

## Safety Monitor Update

2 December 2010

### Summary

National Grid has undertaken its monthly review of Non Storage Supply (NSS) assumptions up to the end of November, which has led to an increase in the underlying NSS number from 367mcm to 372mcm.

This results in a small reduction in the Space Safety Monitor and Deliverability Safety Monitor, as shown below in Table 1.

**Table 1 – Revised Safety Monitor requirements**

	<b>Assumed total storage space (GWh)</b>	<b>Space Safety Monitor (GWh)</b>	<b>Space requirement (%)</b>	<b>Deliverability Safety Monitor (GWh/d)</b>
1 October 2010	48181	1164	2.4%	702
<b>2 December 2010</b>	<b>48181</b>	<b>948</b>	<b>2.0%</b>	<b>649</b>

The anticipated availability of storage in winter 2010/11 has not changed.

The demand assumptions have not changed. The basis for the calculation of the Safety Monitor levels remains our 2010 demand forecasts for 2010/11, using a severe (1 in 50 cold) load duration curve.

### Stored Firm Gas Requirement

The Firm Gas Monitors have also been revised. The Firm Gas Monitors represent the storage levels required to support all firm demand in a severe (1 in 50 cold) winter. They are published for information only. Note that they are calculated using the same supply demand assumptions as used for calculating the Safety Monitor.

**Table 2 – Firm Monitor Space Analysis**

	<b>Assumed total storage space (GWh)</b>	<b>Firm Space (GWh)</b>	<b>Firm Space (%)</b>
1 October 2010	48181	18069	37.5%
<b>2 December 2010</b>	<b>48181</b>	<b>15480</b>	<b>32.1%</b>

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### Storage Firm Deliverability Requirement

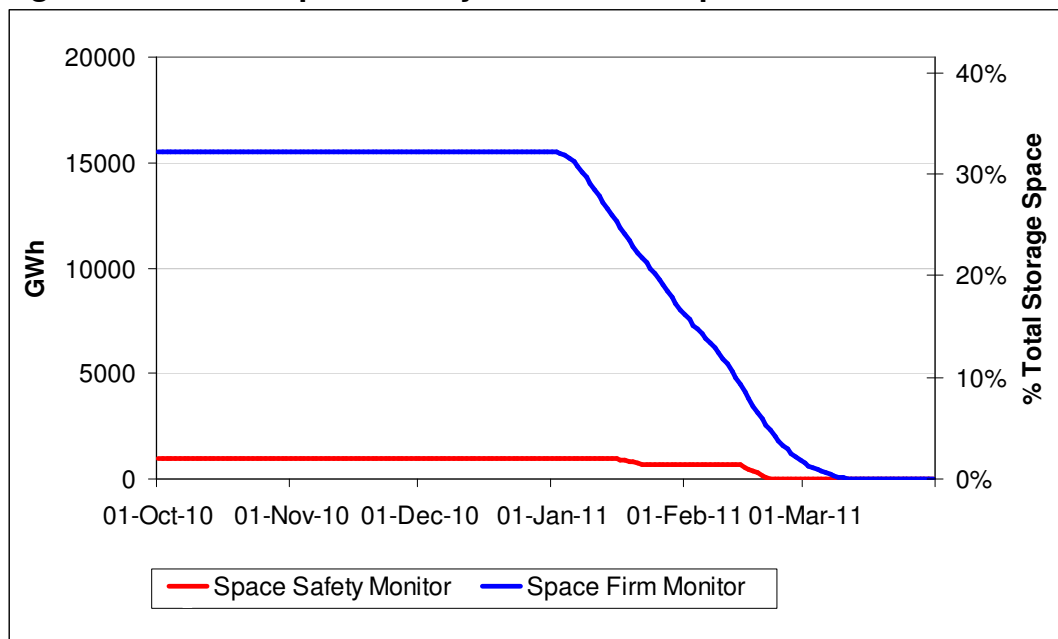
**Table 3 – Peak Firm Demand<sup>1</sup> and Peak Day Supply**

<b>Firm Demand</b>	<b>1 October 2010 (GWh/d)</b>	<b>2 December 2010 (GWh/d)</b>
Diversified 1 in 20 Cold Peak Day (A)	4782	4782
<b>Peak Supplies</b>		
Non-storage supplies	3839	3887
Storage	1188	1188
Total Supplies (B)	5027	5075
<b>Supply Surplus (B) – (A)</b>	<b>245</b>	<b>293</b>

### Monitor Profiles

Figure 1 show the space profiles for the Safety Monitor and Firm Gas Monitor whilst Figure 2 shows the deliverability profile for the Safety Monitor.

**Figure 1: Revised Space Safety Monitor and Space Firm Monitor Profiles**



<sup>1</sup> Diversified firm demand for a 1 in 20 cold peak day

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**Figure 2: Revised Deliverability Safety Monitor profile**

