



State Energy Security Plan Optional Drop-In: Cross- Sector Interdependency Diagrams

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This resource was produced by the U.S. Department of Energy's Office of Cybersecurity, Energy Security, and Emergency Response (CESER) to aid states in the development of State Energy Security Plans (SESPs). States may choose to incorporate parts or all of the provided material in their SESP (optional). States are encouraged to adapt or supplement the provided material to align with existing state roles, authorities, and plans; and to better address state-specific needs and situations. This document is not intended to be prescriptive or suggest non-statutory expansion of State Energy Office responsibilities, which may vary significantly from state to state.

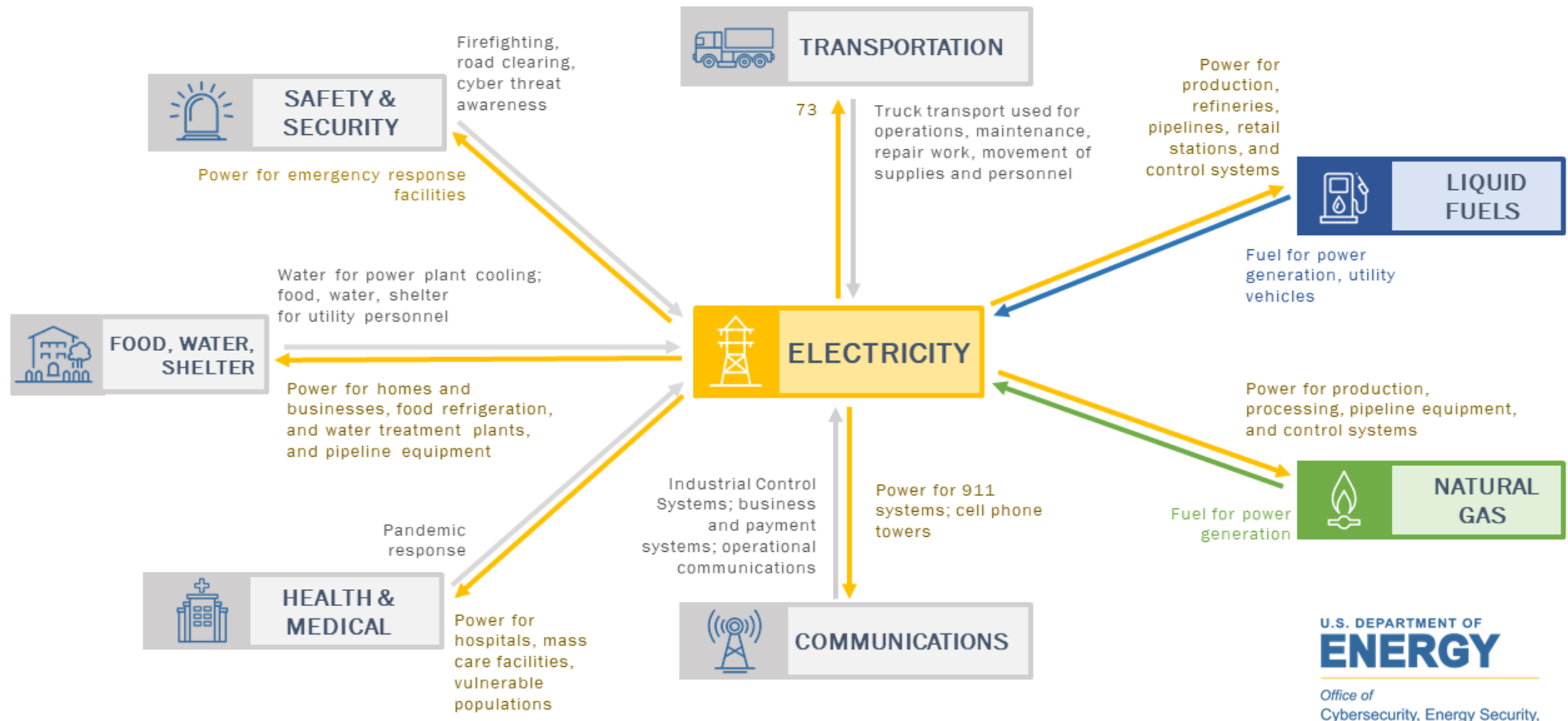
Interdependencies and connections exist between critical infrastructure elements and sectors. Identifying and understanding interdependencies (two-way) or dependencies (one-way) between infrastructure assets and sectors is important for assessing risks and vulnerabilities and energy security and resilience planning.

