

***Scenario #2:
Cyberattack***

Scenario Facilitated Discussion Two - Cyberattack

Scenario

- On April 29th, at 3:15 p.m., a cyberattack targeting critical infrastructure systems, was reported to have occurred. While detection equipment provided early warning, allowing for many systems to be taken off-line, extensive damage has been reported at key points along the oil and gas supply chain (e.g., refineries, pipelines) servicing your region. The result is a significant reduction in fuel supply to your state. The Governor has declared a State of Emergency.
- Situation reports indicate that essential service providers (e.g., law enforcement, fire, emergency medical services) are encountering challenges with securing fuel. Additionally, industry partners have suggested that based on the scope of the cyberattack, normal fuel supply may not be available for at least one month.



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Scenario

- As a member of emergency management, the energy office, transportation, National Guard, or other critical agency stakeholder, you are part of a Fuel Supply Task Force for your state and the Governor has requested that a “*Petroleum Priorities for Essential Service Programs*” program be implemented to ensure essential service providers have adequate fuel supply to execute their respective responsibilities.

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Scenario Assumptions

- The Governor has issued a State Declaration of Emergency.
- Petroleum supplier are unable to provide sufficient fuel quantities to priority end-users via contractual/non-contractual agreements.
- Priority end-users are not receiving sufficient amounts of fuel to maintain essential public services.
- The Governor has implemented *“Waivers of Federal Motor Carrier Safety Regulations (Driver Hours of Service)”* and *“Waivers of Environmental Fuel Specifications.”*
- Emergency management and industry partners are monitoring petroleum supply to the region.
- The incident has regional impacts and is anticipated to last a minimum of one month.
- Cascading critical infrastructure impacts are likely.



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Discussion Objectives

- Discuss the provisions required to implement the “*Petroleum Priorities for Essential Service Programs*” program in accordance with implementation procedures (Guidance for State on Petroleum Shortage Planning Response, p.34).
- Discuss implementation considerations for the “*Retail Gas Station Priorities for Essential Services*” measure (Guidance for State on Petroleum Shortage Planning Response, p.70) when essential services do not possess adequate on-site fuel storage capabilities.