



Serving the Midlands, South West and Wales

Emergency Resilience

Stakeholder Workshops – Afternoon Surgery

January/February 2017

Emergency Planning

- WPD are a Cat 2 Responder under the Civil contingencies Act 2004
- Operator of some Critical National Infrastructure but lots of Critical *Local* Infrastructure
- Covering 19 Local Resilience Fora
- Eyes on the weather – EA Targeted Flood Warning Service, daily Meteogroup forecasts
- 3rd Party Damage and Metal Theft
- Generator Fleet – reduced reliance on 3rd party providers
- Bunkered Fuel Provision
- Disaster Recovery Sites
- Representation at SCG/TCG when required/requested

Contingency Arrangements

6,500 direct employees

Reduced reliance on 3rd party contractors

Ability to move workforce prior to an event – go big and go early

Open local depots early

Additional standby cover

Cancellation of planned works

Bums on seats and utilisation of home workers to take customer calls

Everyone has a role in an emergency

And if we can't cope...

NEWSAC – industry mutual aid arrangements



MoU's in place

- British Red Cross
- NCASS



UK Risk Register

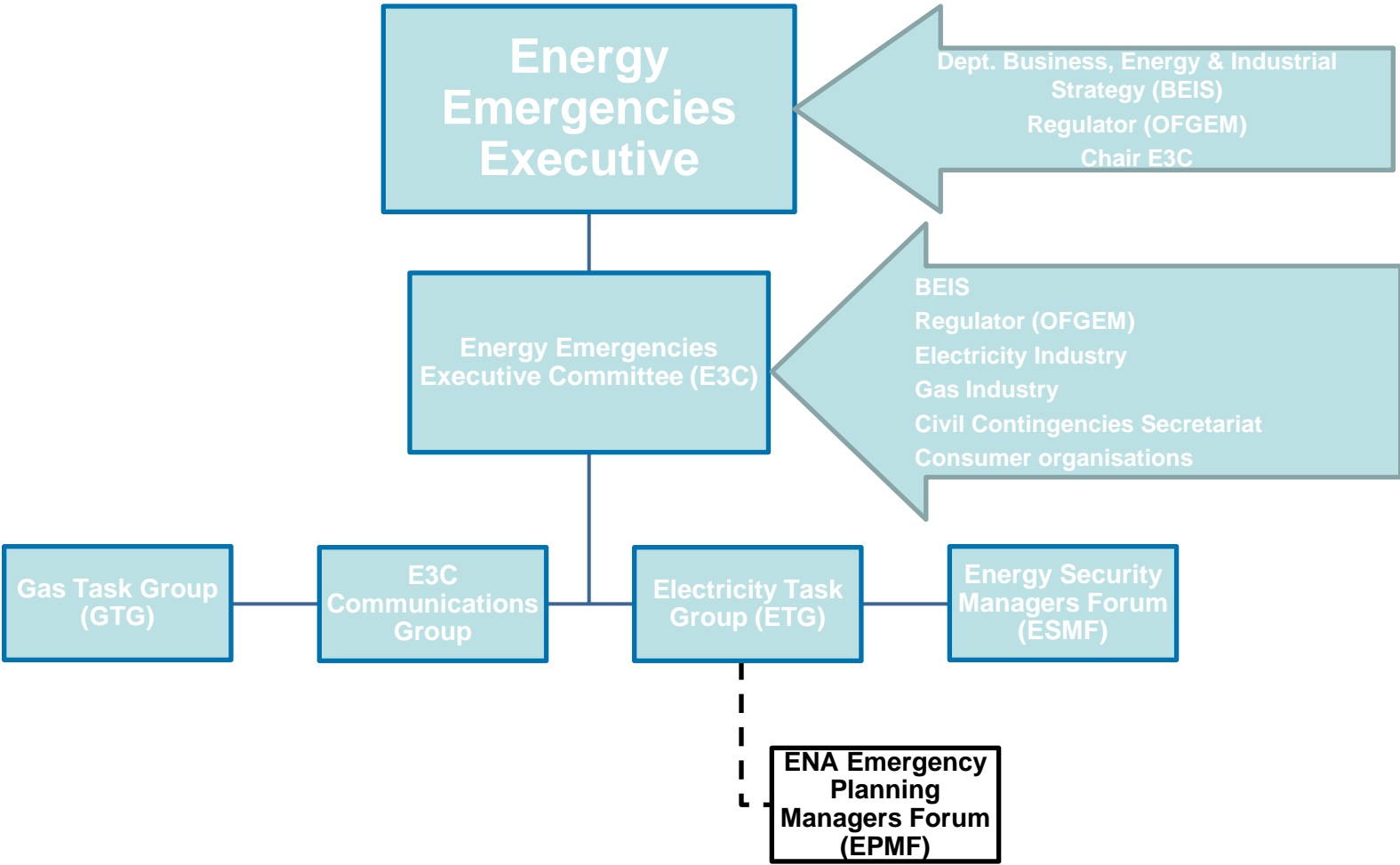
Energy Specific

- H38 – Rota Disconnections
- H41 – Total Shutdown
- H45 – Regional Shutdown
 - Gas failures (upstream and downstream)

Linked Risks

- H19 - Flooding
- H23 - Pandemic
- H31 - Fuel
- H40 - Telecommunications
- H56 - Severe Space Weather
- H25 - Animal Disease
- Others - Adverse Weather
 - Cyber: Attack on infrastructure and data confidentiality
 - Attacks on infrastructure

