Coordinating:
> Yakima Valley Emergency Management

Primary(s):
> Critical Infrastructure – Energy and Utility Providers
> Yakima County Public Services / Municipal Public Works

Supporting:
> Fire Services
> Yakima Health District
> Yakima Valley Emergency Management

Other Emergency Support Functions (ESFs) or Recovery Functions exist that coordinate with or support this ESF:

- **On the ESF Core Capabilities Matrix, find Primary core capabilities (P) within this ESF and then move vertically and add all Supporting (S) core capabilities and equate them to ESFs.**
- **Next find all Supporting (S) ESFs in the column and then move horizontally along each row of a Supporting (S) core capability to find all Primary (P) ESFs.**

ESF 1	ESF 2	ESF 3	ESF 4	ESF 5	ESF 7	ESF 10	ESF 11	Economic Recovery
Response								Recovery
Supports								
ESF 12								

1. **Purpose**
   1.1.   Emergency Support Function #12 – Energy and Utilities provide guidance for emergency coordination with providers of power, water, natural gas, petroleum, sanitation, and telecommunication resources to meet the essential needs of Yakima County during an emergency or disaster.

Primary Core Capabilities	
Shared Response and Recovery Mission Areas	
Infrastructure Systems	Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community.

Support Core Capabilities	
Response Mission Area	
Environmental Response/Health and Safety	Conduct appropriate measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from all hazards in support of responder operations and the affected communities.

EMERGENCY SUPPORT FUNCTION
12: ENERGY

Support Core Capabilities	
Fire Management & Suppression	Provide structural, wildland, and specialized firefighting capabilities to manage and suppress fires of all types, kinds, and complexities while protecting the lives, property, and environment in the affected area.
Logistics & Supply Chain Management	Deliver essential commodities, equipment, and services in support of impacted communities and survivors, to include emergency power and fuel support, as well as the coordination of access to community staples. Synchronize logistics capabilities and enable the restoration of impacted supply chains.
Operational Communications	Ensure the capacity for timely communications in support of security, situational awareness, and operations, by any and all means available, among and between affected communities in the impact area and all response forces.
Situational Assessment	Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response.

Support Core Capabilities	
Recovery Mission Area	
Economic Recovery	Return economic and business activities (including food and agriculture) to a healthy state and develop new business and employment opportunities that result in an economically viable community.

2. Policies

2.1. It is the policy of Yakima County governments/jurisdictions that utilities, whether publicly or privately owned, be prepared to respond to needs caused by an emergency or disaster. The Yakima Valley Emergency Management may establish liaison with such utility providers to coordinate disaster and emergency needs and services.

2.2. Local energy and utility providers' policies.

2.3. [Revised Code of Washington (RCW) 43.21G](), Energy supply emergencies, alerts.

3. Situation Overview

3.1. A severe natural disaster or other significant event can sever energy and utility lifelines, hindering the supply chain within or in transit to the impacted area. Severed energy and/or utility infrastructure also impacts firefighting, transportation, communication and other lifelines needed for public health and safety.

3.2. The extent of damage to the utility, energy, and transportation infrastructure will influence the strategy for assessment and restoration operations.

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3.3.   Damaged or destroyed transmission lines, pipelines, or energy distribution equipment may pose significant public health hazards and may pose unique debris management challenges.

3.4.   Utility and energy resources include: electricity, natural gas, propane, water, and wastewater.

4. Concept of Operations

4.1.   Obtain an assessment of the regional utility and energy networks, and the information analyzed to determine the most effective strategy for assisting.

4.2.   An assessment will be conducted to determine the scope of system damage, the supply of remaining resources, the capability of operable systems and equipment, and the nature of immediate needs.

4.3.   Elements of the transmission and pipeline systems that can be salvaged will be repositioned; technical assistance and equipment may be provided to remove those elements that are non-recoverable debris.

4.4.   Coordinate with providers to arrange deliveries or distribution of supplemental resources or equipment, as necessary.

4.5.   Resource needs and requests will be obtained from municipalities; Yakima County departments; appropriate state, tribal and federal agencies; and other ESFs. Requests as well as restoration operations will be prioritized, and resources will be allocated and deployed in mission assignments. Missions will be tracked, and resources will be reassigned as they become available for subsequent uses.

