

Emergency Planning

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Emergency Planning

Gas & Electricity Industry Challenge

Increased gas & electricity interaction

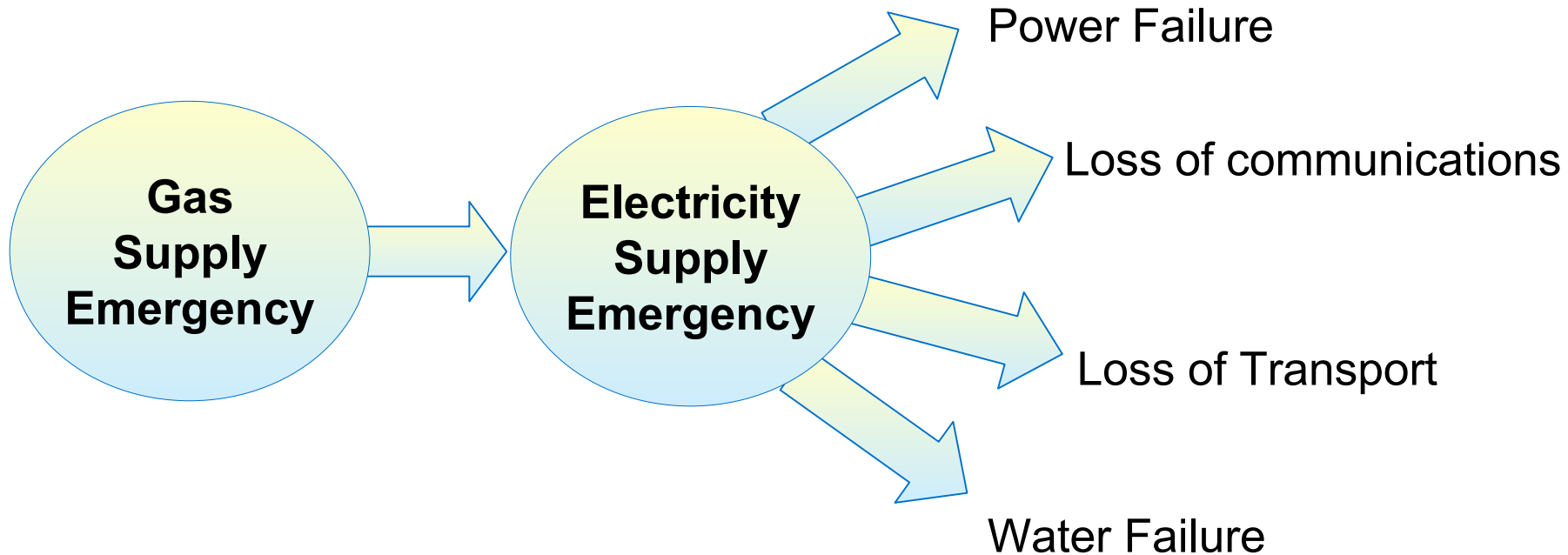
Increased focus on security of supply

Increased threat from terrorism

Civil Contingencies Act

Gas / Electricity Interaction

Possible Impacts



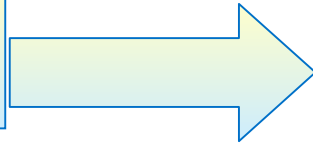
Key Emergency Arrangements - Electricity

