

# Operational Performance

**April 2005**

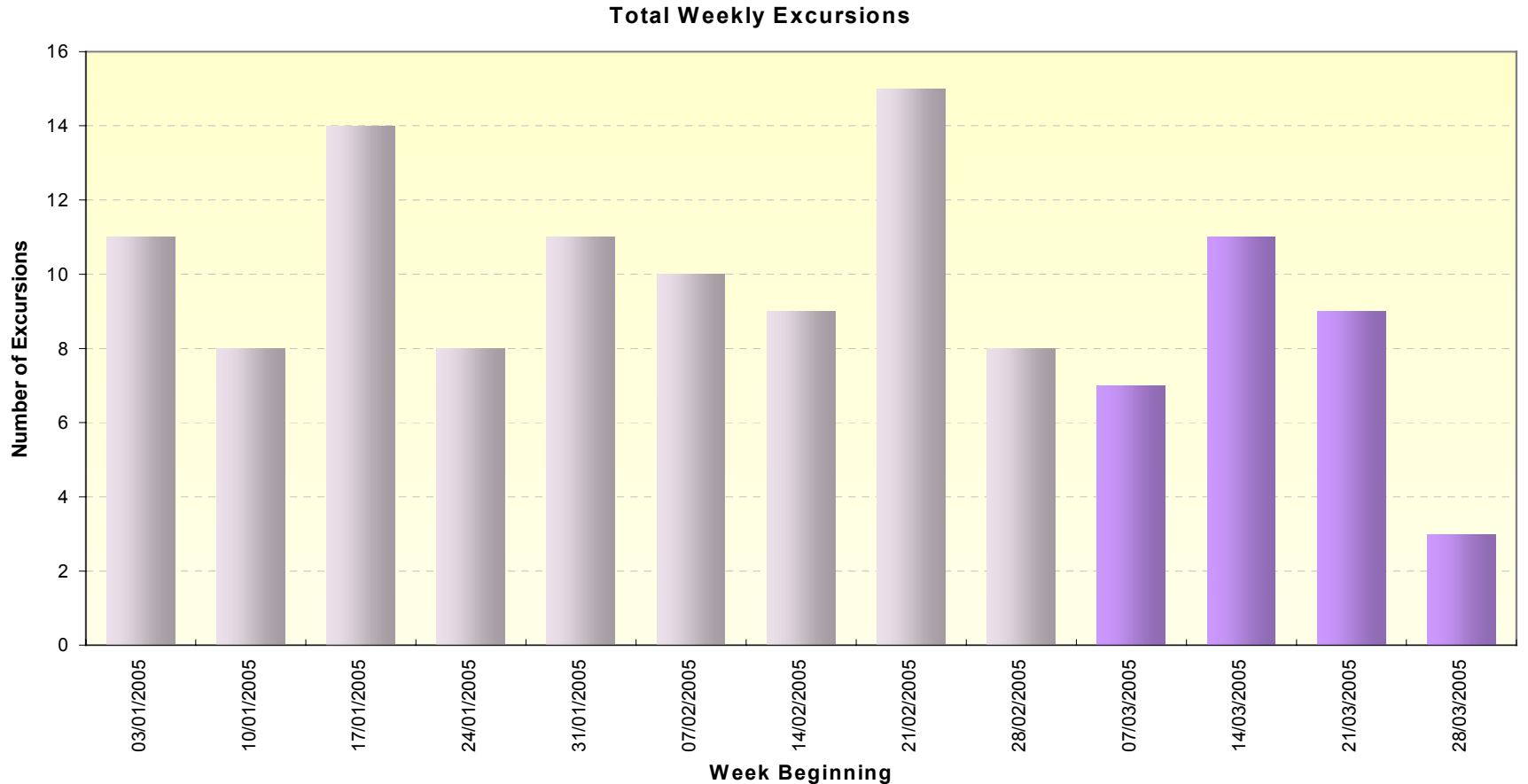
Richard Price

Operations and Trading

# Agenda

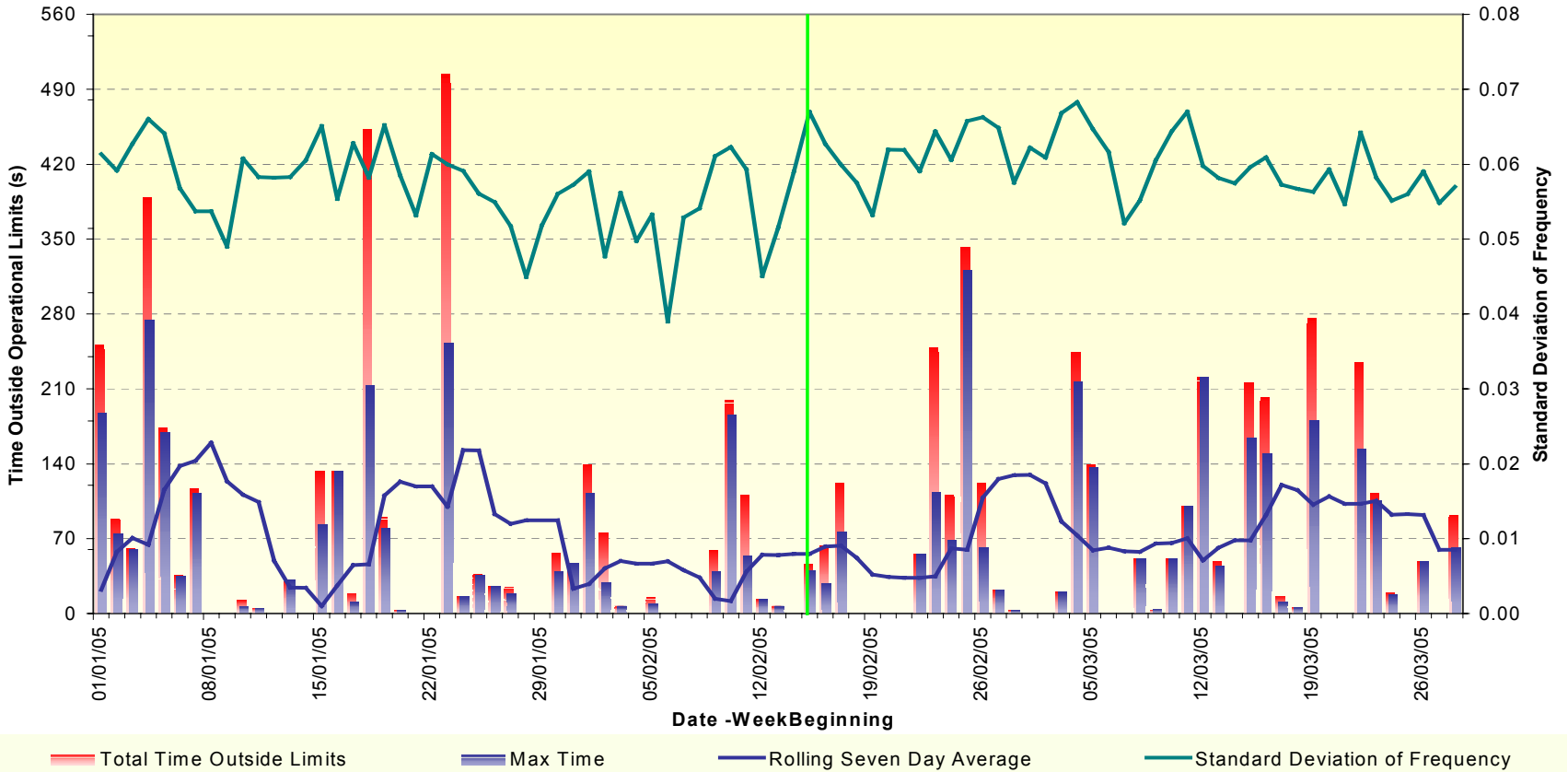
- Frequency Performance
- Other Operational Performance
- Generator Performance
- February cold snap
- BETTA go-live
- Funeral of Pope John Paul II
- Coronation Street - Ken & Deirdre's wedding
- Royal Wedding / Grand National
- Helpdesk

# Frequency Performance Weekly Excursions



# Daily Frequency Performance

Daily Frequency Performance (00:00-23:59:59 hrs)



