

# Operational Forum - 6<sup>th</sup> June 2007

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## Market Information Provision Initiative

# Market Information Provision

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## Content of presentation:

- ◆ Evolution of current system (IE3)
- ◆ Current Presentation of Information
- ◆ Drivers for Change
- ◆ Market Information Provision Initiative (MIPI)
- ◆ MIPI presentation Concepts
- ◆ MIPI future communications

# IE3 Evolution – the story so far

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- ◆ Developed in 2000 to provide after the day reports via a web interface on a 9-5 working week basis
- ◆ Replaced manual creation and paper copy NCORM reports being issued via post to Shippers only.
- ◆ New reports including within day reports identified as part of DTI Information Initiative added 2003/4
  - ◆ inc NTSAFF, NTSAPF, NTSEOD etc
- ◆ Gradual addition of other reporting, particularly near to real time information
- ◆ Daily Summary Report introduced for winter 2005/6
- ◆ GMRS Real Time Flow Data introduced for winter 2006/7
- ◆ Most comprehensive public gas market information system in Europe - if not the world

# IE3 Current Presentation

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## Information provided in 2 ways :

### Daily Summary Report

- ◆ Provides a snapshot of prevailing data
- ◆ Provides Alarms, notes and messages
- ◆ Updated within-day as information becomes available
- ◆ Graphical history to give context
- ◆ Key point of entry for most users
- ◆ Key data not all available on the screen at the same time

### Reports in .PDF and .CSV formats (viewable and/or downloadable)

- ◆ Within-day
- ◆ Daily
- ◆ Weekly
- ◆ Monthly
- ◆ Inflexible from a user perspective (date ranges, report content etc)
- ◆ no automated interface
- ◆ Complicated reports with non-intuitive names and content

# Drivers for Change

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- ◆ Utilisation of IE3 increased 20 fold in the last 3 years
- ◆ High availability and timeliness of information publication to promote open market conditions through increased transparency of data to all industry participants:
  - ◆ Increasing future links to global markets and European supplies
  - ◆ Evolving market conditions and the dynamic nature of the market
- ◆ Shift in data use and requirements
  - ◆ Data volume required for market modelling
  - ◆ Offline analytical and user side decision making tools
- ◆ Limited extensibility for IE3 to accommodate additional functionality, including Regulatory changes (mod 97a, 104, 121, UNC 140 info review)

# MIPI

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Market Information Provision Initiative

**nationalgrid**

# MIPI07 Future

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## Presentation of Information

- ◆ Information provided data-centrally
- ◆ Highly resilient, stable platform
- ◆ Provides information in a user friendly way reflecting the GMRS approach:
  - ◆ Overview page provides:
    - ◆ Within day data
    - ◆ Update upon complete data set receipt
    - ◆ Added value and meaning to information
  - ◆ Explorer pages provide:
    - ◆ Access to any stored data
    - ◆ User choice of period range
    - ◆ Delivery as view, XML, API for data and reports

# MIPI07 Key Points for Future

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- ◆ Effective
  - ◆ Clean, uncluttered approach for operational data Users
  - ◆ User friendly and Intuitive
  - ◆ Provide various ways to access the information to maximise benefits for widest range of users
- ◆ Forward Looking
  - ◆ More data, in less time
  - ◆ Extensibility for regulatory and market change
- ◆ Transitional Change
  - ◆ Current report based functionality retained within MIPI.

# Presentation Concepts

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Three Tier

# Presentation Concepts

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- ◆ Tier 1 – Overview Page
  - ◆ Provides a holistic view of the system with Key Data updated on or relating to the current Gas Day.
- ◆ Tier 2 – Data Item Explorer
  - ◆ Provides a facility for the user to select data items and date range to view, and / or download in XML or CSV format
- ◆ Tier 3 – Report Explorer
  - ◆ Provides a facility to view and or download a series of predefined Data Items in XML or CSV format
    - ◆ that have been identified as a set of Data Points that users commonly retrieve.
    - ◆ that are obligated within code to be provided within a single report (currently NCORM)
    - ◆ A series of Data Points that logically provide a holistic view of an issue or field of interest

# MIPI future communications

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Planned communications for MIPI include:

- ◆ Regional Seminars (July / August)
- ◆ API specific seminar (August)
- ◆ Web News (August)
- ◆ API Documentation (August)
- ◆ Trade journalist seminar (August / September)
- ◆ Industry Groups presentations (September)
- ◆ Go-Live October