Grid Code

Short Term

- Demand Management

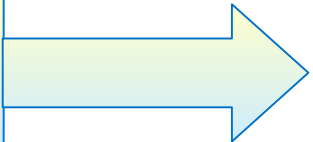
**Electricity Supply
Emergency Code**



Long Term

- Demand Management

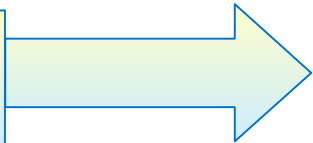
**Fuel Security
Code**



Long Term

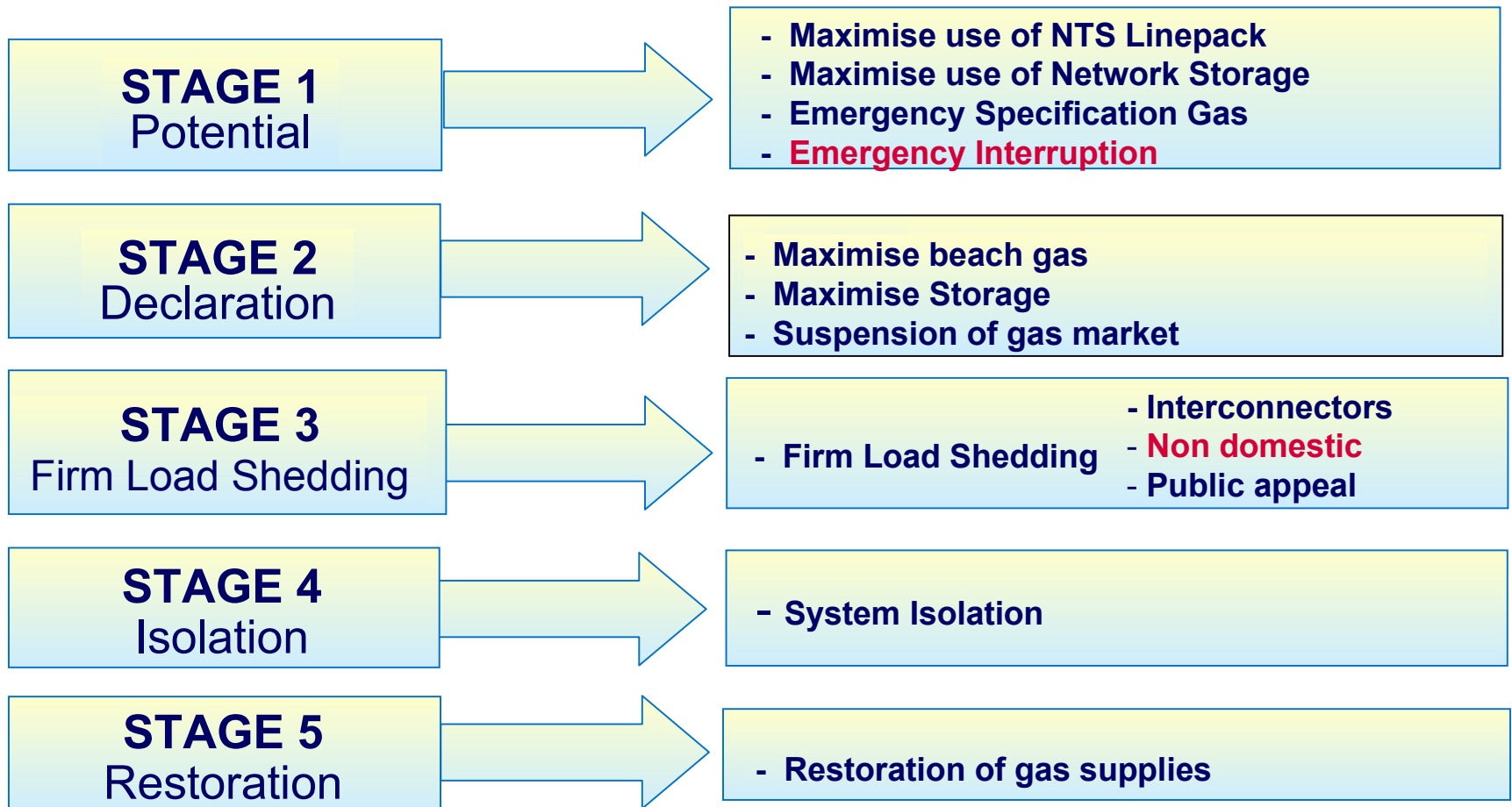
- Generation Management

Black Start

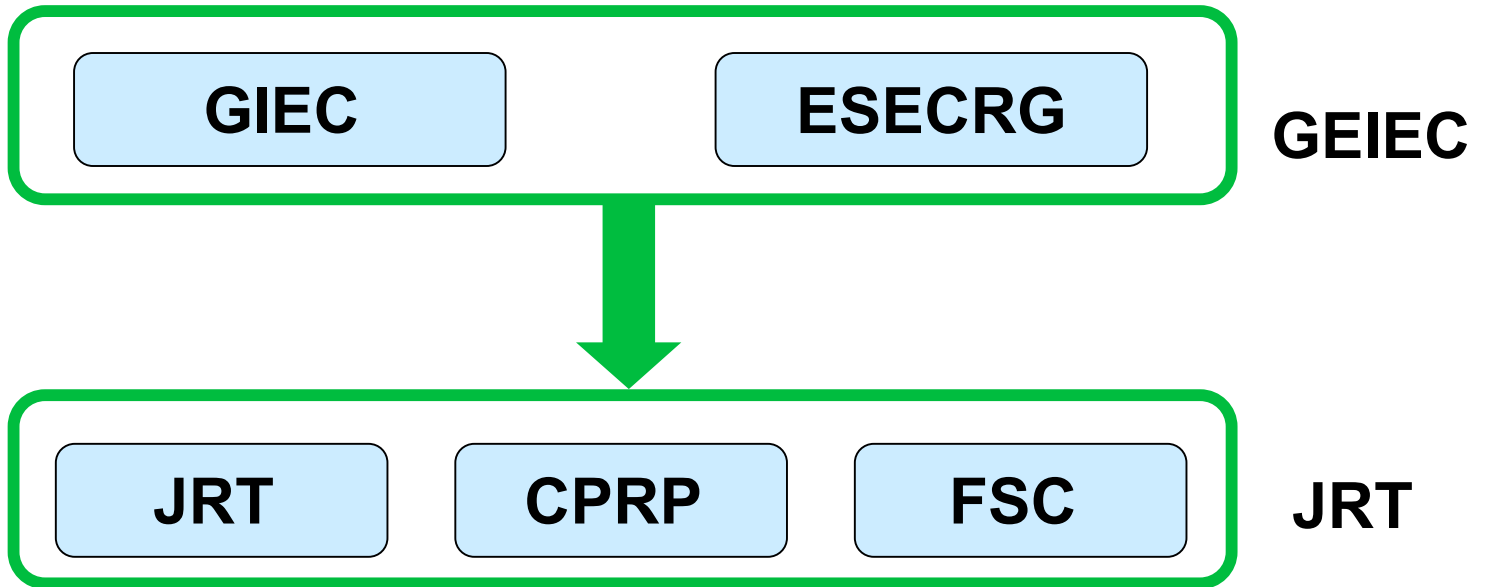


'Rebuilding' the system

Key Emergency Arrangements - Gas



Gas & Electricity Industry Emergency Committee



GIEC

Gas Industry Emergency Committee

ESECRG

Electricity Supply Emergency Code Review Group

CPRP

Contingency Planning Review Panel

FSC

Fuel Supplies Committee

JRT

Joint Response Team

Gas & Electricity Industry Emergency Committee Structure

GEIEC

Membership:

**DTI
Health Safety Exec
Ofgem
NGT
DNOs
Generators
Offshore
Shippers
Suppliers
energywatch**

Gas Task Group

Electricity Task Group

**Communications
Task Group**

**Develop test and operate
industry emergency
arrangements and codes**

National Grid Transco

Gas & Electricity Emergency Committee Role

GEIEC

- Develop and test national gas and electricity emergency arrangements
- Implement Incident Response Plan (IRP)
- Coordinate work of Task Groups.

Gas Task Group

- Develop and test gas emergency arrangements
- Support review of NEC Safety Case & E1 procedure
- Manage commercial issues.

