

Storage Monitors - Winter 2007 / 2008

Update for Ops Forum October 2007

Background

- ◆ Storage Monitors were introduced in 2004 replacing the 1996 'Top Up' regime
- ◆ Monitors are calculated from assumptions of daily supply and demand potential
 - ◆ 1 in 50 load duration curve
 - ◆ potential maximum 'baseload' supplies
 - ◆ storage stocks / daily deliverability
- ◆ Assumptions of supply & demand are made using 'winter consultation' outputs, then validated and reassessed throughout the course of the winter...
 - ... requirements for winter 07/8 published 27th September*
 -updates monthly to this forum and the [daily report]*

Types of monitor

- ◆ Two Monitors exist:
- ◆ Mandatory:
 - ◆ Safety monitors define the level of storage that must be reserved for a 1 in 50 winter to maintain safe control of operations
 - ◆ Those consumers who can't be safely and timely isolated from the relevant transporters network -'protected by isolation'
- ◆ Optional:
 - ◆ Firm gas monitors represent the storage levels required to support all firm demand
 - ◆ All firm consumers for whom transportation capacity is physically available.

Safety Monitors

- ◆ Public safety not security of supply.
- ◆ Ensure transporters (NTS & DNs) can maintain safe control of operations by limiting 1 in 50 demands to the supply envisaged to be available
- ◆ Monitors are detailed in Safety Cases and agreed with HSE
- ◆ The Monitor regime was reviewed through UNC review groups during 2006 – no change

1 in 50 Load Duration

- ◆ Firm + Interruptible (insufficient transportation capacity)
- ◆ Firm (optional)
- ◆ Protected by monitor (mandatory)

1 in 50 Load Duration V's supply

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- ◆ Firm (optional)
- ◆ Protected by monitor (mandatory)
- ◆ + supply build up
 - ◆ UKCS
 - ◆ Norway
 - ◆ IUK
 - ◆ BBL
 - ◆ LNG inports
 - ◆ Less supply risk
- ◆ + storage capacity assumptions

1 in 50 Load Duration V's supply = monitor

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Monitor Trigger

- ◆ Storage stocks checked daily against monitor levels.
- ◆ GBA supplies adjusted for 'available' storage
- ◆ Process for controlling []

- ◆ Long:
- ◆ Medium :
- ◆ Short:

Further information

*'Safety Monitor and Firm Gas Monitor Requirements
– September 2007'*

...can be found at

<http://www.nationalgrid.com/uk/Gas/Data/News/>

... update monthly at forum & daily on [DSR]