4.6.   Activities will be monitored to verify that the core duties of utility and energy companies can continue to be performed.

4.7.   **Whole Community Involvement**

   4.7.1. A successful Whole Community transportation program assesses local assets and capabilities, bolsters identified weaknesses, and supports locally-driven solutions. This includes, but is not limited to, inclusive disaster planning, supporting local response organizations and processes, developing partnerships with supportive groups and agencies, and ensuring a place at the table for government, residents, NGOs, businesses, churches, advocacy organizations, and other stakeholders.

   4.7.2. The Whole Community includes populations with individuals with disabilities and Access and Functional Needs (AFN). Any agency or organization that receives federal funding is required to have a plan or policy for addressing the needs of individuals with Limited English Proficiency (LEP), pursuant to Title VI, the Civil Rights Act. The Washington State Emergency Management Division and this ESF expects all agencies and organizations to comply with federal law. For more information on how each agency or organization complies with federal law, please contact the individual agency or organization.

4.7.3. Energy and utility repair and recovery can be a long-term and ongoing process that starts with the incident, engages the Whole Community, and is community-driven. The interplay of ESF #12 and the Public and Private Sector Stakeholders is a vital part of including the whole community concept. ESF #12 works to engage with the Whole Community to offer local and county resources, as well as, offer technical support or guidance on best practices as appropriate or requested.

Mission Area	Critical Task I.D.	Critical Tasks
Infrastructure Systems		
Response	2	Re-establish critical infrastructure within the affected areas to support ongoing emergency response operations, life sustainment, community functionality, and a transition to recovery.
	4	Formalize partnerships with governmental and private sector cyber incident or emergency response teams to accept, triage, and collaboratively respond to cascading impacts in an efficient manner.
Recovery	1	Restore and sustain essential services (public and private) to maintain community functionality.
	2	Develop a plan with a specified timeline for redeveloping community infrastructures to contribute to resiliency, accessibility, and sustainability.

Mission Area	Critical Task I.D.	Critical Tasks
Environmental Response/Health & Safety		
Response	1	Identify, assess, and mitigate worker health and safety hazards, and disseminate health and safety guidance and resources to response and recovery workers.
	3	Detect, assess, stabilize, and clean up releases of oil and hazardous materials into the environment, including buildings/structures, and properly manage waste.
	4	Identify, evaluate, and implement measures to prevent and minimize impacts to the environment, natural and cultural resources, and historic properties from all-hazard emergencies and response operations.

Mission Area	Critical Task I.D.	Critical Tasks
Fire Management & Suppression		
Response	1	Provide traditional first response or initial attack firefighting services.
	2	Conduct expanded or extended attack firefighting and support operations through coordinated response of fire management and specialized fire suppression resources.
	3	Ensure the coordinated deployment of appropriate local, regional, national, and international fire management and fire suppression resources to reinforce firefighting efforts and maintain an appropriate level of protection for subsequent fires.

Mission Area	Critical Task I.D.	Critical Tasks
Logistics & Supply Chain Management		
Response	1	Mobilize and deliver governmental, nongovernmental, and private sector resources to save lives, sustain lives, meet basic human needs, stabilize the incident, and transition to recovery, to include moving and delivering resources and services to meet the needs of disaster survivors.
	2	Enhance public and private resource and services support for an affected area.

Mission Area	Critical Task I.D.	Critical Tasks
Operational Communications		
Response	1	Ensure the capacity to communicate with both the emergency response community and the affected populations and establish interoperable voice and data communications between Federal, tribal, state, and local first responders.
	2	Re-establish sufficient communications infrastructure within the affected areas to support ongoing life-sustaining activities, provide basic human needs, and a transition to recovery.
	3	Re-establish critical information networks, including cybersecurity information sharing networks, to inform situational awareness, enable incident response, and support the resilience of key systems.

Mission Area	Critical Task I.D.	Critical Tasks
Situational Assessment		
Response	1	Deliver information sufficient to inform decision making regarding immediate lifesaving and life-sustaining activities, and engage governmental, private, and civic sector resources within and outside of the affected area to meet basic human needs and stabilize the incident.
	2	Deliver enhanced information to reinforce ongoing lifesaving and life-sustaining activities, and engage governmental, private, and civic sector resources within and outside of the affected area to meet basic human needs, stabilize the incident, and transition to recovery.