Electricity Task Group

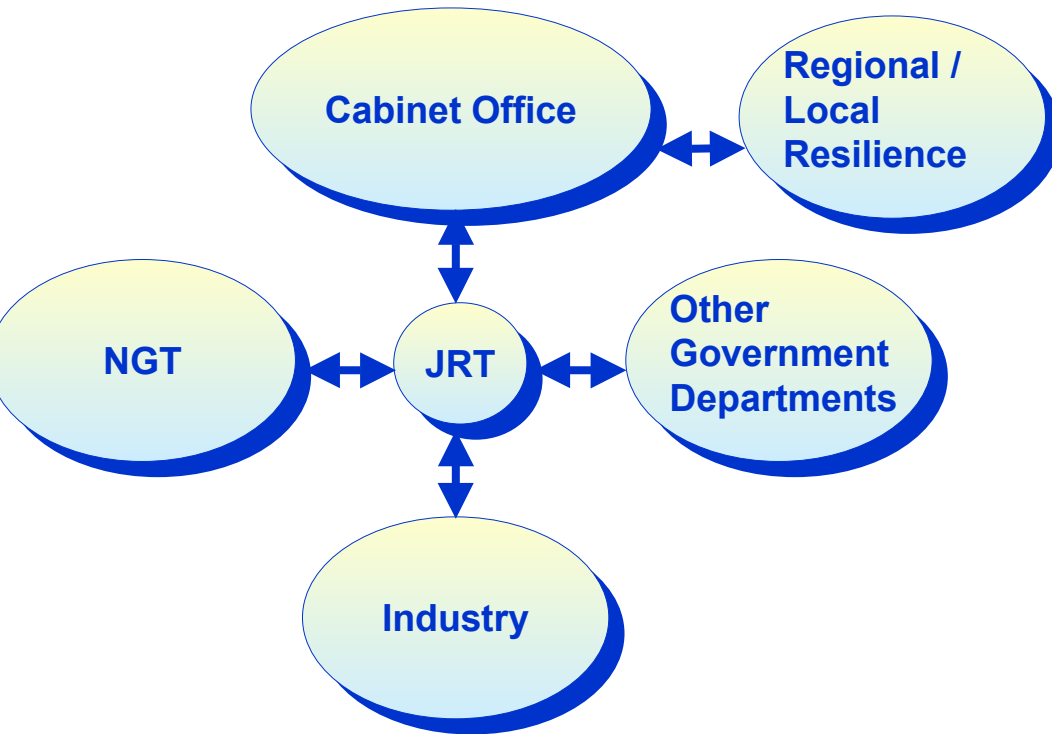
- Develop and test electricity emergency arrangements
- Support review of ESEC/FSC
- Review national blackstart policy
- Manage commercial issues.

Communications Task Group

- Develop and test emergency communications process.
- Develop public appeals process
- Raise profile of emergency planning in the industry

GEIEC

Joint Response Team (JRT) - Overview



Incident Response Plan / JRT:

- The Incident Response Plan defines the terms of reference for the JRT – (core members DTI, Ofgem & NGT)
- The JRT is established in the event of a potential, developing or actual gas/electricity supply emergency.
- The JRT provides information to industry and government on the emergency.
- Access to government powers such as ESEC and FSC