The Department of Homeland Security (DHS) has defined 16 [critical infrastructure sectors](#), including energy. All of the other critical infrastructure sectors depend on power and/or fuel to operate. A disruption or loss of the services provided by the energy sector [can directly affect the security and resilience within and across numerous sectors](#). The energy sector also depends on other sectors to help provide its services. There are also interdependencies within the energy sector itself. A comprehensive understanding of such interdependencies enables the sector to mitigate potential vulnerabilities and helps ensure that the nation's economy continues to deliver goods and services during extraordinary events.

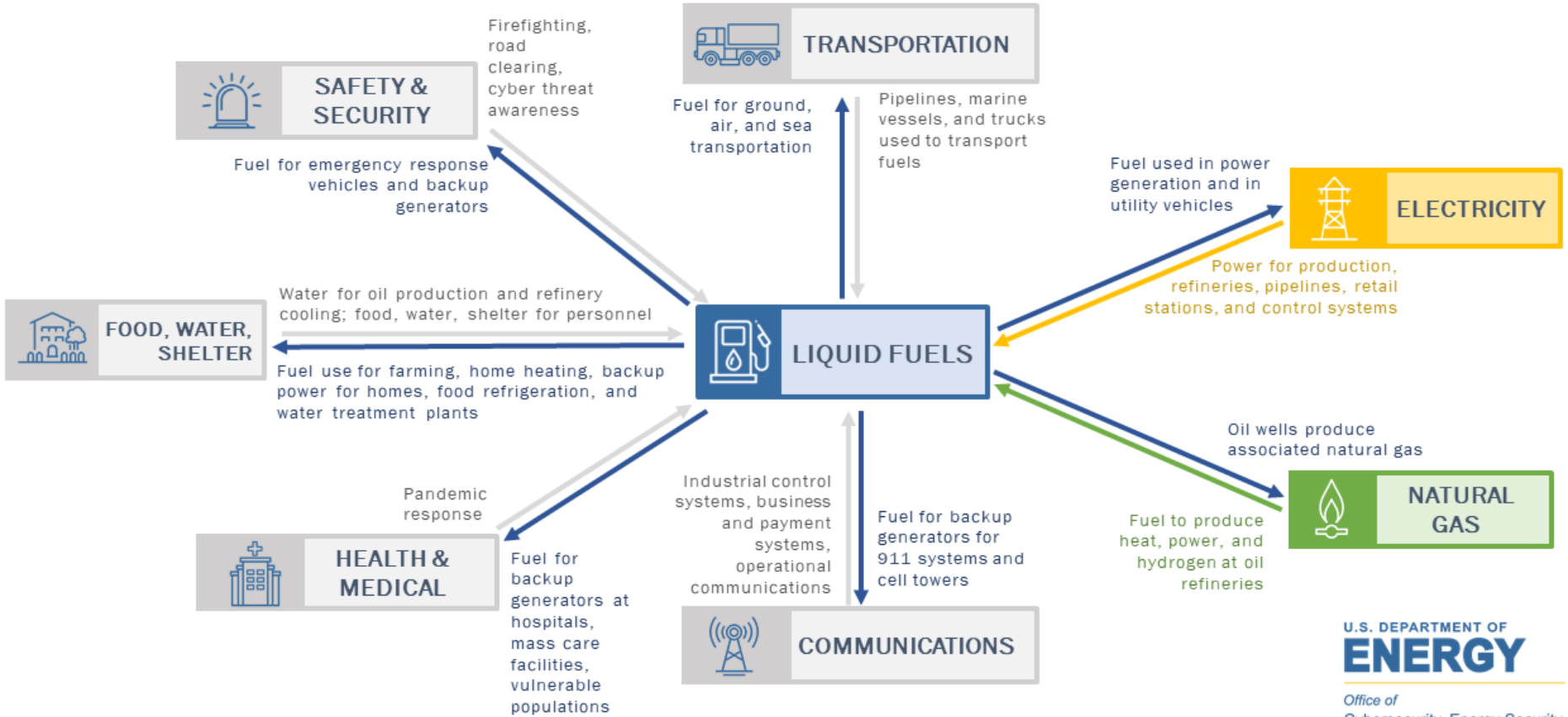
This document contains diagrams showing key dependencies and interdependencies between the energy sector and other critical infrastructure sectors. Diagrams include the following:

- [Electricity Interdependencies](#)
- [Liquid Fuels Interdependencies](#)
- [Natural Gas Interdependencies](#)

ELECTRICITY



LIQUID FUELS



NATURAL GAS

