



Safe Restoration of Energy Supplies

- Electricity networks fail safe - gas networks need to be made safe
- Electricity networks re-livened directly - gas systems need purging and individually relighting
- In Wellington Region, high rate of co-existence of both types of networks – and multiple operators involved
- Interaction during restoration can add to the conflagration

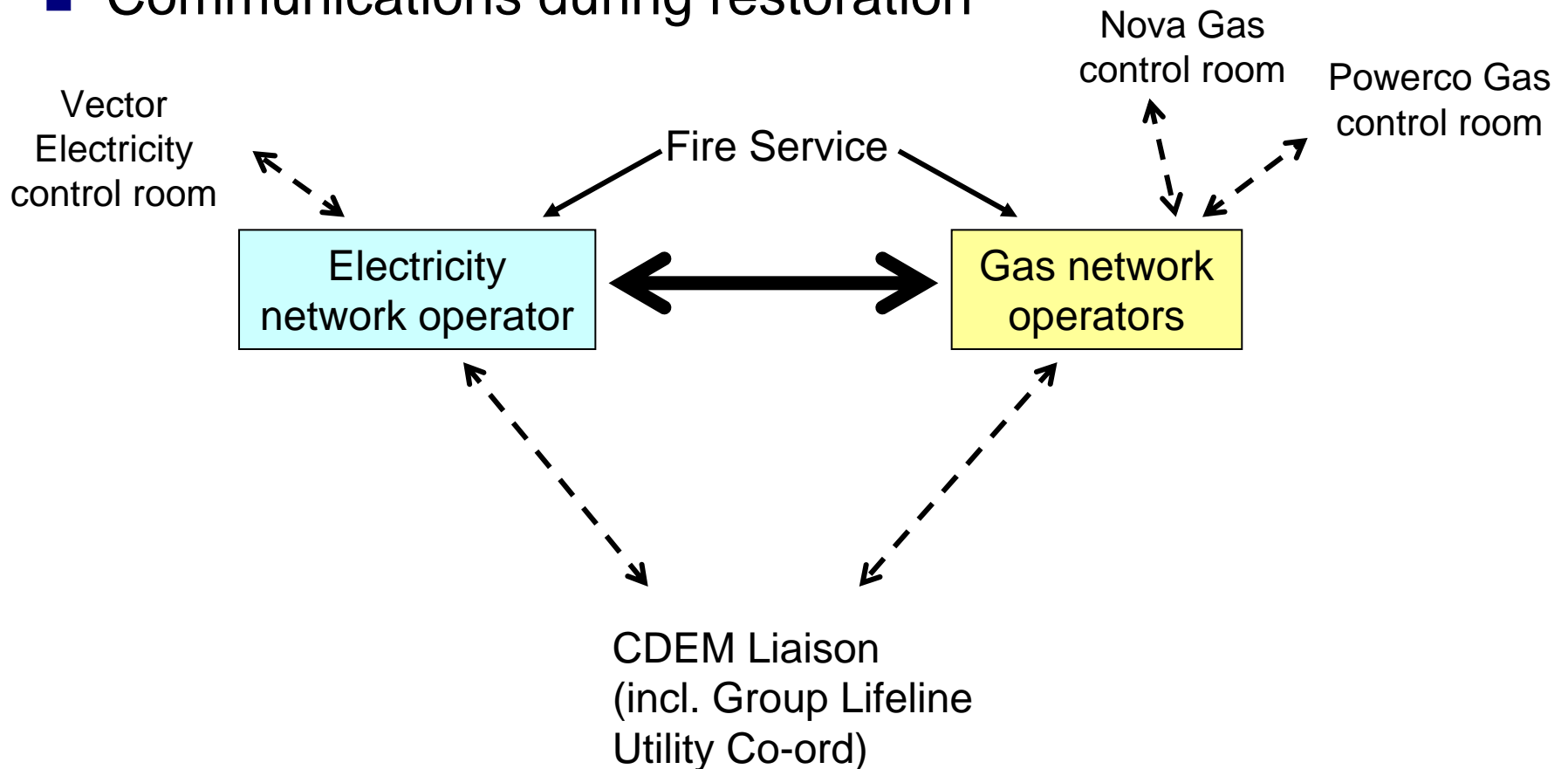


Safe Restoration of Energy Supplies

- Issues for safe restoration
 - Information about network status is vital
 - Liaison directly between operators is necessary
 - Restoration by network sectors
 - All energy supplied from outside the region
 - Gas consumers need electricity to operate
 - Reconnections involve energy retailers

Safe Restoration of Energy Supplies

■ Communications during restoration



Safe Restoration of Energy Supplies

■ Restoration Protocol

- Guidance on restoration procedures following a major earthquake
 - Communication requirements
 - Explanation of the potential hazards
 - Insert for Emergency Plans
 - Listing of other relevant contingency response material

- *Responsibilities for safe restoration lie with each network operator*



Safe Restoration of Energy Supplies

- Final stages of preparation of draft protocol
 - Further work will involve the Fire Service as key party
 - Need for training session on protocols with electricity and gas control rooms
 - Blueprint for national adoption