NGT - Emergency Response

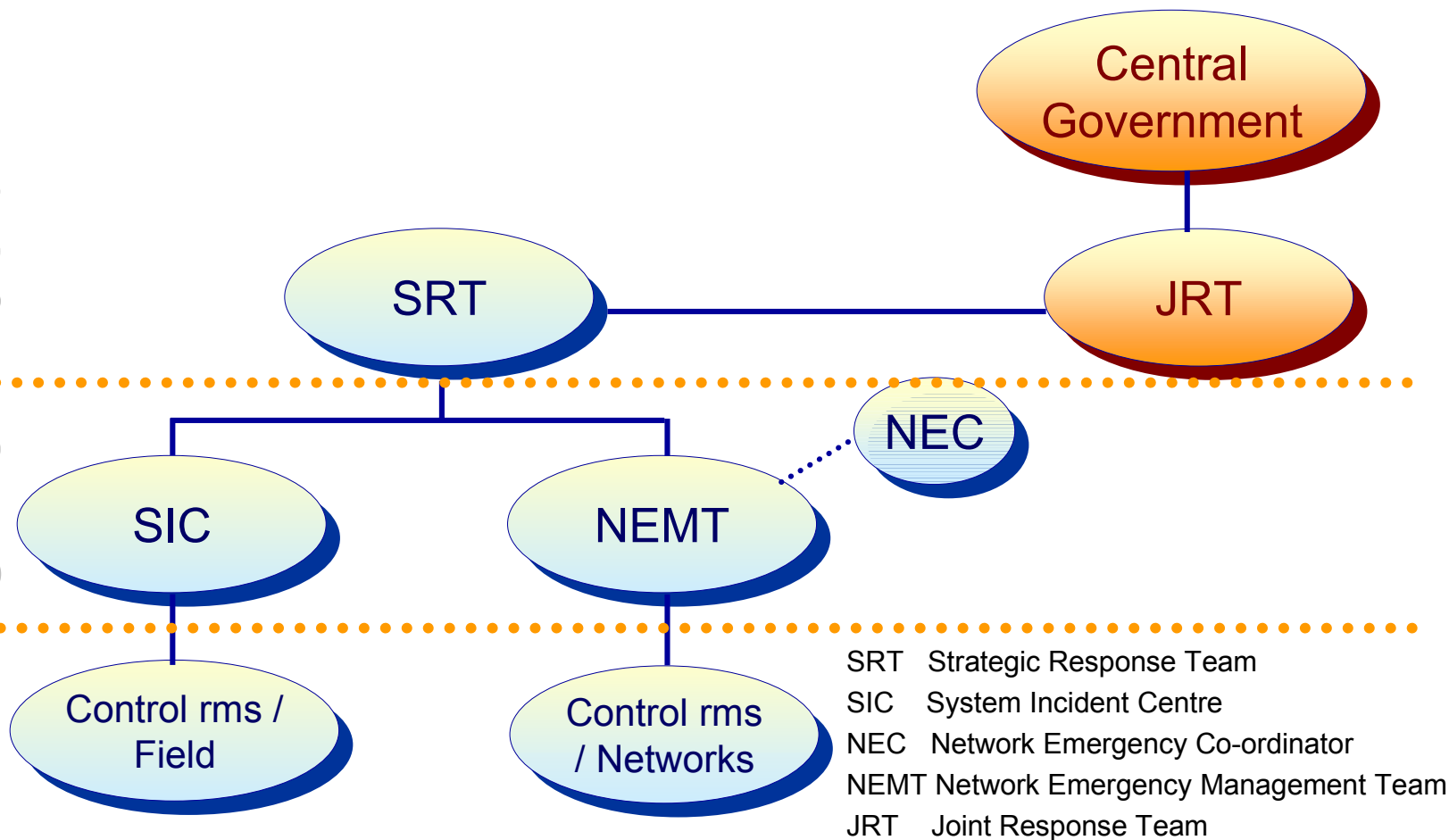
Gas / Electricity emergency.....