# Other Operational Performance

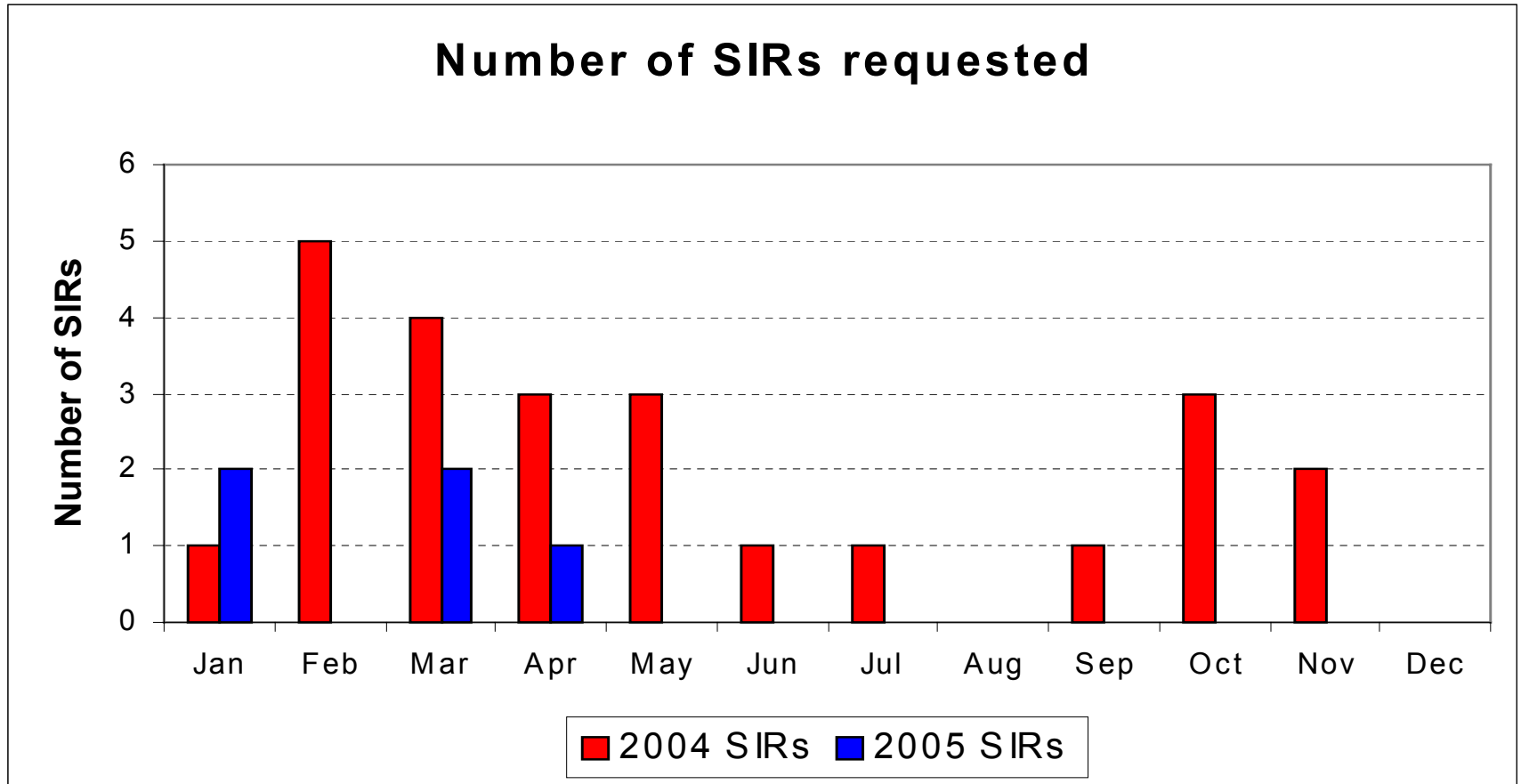
- CCL following performance generally good since last forum.
- 3 SIRs since last Forum. None in February, two in March, one in April so far. Two related to data submission issues, one to user error.
- 3 PGBTs agreed since last Forum - 25, 26 Feb and 3 Mar.
- 4 System Warnings issued over the winter period. Two in February: 8 and 28 Feb and two in March: 3 and 7 Mar . Previous one to these was 14 Oct 2004.
- “Pre-NISM” message posted on the BMRS on Fri 4 Mar

# “Pre-NISM” 4 March

- On Friday 4 March, potential margin issues were identified for the following Monday 7 March.
- There was significant uncertainty over potential exports across the French link, reliability of two-shifted plant returning in the morning, and the level of plant running on distillate.
- A shortfall of 1400MW was predicted, and if this did not improve over the weekend, a NISM would need to be issued for the Monday.
- It was considered prudent to alert the market ahead of the weekend because NISMs are normally only issued at the day-ahead timescale.
- A message was therefore posted on the BMRS to highlight the above margin issues. Similar message also posted on 1 Oct 04 for similar reasons.
- On the Sunday at 14:30, a NISM was issued forecasting a 1700MW shortfall, but by late Sun evening the situation had improved substantially and the NISM was cancelled at 23:00.