Mission Area	Critical Task I.D.	Critical Tasks
Economic Recovery		
Recovery	1	Conduct a preliminary assessment of economic issues and identify potential inhibitors to fostering stabilization of the affected communities.
	2	Return affected area's economy within the specified timeframe in the recovery plan.

5. Organization

   5.1.   The ESF #12 position will likely be staffed by a representative from the Yakima County Public Services Department. Personnel assigned to this position are recommended by the Director of Public Services and coordinated through the Director of Emergency Management or designee. The ESF #12 position, when activated, operates in the Yakima County EOC and is a member of the Infrastructure Branch within the Operations Section reporting to the Infrastructure Branch Director or Operations Section Chief. This position is the link to the energy and utility operations in the field.

   5.2.   The ESF #12 position provides subject-matter expertise to other EOC positions. Based on potential need, this ESF may operate on a 24-hour basis. Supporting agencies have representatives available at the county EOC or by telephone or email on a 24-hour basis while ESF #12 is operational.

   5.3.   **Mobilization** - Upon implementation, ESF 12 will initiate the following steps to identify and notify the appropriate Primary and Supporting agencies:

   5.3.1.   Identify the situation, type of incident, the likelihood of cascading events, and the current command structure.

   5.3.2.   Determine which organizations/agencies are currently active as leads of specific ESFs. Engage these organizations/agencies appropriate to their involvement in disaster response efforts.

   5.3.3.   Collect incoming information; observe and record resource prioritization; record resource gaps that may impact response and recovery.

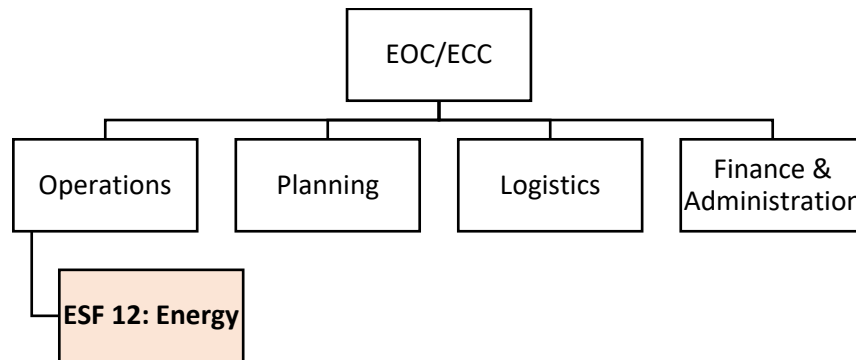Figure 1: YCEOC, ESF #12, Organizational Chart Example

6. Direction, Control, & Coordination

   6.1. Local government Incident Commanders (IC) where the emergency occurs will exercise tactical direction and control of disaster activities within that jurisdiction. The IC, or designee, will coordinate with YVEM, who is responsible for implementing the County Comprehensive Emergency Management Plan (CEMP). Each jurisdiction and private utility provider shall establish Standard Operating Guidelines (SOGs) to control, direct and/or support response and recovery actions.

   6.2. In cases where local resources to contend with an emergency do not exist or have been depleted, the affected Incident Commander (IC), in coordination with Yakima Valley Emergency Management

(YVEM), should request county aid first and then followed by state aid through the county and/or state EOCs, respectively. Resources made available to the local government will be under the operational control of the Chief Elected Official (CEO) or designee through the IC. When the resource mission is completed, the local ECC and Yakima County Emergency Operations Center (YCEOC)/Yakima Valley Emergency Management (YVEM) will be notified, and the resource returned for other assignment.

6.3. If the needed response exceeds these local capabilities, the CEO of the local jurisdiction may declare a "State of Emergency" to expedite access to resources needed to cope with the incident.

6.4. YVEM is responsible for the proper functioning of the YCEOC during emergency operations. YVEM, through the YCEOC, acts as a liaison with state and federal emergency agencies, and neighboring counties.

6.5. The YCEOC is the central point for coordinating emergency response and recovery actions. The purpose of this central point is to ensure harmonious response when the emergency involves more than one political entity and several response agencies. Coordination of services will be through the YCEOC Manager and Section Coordinators to provide for the most efficient management of resources.