Gold

Silver

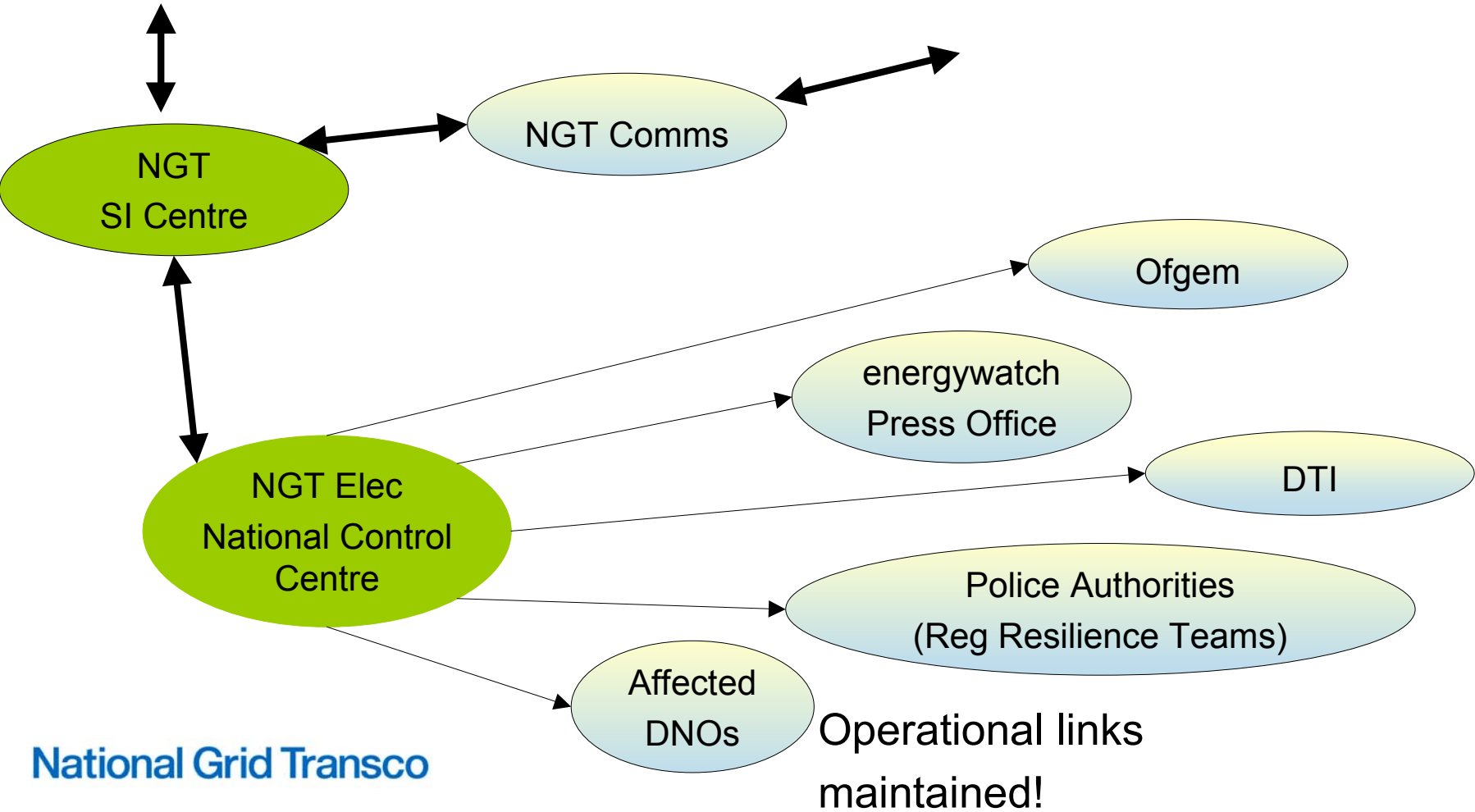
Bronze

National Grid Transco



Loss of Supply - Initial NGT Communications

Depending on incident.....



Civil Contingencies Act

The Civil Contingencies Act places obligations on:

- Category 1 responders - Blue lights / Local Authorities
 - Duty to plan, assess and test emergency arrangements
- Category 2 responders (Utilities amongst others)
 - Duty to co-operate with Category 1 responders

What does this mean?

- 9 Regional Resilience Foras / 43 Local Resilience Foras
- Indications of 2 meetings / LRF / year
- Interaction with national industry emergency plans

GEIEC looking to:

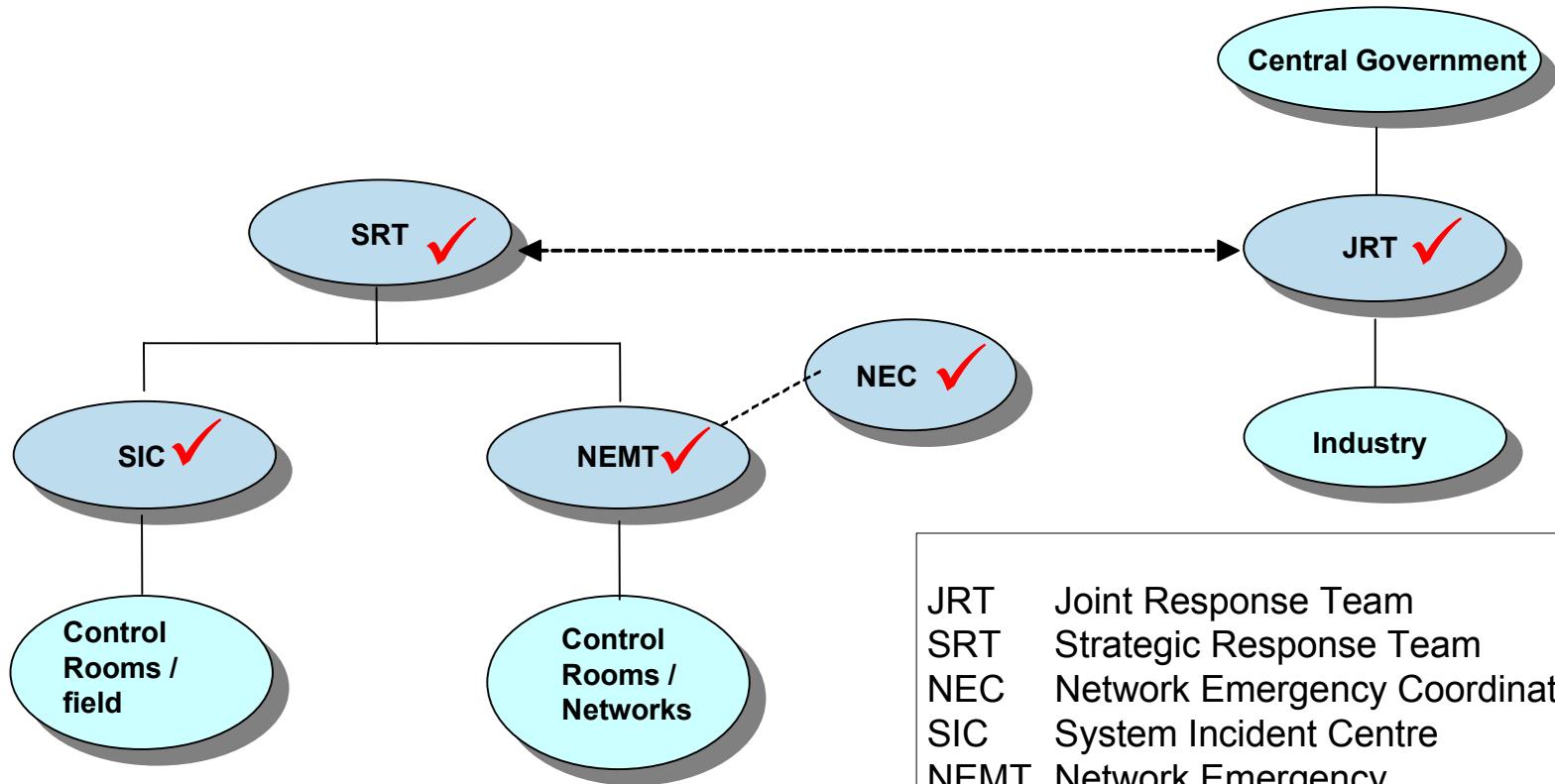
- Provide clarity on roles and responsibilities
- Assist in meeting CCA obligations efficiently