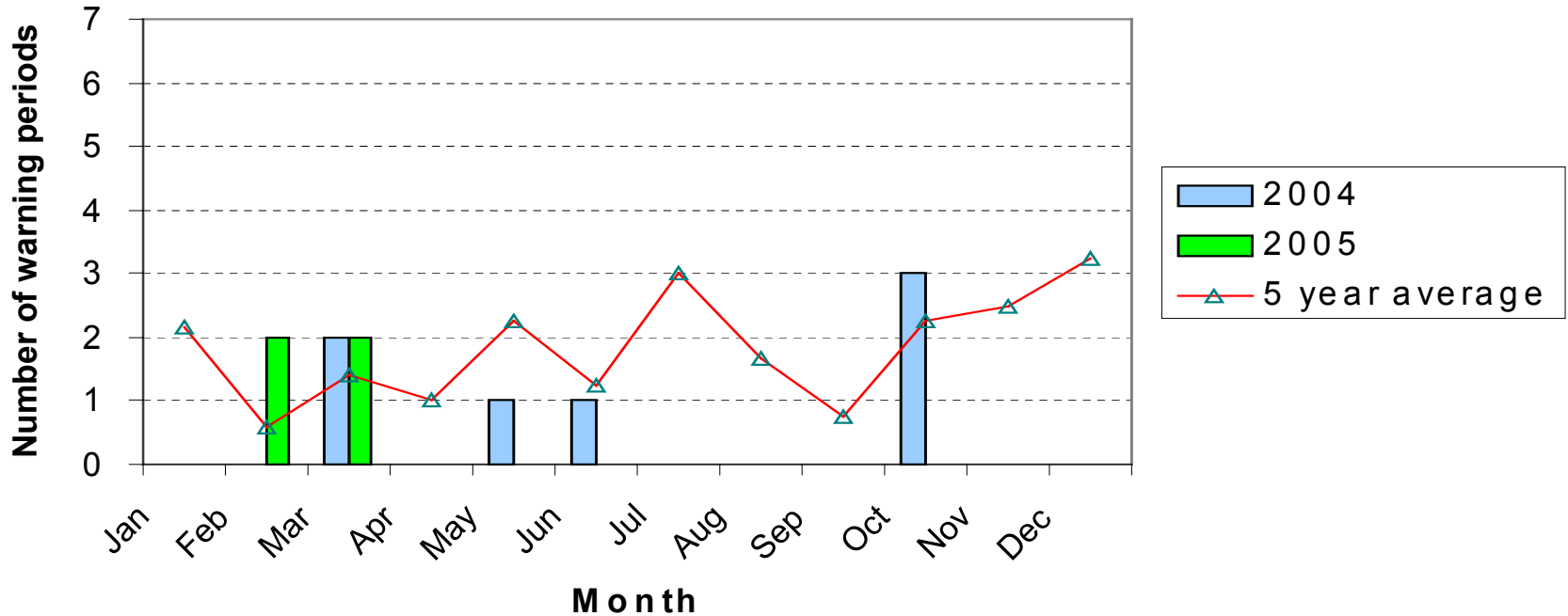
# Generator Performance (1)

## SIR performance



# System Warnings

NGC System Warnings - Inadequate System Margin or High Risk of Demand Reduction



# Cold snap - Friday 25 February

- Cold weather and snow impact on demand levels.
- In addition, 2.7GW of plant loss from Thursday night to Friday morning.
- Market short for most of the day.
- Record average weekly SBP and SSP at the time (£58.77 & £38.76).
- OCGTs were run overnight to cover losses (~£500k).
- PGBT agreed with Connah's Quay for £152k for DP.
- Additional margin secured via a combination of advanced syncs at Peterborough, Rye House, Fawley, and additional units at Coryton & Connah's Quay. Also delayed desyncs of Deeside, Seabank 2 and Brigg.