6.6. Department/agency heads and other officials legally administering their office may perform their emergency function(s) on their own initiative if, in their judgment, the safety or welfare of the population is threatened. The YCEOC and/or YVEM should be notified as soon as possible.

7. Information Collection, Analysis, & Dissemination

7.1. Information collection on energy and utility services and infrastructure status will be coordinated through ESF #12 and the YCEOC or other designated point as appropriate to the incident.

7.2. The local Incident Commander (IC) or designee is responsible for providing situation reports and periodic updates to keep the YCEOC informed. The YCEOC, ESF #12 Coordinator, or designee shall provide situation reports to local support agencies/jurisdiction ECCs and the Washington State Emergency Management Division (WAEMD) – State Emergency Operations Center (SEOC) as appropriate.

7.3. Jurisdiction, agency, private-sector, non-governmental, and volunteer organization representatives within the YCEOC will assist with meeting the information collection, analysis, and dissemination needs/methods of the JIC (if activated) and YCEOC. This will include maintaining contact with their local incident PIOs for reports and updates.

7.4. Some infrastructure services and information/requests (e.g. expenditures and entering into contracts) coming into the YCEOC may require a vetting process through the Policy Group and the YCEOC Manager due to legal, policy, ethical, or other concerns.

7.5. The YCEOC will be responsible for collection, analysis, and dissemination of the latest incident information and resources as depicted in Figure 2: YCEOC Information Collection, Analysis, and Dissemination Process example.
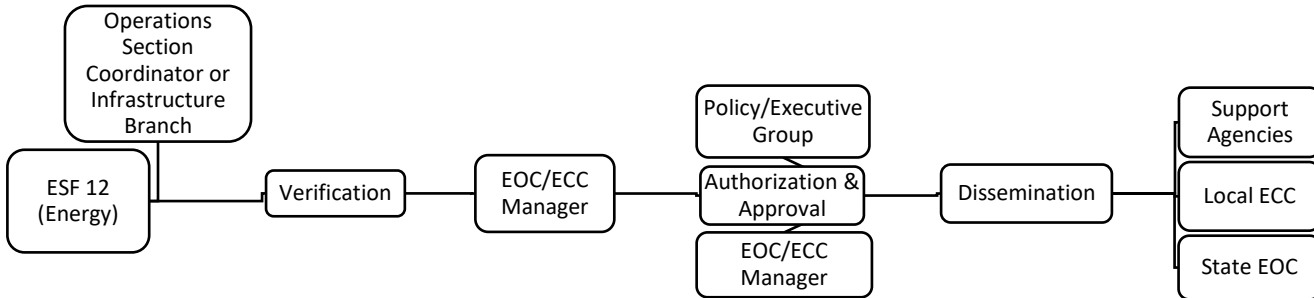

Figure 2: YCEOC Information Collection, Analysis, and Dissemination Process Example

8. Responsibilities

Response Mission Area			
Core Capability	**Critical Task I.D.**	**Activity/Action**	**Organization(s) Name**
Infrastructure Systems	2	Installs and maintains temporary infrastructure to restore service to residents and businesses as quickly as possible until permanent repairs may be made.	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works
Infrastructure Systems	2, 4	Provides subject-matter expertise and qualified personnel to aid in the restoring of energy systems.	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works
Environmental Response/Health & Safety	1	Analyze each request before committing people and other resources; ensures employees are prepared for duty and have appropriate personal protective equipment to operate in the environment to which they are assigned.	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works

	Response Mission Area		
Core Capability	Critical Task I.D.	Activity/Action	Organization(s) Name
Environmental Response/Health & Safety	3	Assist to detect, assess, stabilize, and clean up releases of any oil and hazardous materials into the environment, including buildings/structures, and properly manage waste.	Fire Services
Environmental Response/Health & Safety	4	Identify, evaluate, and implement measures to prevent and minimize impacts to the environment, natural resources, and properties from all-hazard emergencies.	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works
			Yakima Health District
Fire Management & Suppression	1, 2	Provide traditional initial attack or extended attack firefighting services and support operations through coordinated response of fire management and specialized fire suppression resources.	Fire Services
Logistics & Supply Chain Management	1, 2	Coordinate activities and requests for outside resources with WAEMD/SEOC.	YVEM / YCEOC
Operational Communications	1	Ensure the capacity to communicate with both the emergency response community and the affected populations and establish interoperable voice and data communications between support organizations and local first responders.	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works
			YVEM
Operational Communications	1, 2	Obtain, distribute and communicate incident contact information to emergency responders mobilized through ESF #12, through appropriate channels.	All Primary and Support Organizations
Operational Communications	2, 3	Re-establish sufficient communications infrastructure and critical information networks within the affected areas to support ongoing life-sustaining activities, provide basic human needs, and a transition to recovery.	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services /