Testing - Exercise Lighthouse

Scope

NGT

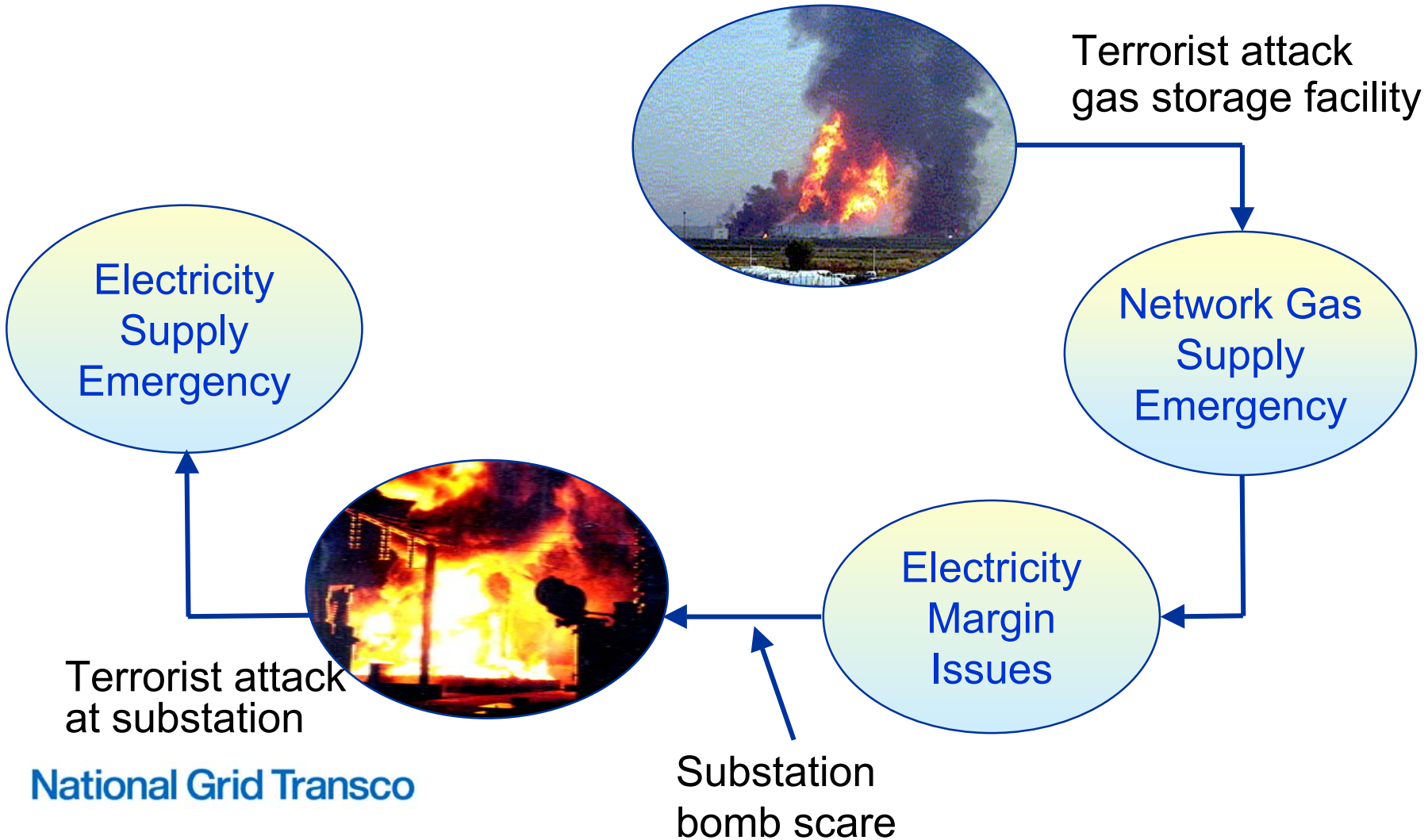
Industry



- | | |
|------|-----------------------------------|
| JRT | Joint Response Team |
| SRT | Strategic Response Team |
| NEC | Network Emergency Coordinator |
| SIC | System Incident Centre |
| NEMT | Network Emergency Management Team |

Testing - Exercise Lighthouse

Scenario



Testing - Exercise Lighthouse

Overall Incident Response

- Framework successfully implemented
- Ofgem 'approval' for NEMT and SIC to communicate
- Ability to access emergency powers established
- Media statements and TV / Radio interviews
- JRT 'Industry spokespersons' briefings
- Resolution of incident issues
- Planning for sustained Emergency Framework response

Key Messages

- Consolidation of emergency arrangements under GEIEC
- Work of the GEIEC
- Industry Emergency framework - Incident Response Plan
- Civil Contingencies Act implications for industry
- ESEC - revised code issued by DTI for this winter



Any questions?



LUNCH