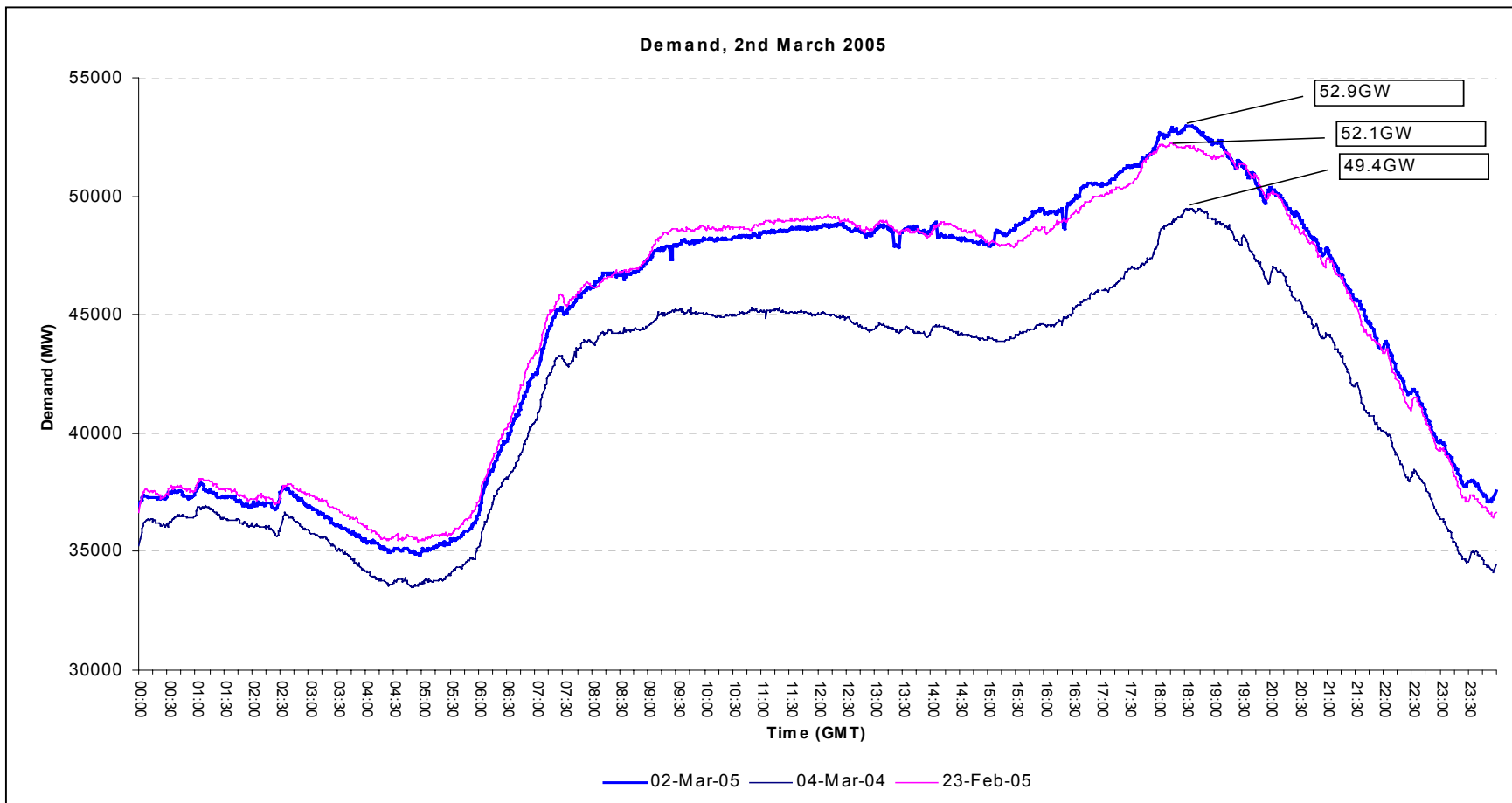
# Wednesday 2 March

- Contrast with previous week - colder weather and no triad avoidance demand management now into March, so demands noticeably higher.
- Demands up to 52GW (compared with ~49GW in early March 2004)
- Exceptional BM costs exceeding £2m.
- Market short most of the day - NIV peaked at 1.4GW short for 3B and 1.2GW short over DP.
- With the market outturning this short, expensive actions were required and System Buy Price reached £219/MWh in period 37.