UK Energy Resilience Structure





Risks



Storms or adverse weather

Third party damage – accidental or intentional

Flooding

Plant failures

Pandemic or industrial action

Fuel crisis

Energy shortages

Black Start

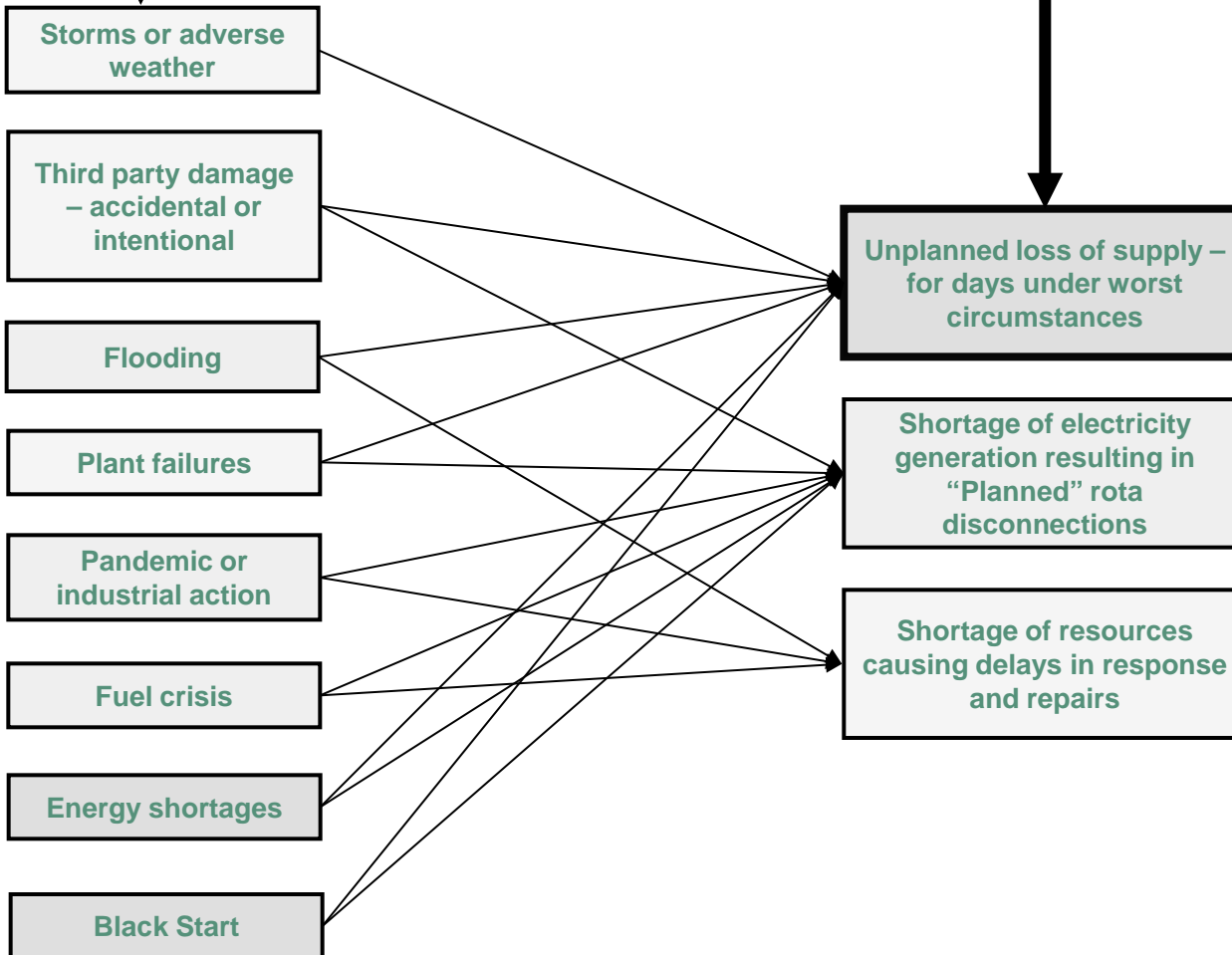
Outcome



Unplanned loss of supply – for days under worst circumstances

Shortage of electricity generation resulting in “Planned” rota disconnections

Shortage of resources causing delays in response and repairs



Business Continuity



Your opinion
matters...

Helping your business
**prepare for
a power cut**

Before a Power Cut

- Torches & batteries
- Phone/Tablet batteries
- Key contact numbers
- Analogue phones
- Reputation
- Medical dependencies
- Stakeholders / Supply chain
- Alternative locations
- Lifts
- Checklist

Be prepared!

You can also use this leaflet straight away to find out what you can do before a power cut to make sure you're prepared.

This leaflet is intended to help you prepare for a power cut. We've included a checklist on page 8 of some of the things you may wish to consider.

Use this handy checklist to make sure you're prepared in the event of a power cut



Things to **think about before** you have a power cut:



During a Power Cut

- Unplug unnecessary equipment
- Fuel for generator
- Length of outage
- Stakeholders
- Staff
- Vulnerable staff, ie disabled
- Leave a light on
- Social Media
- Disaster Recovery Plans
- IT back up

During a power cut...

**Tell us
if you have
a power cut**

If you are without power, you can check for more information on our online power cut map. Go to www.westernpower.co.uk/power-outages and click on 'Power cuts in your area'.

To report a power cut call **0800 6783 105**

General things to **think about during** a power cut – **your equipment**



Questions for feedback

1. How useful do you think the booklet is?
2. Is there anything missing that would be useful to your organisation?
3. Design wise, how clearly is everything set out?
4. Are the key numbers easy to find?
5. Do you think your organisation would change its behaviour as a result of the booklet? How?
6. How can WPD best distribute the booklet to businesses?
7. Can you suggest any organisations/bodies that we could utilise to help with this?

Thank you for your time...

Have a safe journey home.