delivery Companies!

- **Getting to Know Their Fuel Delivery Company
– Name – Phones – Etc.**
- **Emergency Fueling of Generators at Critical Facilities**
- **Arranging “Wet Fueling” of Emergency Vehicles**
- **Ensure that you have Arranged a Mutual Aid Agreement with Adjacent Fueling Station at Local Governments – “With Generators”**

Our Next Steps – Fleet Managers and Local Emergency Managers

- **Taking the Message to the Action Team – Local Emergency Management and Industry Contingency Management.**
- **We are Presenting To: Fleet Management Associations, State Emergency Management Annual Seminars**

Emergency Fuel Management Plan

To Download This Presentation Go TO:

www.colorado-energy.com

Click On: **CO-Emergency Managers**