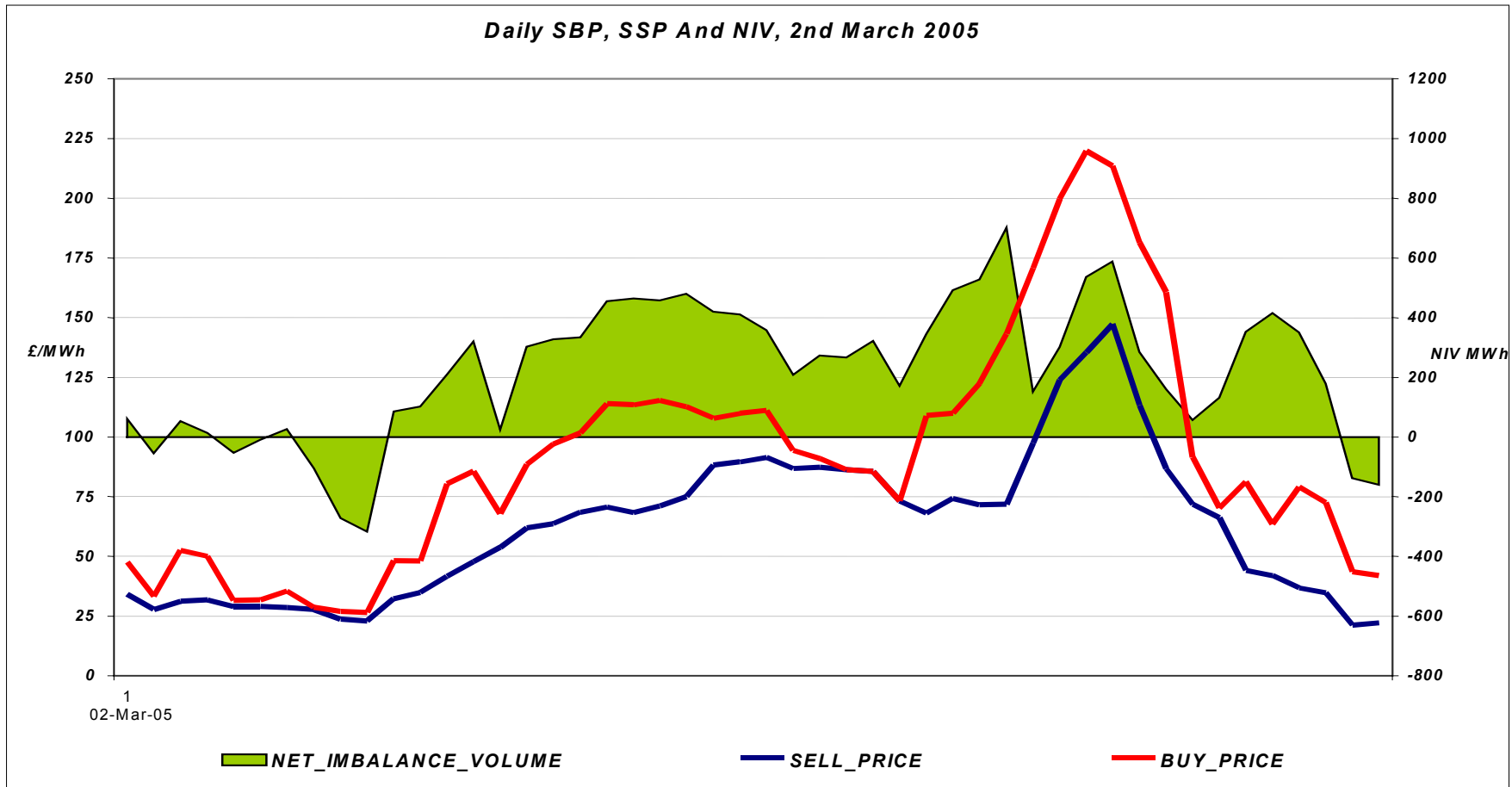
# Specific actions required on 2 March

- SEAB-1 – Advanced sync. for 2A/B margin and run through to a PN over the DP. Also delayed desync. Post DP for margin
- EGGPS-3 – Warmed and run for DP margin
- DIDC1 – Warmed and run for DP margin
- SEAB-2 - Advance Sync for 2A/B margin. Run through to PN over DP
- PETEM1 - Advance Sync for 2A/B margin. Run through to PN over DP
- LITTD2 – Warmed and run for DP Margin.

