

## **DSWG Sub-Group 19-08-05**

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### **IE3 Resilience Project**

- IE3 is the system used by NG to publish most of its system data onto the internet.
- Originally designed for monthly reporting and after the day data under NCCORM.
- Other information has been added over time.
- Recently there has been a significant increase in system workload through increased "hits" from users and the DTI information initiative.
- Significant improvements have been made and system works well for some types of data but there are still reliability issues to resolve.

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## IE3 Resilience Project

- Project Phases
  - From now:
    - 24-7 system support in place
  - From Dec 05
    - Improved load balancing of web servers (improved resilience and speed)
    - 1st stage of disaster recovery functionality
  - From March 06
    - Additional resilience
    - 2nd stage of disaster recovery functionality
    - Separate server for database (removes requirement for downtime to do backups)
  - From June 06
    - Install monitoring alarm system

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Information provision to gas market participants for winter 2005/06

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## How did we get to where we are?

- The gas information that National Grid currently publishes has been developed over time, in consultation with the industry, to meet the identified obligations and requirements at the time
- National Grid acknowledges that, due to the incremental nature of the developments, the information is not provided in the most concise and transparent way
- We support the desire for clearer information to participants, and where possible delivering that in a way that is analogous to that for electricity
- It is essential that any new presentation of information
  - Meets the market participants requirements for clarity
  - Is on an agreed basis with market participants
  - Is clear and unambiguous to all parties

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## What are National Grid doing?

- Given the need to achieve greater clarity, National Grid are:
  - Analysing what relevant information it is currently responsible for making available to the market, and assessing how this can be displayed in a more transparent way
  - Identifying a fit for purpose platform to deliver it
  - Carrying out a gap analysis between the above information and what would be needed to deliver information to the market fully analogous to that available for electricity
  - Identifying the technical, procedural and legal issues with achieving this

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## Investigations ongoing (1)...

- Reviewing all the existing information that is currently published
- Provision of a high level summary screen
  - Give participants a "feel" for the system status
- Better, more logical layout of information
- Re-presented and/or new information where possible
  - Supply and demand actuals, current day and forecasts
  - Storage monitor actuals, current day and forecasts
  - Development of a "NISM for gas"
- There are issues with data availability, access and confidentiality.
- Undertaking a gap analysis between the above versus the aspiration

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## Investigations ongoing (2)...

- Whatever the information and format identified, what is the best way to publish it?
- For this winter, how can we:
  - Link the information from existing publication sites
  - Maintain consistency and accuracy of data across National Grid sites
  - Deliver acceptable levels of performance and resilience to users for the expected level of hits and downloads
  - Provide adequate support
- Can we use existing architecture or do we need to insource / outsource new hardware and software?
- What is an efficient investment and strategic fit to wider requirements going forwards?

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### **Information to the gas market winter '05/'06**

- National Grid are committed to satisfying, so far as is reasonably practicable, stakeholders needs.
- A review of information, aspirations and deliverability is being undertaken as a high priority as a direct result of DSWG discussions.
- This will be available for consultation and agreement by 9th September.
- All existing information, supplemented by the winter outlook remains available.

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