COMMUNITY LIFELINES AND REPORTING

- Safety and Security
- Food, Water, Sheltering
- Health and Medical
- Energy (Power & Fuel)
- Communications
- Transportation
- Hazardous Material
Overview

• Concept introduced by FEMA in response to 2017 hurricane season.

• Continued emphasis on event reporting to determine size and complexity of incidents.

• Supports resource decision making to address root cause impacts.
Overview

• FEMA is implementing the concept into planning, reporting and response processes.

• Ohio EMA is incorporating the concept into reporting and incident action planning/response activities.
COMMUNITY LIFELINES DEFINED

- A lifeline enables the continuous operation of government functions and critical business, and is essential to human health and safety or economic security.
COMMUNITY LIFELINES DEFINED

Power (Grid)
- Generation and Distribution
- Locations without power

Temporary Power
- Critical facilities
- Temp. Power Resources

Fuel
- Commercial fuel stations
- Fuel Supply Line Status
## ENERGY (POWER & FUEL) COMPONENTS AND SUBCOMPONENTS

<table>
<thead>
<tr>
<th>Power (Grid)</th>
<th>Temporary Power</th>
<th>Fuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status of electrical power generation and distribution facilities</td>
<td>Status of critical facilities</td>
<td>Status of commercial fuel stations</td>
</tr>
<tr>
<td>Number of people and locations without power</td>
<td>Availability of temporary power resources</td>
<td>Responder fuel availability</td>
</tr>
<tr>
<td>Estimated time to restoration of power</td>
<td></td>
<td>Status of critical fuel facilities</td>
</tr>
<tr>
<td>Number of electrically dependent persons (e.g., medical equipment) affected</td>
<td></td>
<td>Status of fuel supply line</td>
</tr>
<tr>
<td>Status of nuclear power plants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Status of nuclear power plants within 10 miles</td>
<td></td>
<td></td>
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<tr>
<td>Status of natural gas and fuel pipelines in the affected area</td>
<td></td>
<td></td>
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</tbody>
</table>
The lifeline construct is used to focus response actions on incident stabilization; thus the expected outcome is to stabilize all impacted lifelines.
• Incident destroys the cell towers within jurisdiction.
  • Stabilization?
  • Restoration?
Pre-Incident

- Develop Deliberate Plans with Stabilization Targets

Incident

- Disruption to critical service (Lifeline)
- Assess initial lifeline statuses, root cause and adjust stabilization targets for each lifeline
- Establish incident objectives

Incident Response

- Establish incident support requirements
- Organize response actions around lines of effort to accomplish incident objectives as prioritized
- Reassess lifeline status

Stabilization

- Stabilize all lifelines
### Status

**Ohio Definition – COUNTIES (proposed)**

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GREY</td>
<td>- Unknown status</td>
</tr>
<tr>
<td>GREEN</td>
<td>- No impacts; normal operations OR - County is addressing community lifeline sector issue(s) with existing resources or mutual aid. Normal operations may be augmented. Restoration can be completed within statutory state assistance. Solution(s) to disruption have been identified, adapted into a plan of action, resourced and implemented.</td>
</tr>
<tr>
<td>YELLOW</td>
<td>- Factors may inhibit or delay response AND/OR - County has requested state resources beyond statutory authorities to address community lifeline sector issue. Solution(s) to disruption have been identified and adapted into a plan of action. Plan may not have been resourced or implemented.</td>
</tr>
<tr>
<td>RED</td>
<td>- Significant factors may inhibit response AND/OR - Significant state or other external resources are likely AND/OR - Resources, solutions, and/or plan of action have not been identified.</td>
</tr>
</tbody>
</table>
### Determination of Stability

#### Ohio Definition – STATE (proposed)

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GREY</td>
<td>Unknown status</td>
</tr>
</tbody>
</table>
| GREEN  | Normal Operations OR  
|        | State agency(s) addressing community lifeline sector issue(s) for one or more counties with organic resources. Federal assets may be providing assistance within their statutory authority. Normal operations may be augmented. Solution(s) to disruption have been identified and adapted into a plan of action, resourced and implemented. |
| YELLOW | Factors may inhibit or delay response AND/OR  
|        | State EMA has requested EMAC or federal resources beyond statutory authorities to address community lifeline sector issue(s). Solution(s) to disruption have been identified and adapted into a plan of action. Plan may not have been resourced or implemented. |
| RED    | Significant factors may inhibit response AND/OR  
|        | Significant external assistance is likely AND/OR  
|        | Resources, solutions, and/or plan of action have not been identified |
DETERMINATION OF STABILITY

County Reporting

State EOC
ESF-5
Information and Planning

State Partner Reporting

Stability Determination
• Early engagement provides for determination of root cause and increased prevention of cascading impacts.

• Advanced planning developing future operational periods.
Ohio EMA is expanding reporting to include stability of lifelines.

Counties will have an integral role in relaying information to Watch Office/State EOC to:

- Refine Common Operating Picture
- Determine Initial Stability and Stability Benchmarks
- Align response efforts towards root cause/lifeline stabilization
- Confirm Stabilization/Restoration

During incidents, counties will be requested to engage in ongoing information exchange to feed back into common operating picture.
RESOURCES

• FEMA Lifelines Toolkit:
  https://www.fema.gov/media-library/assets/documents/177222

• FEMA Continuity Risk Toolkit; Appendix Z – Threat and Hazard Networks
  • Pages 243 through 287 of PDF document
  https://www.fema.gov/media-library/assets/documents/158254
If you have any questions, please reach out.

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Thank You!

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