

Cybersecurity: 2020 and Beyond

*Southern States Energy Board Associates
Meeting*

February 7, 2020

Cybersecurity Framing

- No longer “emerging issue,” now 20-year history.
- Mind shift from “if” to “when” the BCA occurs.
- Federal government still faces major issues.
- Private sector must maintain leadership role.

Major Issues

- Supply Chain
- Workforce
- Insider Threats
- Who Needs to Know?
- Information Exchange
- Operational Technology (OT)
- What role for defense and intel?

16 Critical Infrastructure Sectors and Sector-Specific Agencies (SSAs)



Chemical (DHS)



**Commercial
Facilities (DHS)**



**Communications
(DHS)**



**Critical
Manufacturing (DHS)**



Dams (DHS)



**Defense Industrial
Base (DOD)**



**Emergency
Services (DHS)**



Energy (DOE)



**Financial
(Treasury)**



**Food and Agriculture
(USDA, HHS)**



**Government Facilities
(DHS, GSA)**



**Healthcare and
Public Health
(HHS)**



**Information
Technology (DHS)**



**Nuclear Reactors,
Materials, Waste (DHS)**



**Transportation
(DHS, DOT)**



**Water and
Wastewater (EPA)**

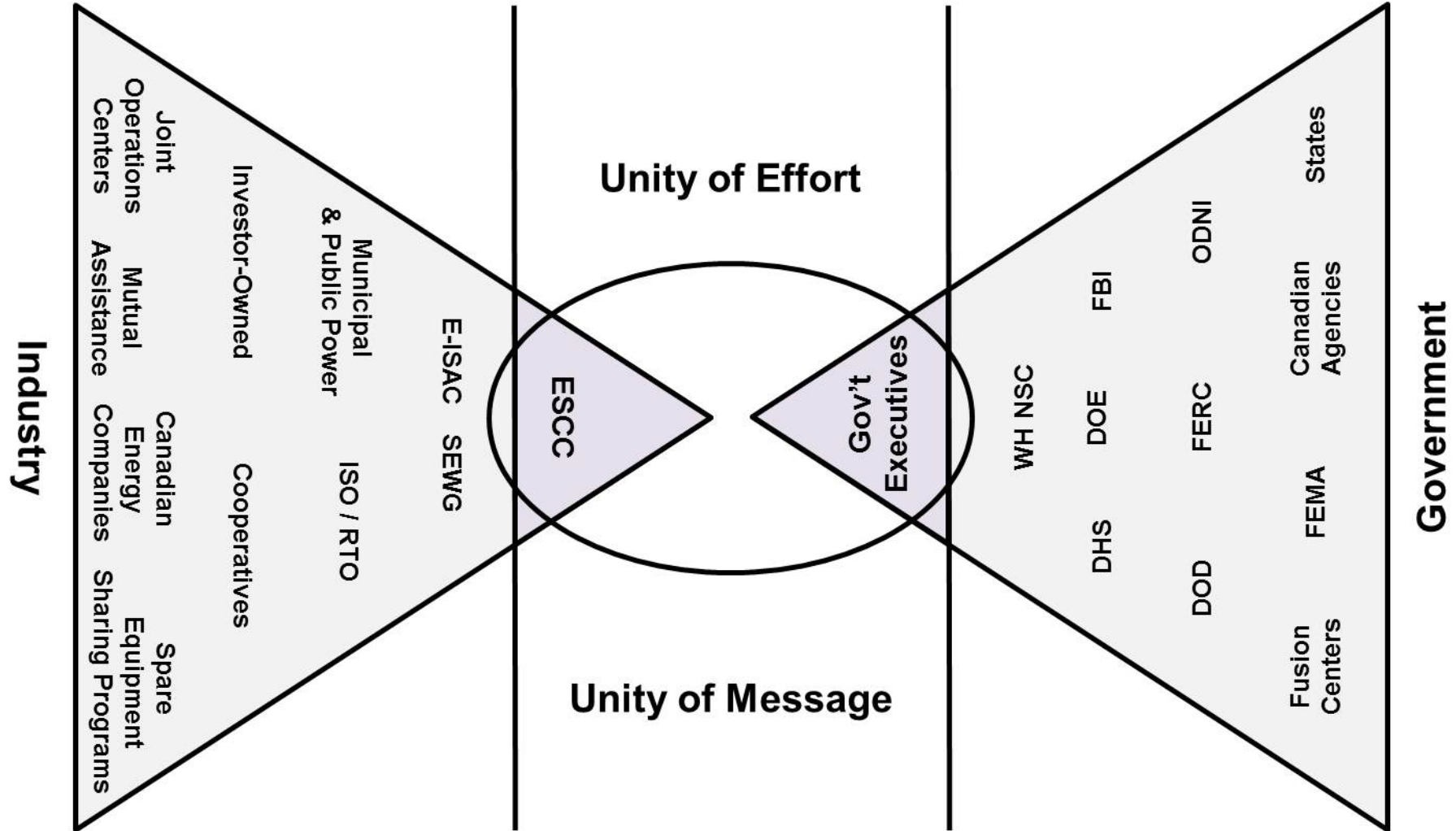


Electricity Subsector
Coordinating Council

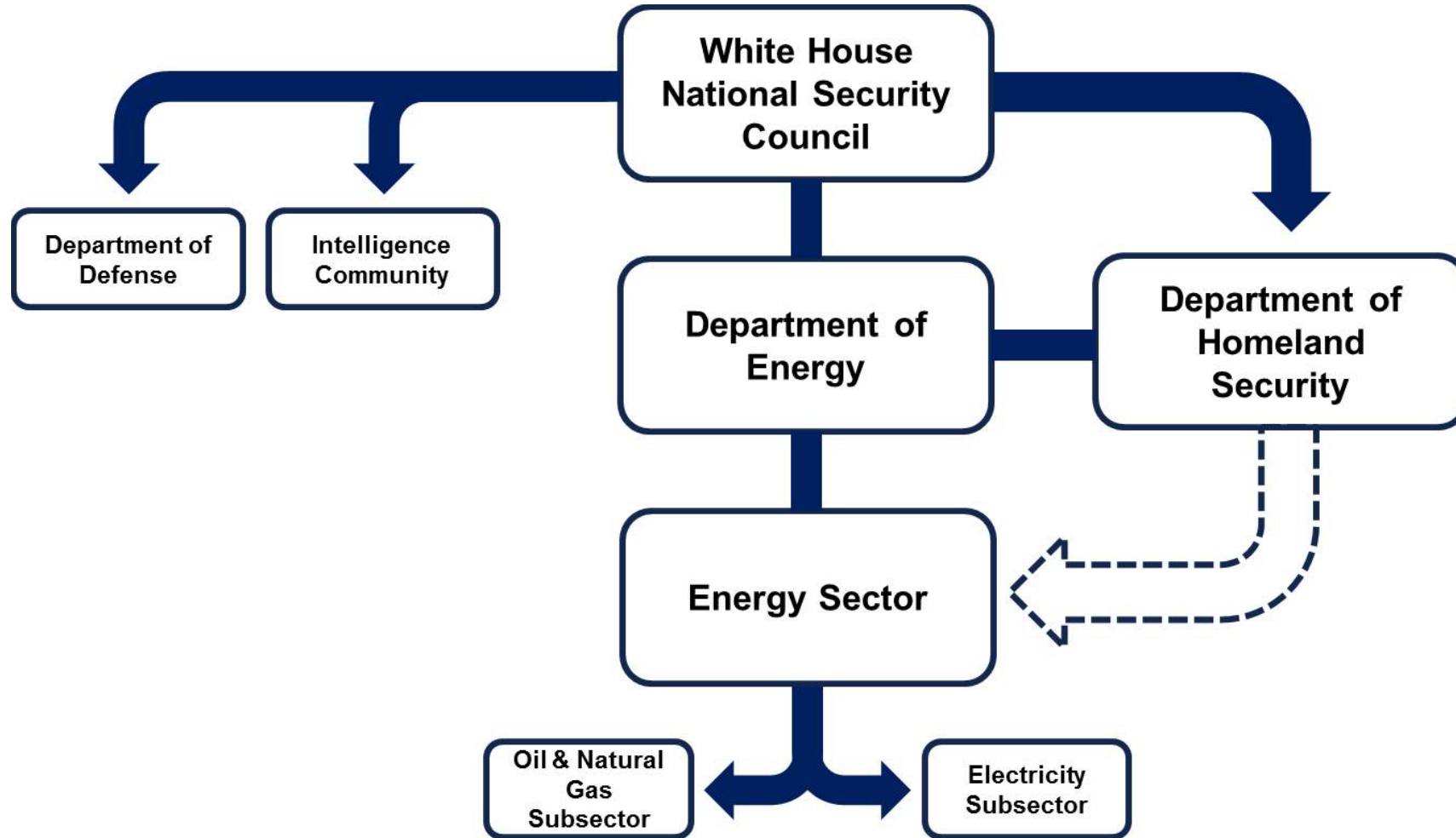
Purpose

The ESCC is the **principal liaison** between the electric sector and the federal government for coordinating efforts to prepare for, and respond to, national-level disasters or threats to critical infrastructure.

Industry-Government Coordination



Energy Sector Government Coordination Structure



Cybersecurity at Agencies

- Department of Energy as “SSA” for Energy
- DOE is NOT in regulatory role.
- DHS serves as SSA for many other sectors ...
- Mixed success with SSAs and sub-sectors.
- For example ...

Cybersecurity in the States

- Across states, varying degrees of preparation for the BCA.
- NARUC, NASEO, NGA, NCSL working hard, in partnership with DOE.
- Energy companies opening up to resilience conversations and exercises with state leaders.
- Regulatory concerns balanced with need to have these open conversations.

Cybersecurity on the Hill

- Not a lot of new news
- Supplemental Operating Strategies are compelling.
- Restructuring agency work.
- Pipeline Regulation??
- NDAA is easiest vehicle
- Keep an eye on Cyber Solarium hearings

Cyberspace Solarium Commission

- 14 members, 4 from Congress (King, Langevin, Gallagher, Sasse)
- Devoted a year-plus to big questions:
 - Public private balance
 - Deterring nation-state BCA
 - Organizing government to face threats

If you want to learn or do more

- SANS Institute Training
- DRAGOS webinars
- DHS Cyber Summit
- Spend time with Security teams at your companies ***

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