



# Homeland Security

## Communications and the Energy Sector

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Communications Government  
Coordinating Council

Co-Chair: Susan Moore  
February 14, 2010

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## Associated Communications Sector Alliances

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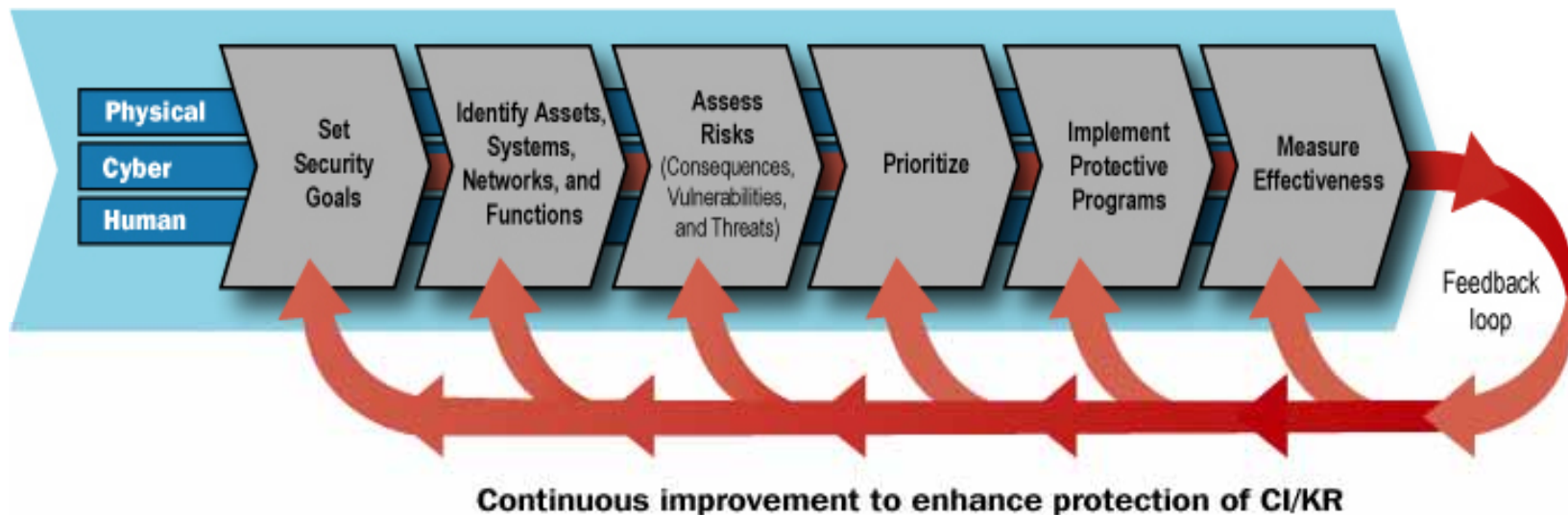
- **National Security Telecommunications Advisory Committee**
  - ❖ *Report to the President on Telecommunications and Electric Power Interdependencies: The Implications of Long-Term Outages (TEPI Report)*
  - ❖ Network Security Information Exchange
  
- **National Communications System**
  - ❖ Committee of Principals
    - Communications Dependency on Electric Power Working Group
      - *Communications Dependency on Electric Power Working Group Report: Long-Term Outage Study: February 17, 2009*
  - ❖ National Coordinating Center: Telecommunications Information Sharing and Analysis Center
  
- **Critical Infrastructure and Key Resources: National Infrastructure Protection Plan**
  - ❖ CIKR Cross-Sector Council
  - ❖ Regional Consortium Coordinating Council (RCCC)
  - ❖ Critical Infrastructure Partnership Advisory Council
    - Communications Sector/Government Coordinating Councils
      - *Interdependencies Working Group*



# Communications Sector Specific Plan

- The CGCC was established in 2005.
- Follows the *National Infrastructure Protection Plan (NIPP)* risk management framework and sector security public-private partnership model guidance.

## NIPP Risk Management Framework





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## **CGCC Communications/Energy Partnership Activities**

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- **Team 1**
  - ❖ Maintain current contact information for key decision makers in both sectors
- **Team 2**
  - ❖ Raise awareness of risks of a long-term outage
  - ❖ Incorporate long-term provisions into the National Response Framework
- **Team 3**
  - ❖ Identify tools to predict the occurrence and severity of geomagnetic induced currents (GIC), so that the National Coordinating Center NCC can get real-time information about GICs that could damage the Bulk Power Grid causing an LTO that would adversely impact the communications sector during solar storms
  - ❖ Prepare mitigations against solar storms
- **Team 4**
  - ❖ Identify critical telecom infrastructure components at local levels
  - ❖ Identify back-up power options at local levels
  - ❖ Explore the prioritization of telecommunications restoration by the electric sector at the local level