Response Mission Area			
Core Capability	**Critical Task I.D.**	**Activity/Action**	**Organization(s) Name**
			Municipal Public Works
Situational Assessment	1	Serve as the primary source for reporting of critical infrastructure and key resource damages (CIKR).	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works
Situational Assessment	1, 2	Maintain liaison with Yakima County EOC to keep them informed on the situation.	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works
Situational Assessment	1, 2	Coordinate public information/sharing of press releases through ESF #15 and the Joint Information System (e.g. Joint Information Center).	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works
			YVEM

Recovery Mission Area			
Core Capability	**Critical Task I.D.**	**Activity/Action**	**Organization(s) Name**
Infrastructure Systems	1, 2	Coordinate the priority rating for the restoration of utilities based on what will be most beneficial to the entire community.	Critical Infrastructure – Energy and Utility Providers
			Yakima County Public Services / Municipal Public Works
			YVEM

	Recovery Mission Area		
Core Capability	**Critical Task I.D.**	**Activity/Action**	**Organization(s) Name**
Infrastructure Systems	3	Maintain any temporary infrastructure that was created until the repair of the primary infrastructure is completed.	All Primary and Support Organizations
Infrastructure Systems	1, 2, 3	Each ESF position (#5 Emergency Management and #14 Long-Term Recovery) should provide input on efforts that they feel will be the most beneficial to reducing the risk of or damage caused by future events.	All Primary and Support Organizations
Economic Recovery	1, 2	Monitor utility and energy resources and coordinate strategic restoration or delivery solutions, in cooperation with team members	YVEM

9. Resource Requirements

Resources	Providers
Desktop or Laptop	**Yakima County EOC (may bring home agency laptop)**
WebEOC login	**Primary Agency/Organization**
Contact list (phone & email) of organizations (master list)	**Yakima County EOC or Home Agency/Organization**
Internet and folder drive access	**Yakima County EOC**
Appropriate Home Agency/Org SOPs (hard & soft copies)	**Primary Agency/Organization**
Desk Phone	**Yakima County EOC**
Tiered communication structure with Incident Management Teams (IMT)	**Yakima County EOC**
Two-way Radio	**Yakima County EOC or Home Organization**
Training	**Providers**
E/G0191 (Emergency Operations Center/Incident Command System Interface)	**Various locations (in-residence)**
IS 100, 200, 700, 800	**FEMA Emergency Management Institute (online)**
ICS 300, 400	**Various locations (in-residence)**
Position training	**Yakima Valley Emergency Management (YVEM)**

10. References and Supporting Plans

10.1.   ESF 1 – Transportation, Yakima County CEMP

10.2.   ESF 2 – Communications, Information Systems, & Warning Infrastructure, Yakima County CEMP

10.3.   ESF 3 – Public Works and Engineering, Yakima County CEMP

10.4.   ESF 4 – Firefighting, Yakima County CEMP

10.5.   ESF 5 – Emergency Management, Yakima County CEMP

10.6.   ESF 7 – Resource Support, Yakima County CEMP

10.7.   ESF 10 – Oil and Hazardous Materials, Yakima County CEMP

10.8.   ESF 11 – Agriculture and Natural Resources, Yakima County CEMP

10.9.   [Washington State Comprehensive Emergency Management Plan (CEMP), ESF 12](#) – Energy.

10.10.   [Yakima Municipal Code, Chapter 6.06](#) – Emergency Powers of Mayor, City Council and City Manager

11. Terms and Definitions

11.1.   **Whole Community** – A focus on enabling the participation in national preparedness activities of a wider range of players from the private and nonprofit sectors, including nongovernmental organizations and the general public, in conjunction with the participation of all levels of government in order to foster better coordination and working relationships. Used interchangeably with "all-of-Nation." (National Preparedness Goal, September 2015)