The European Commission’s science and knowledge service

Joint Research Centre

Regulation (EU) No 994/2010

The role played by DG JRC

EEF Briefing on Security of Gas Supply for MEP Assistants

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Outline

- Gas Supply in Europe
- Origin of Regulation (EU) No 994/2010
- Role played by DG JRC in the implementation of Regulation (EU) No 994/2010
  - Provide guidance to MS
  - Review MS Risk Assessments, Preventive Action Plans and Emergency Plans
  - Contribution to the study to amend the Regulation
  - Specific support to MS and neighbouring countries

Conclusions
Natural gas currently represents around 20% of the EU's overall energy consumption.

Based on currently adopted policies is projected to remain relatively stable in the coming years.

*Source: Eurostat*
The gas import dependency of the EU was at about 65% in 2013, (50% increase of gas dependency over the period 1995-2013)
Connecting Gas Markets

2013

Number of supply sources a country may potentially access to through infrastructure (at least 5% share)

1 2 3 4 5 6 7

Presence of Liquefied Natural Gas Terminal(s)

Supply Sources: Azerbaijan (new source), Algeria, Libya, Norway, Russia, EU Production, LNG (treated as one source)

Reference year 2013

Source: European Commission
PCI: key energy infrastructure projects to integrate Europe’s energy markets and diversify sources
Origin of Regulation (EU) No 994/2010

- Dispute UA – RU during the winter of 2008-2009
- Clear indications about the weaknesses of the existing Directive to cope with gas crises
- Need of a new tool (Regulation)
Guidance to MS

- **Wide expertise of DG JRC in the area of Risk Assessment (Nuclear Power Plants, Nuclear Waste, Natural and technological hazards, etc.)**

- **Risk Assessments**
  - Developing methodological guidelines to perform Risk Assessments in line with Regulation (EU) No 994/2010

- **Preventive Action plan and Emergency Plan**
  - Providing good practices to develop Preventive Action Plans and Emergency Plans in line with Regulation (EU) No 994/2010
Reviews of MS
RAs, PAPs and EPs

• Reviewing Risk Assessments and Plans of first two rounds of implementations (153 reports)

  ➔ identifying when Plans are ineffective

  ➔ Identifying when Plans are inconsistent with the RA or with the Plans of another MS

  ➔ or may endanger the security of supply of another MS

  ➔ basis for the binding opinions given by the EC to MS (Article 4(1) of Regulation (EU) No 994/2010)

Contribution to the work to propose a new Security of Gas Supply Regulation

- Contribution to reporting to the European Parliament on the implementation of Regulation (EU) No 994/2010 (SWD(2014) 325 final)


- Contribution to the new proposal for a Regulation on security of gas supply
  - Contribution to the definition of regions for the regional approach
  - Contribution to updated N-1 Standard and need to back it up with a hydraulic computation
  - Contribution to develop templates for Risk Assessment and Plans
Specific support to MS and neighbouring countries

- **Support to MS to implement parts of the Regulation (upon request)**
  - Joint Risk Assessment developed for BG-EL [RO]
  - On-going support to the Baltic States and Finland to develop their Joint Risk Assessment

- **Dissemination of the EU 'acquis' in the area of Security of Gas Supply**
  - Ongoing support to Ukraine to implement their Rules for Security of Gas Supply (Standards, RA and PAP) and National Action plan (EP)
  - Annual training courses on the application of Regulation (EU) No 994/2010 to E&IA countries since 2011
  - Long-term collaboration with the Energy Community Secretariat
During the last six years JRC has developed the methods, tools and skills to

- Support the EC in the implementation of Regulation (EU) No 994/2010
- Contribute to propose a better Regulation on security of gas supply
- Provide support to MS and neighbouring countries

Way ahead ➔ further improvement of methods and tools to provide science-based support to the EU
Thank you for your attention!

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