# Demand curve for 2 March

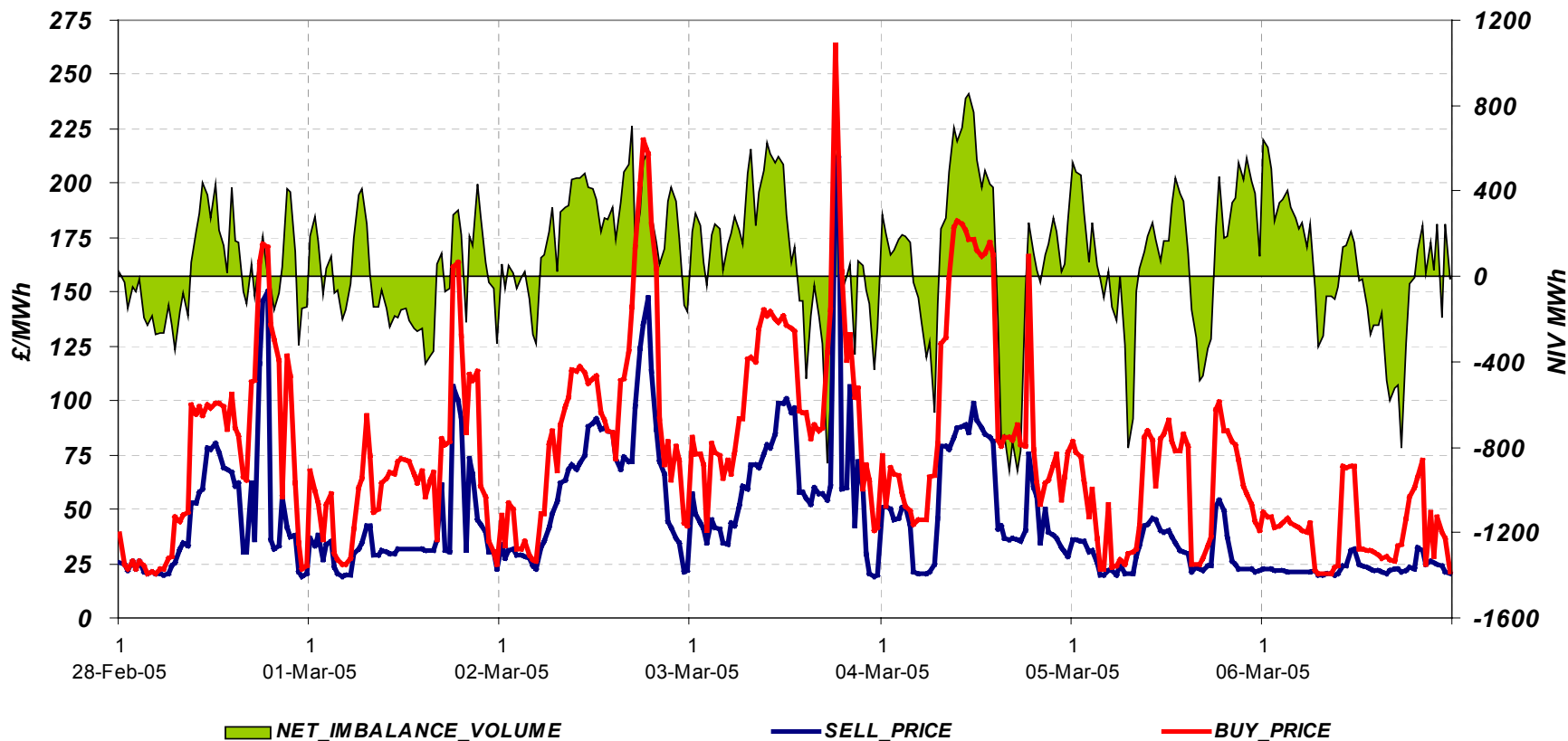


# SBP, SSP and NIV - 2 March 2005



# Prices and Imbalance for the week

*Week SBP, SSP And NIV Financial Week 49*

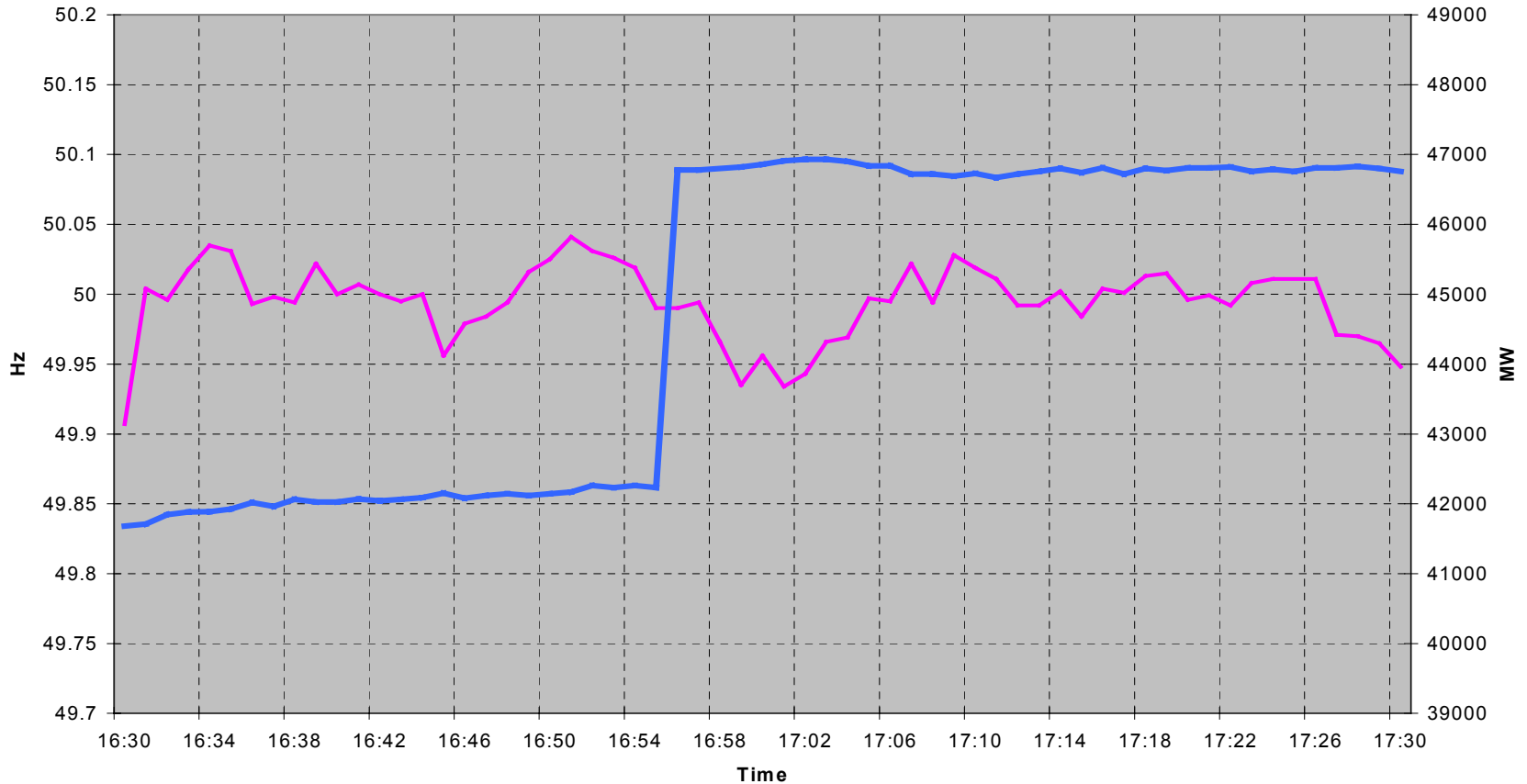


# BETTA go-live

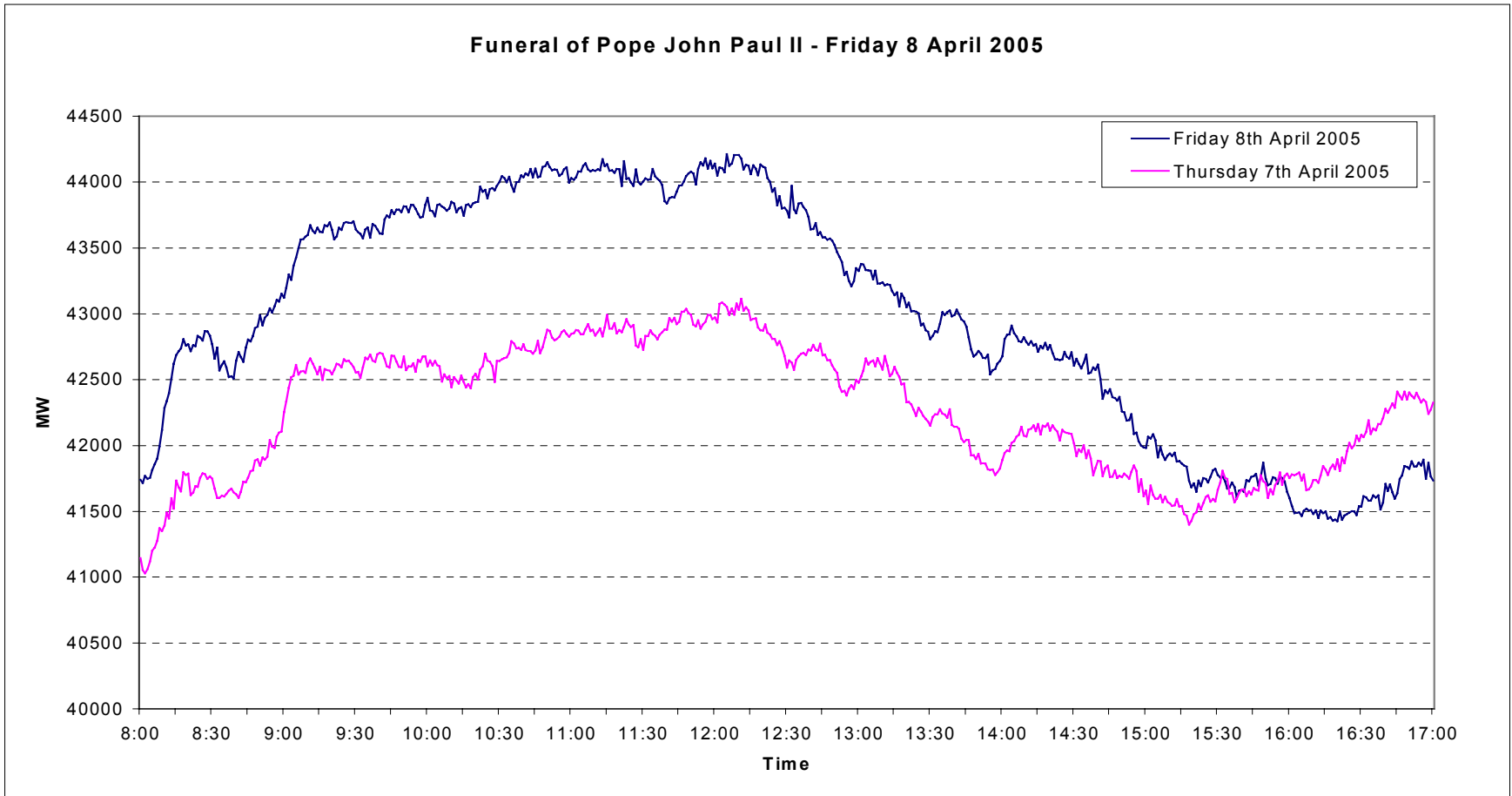
- The pre-BETTA IT outage went ahead as planned from 15:10-16:56
- BETTA went live at 00:00 on Friday 1 April 2005. The first gate closure was at 23:00.
- First Scottish BOA issued at 23:41 to Longannet Unit 1 to commence at 00:30hrs.
- The transition went ahead seamlessly as predicted by Dave Coan at February Op Forum!
- Thanks for all your efforts in helping to make this transition to the new BETTA world a smooth one.

# Cutover of IS systems to GB demand

## Fri 31 March 2005 16:56

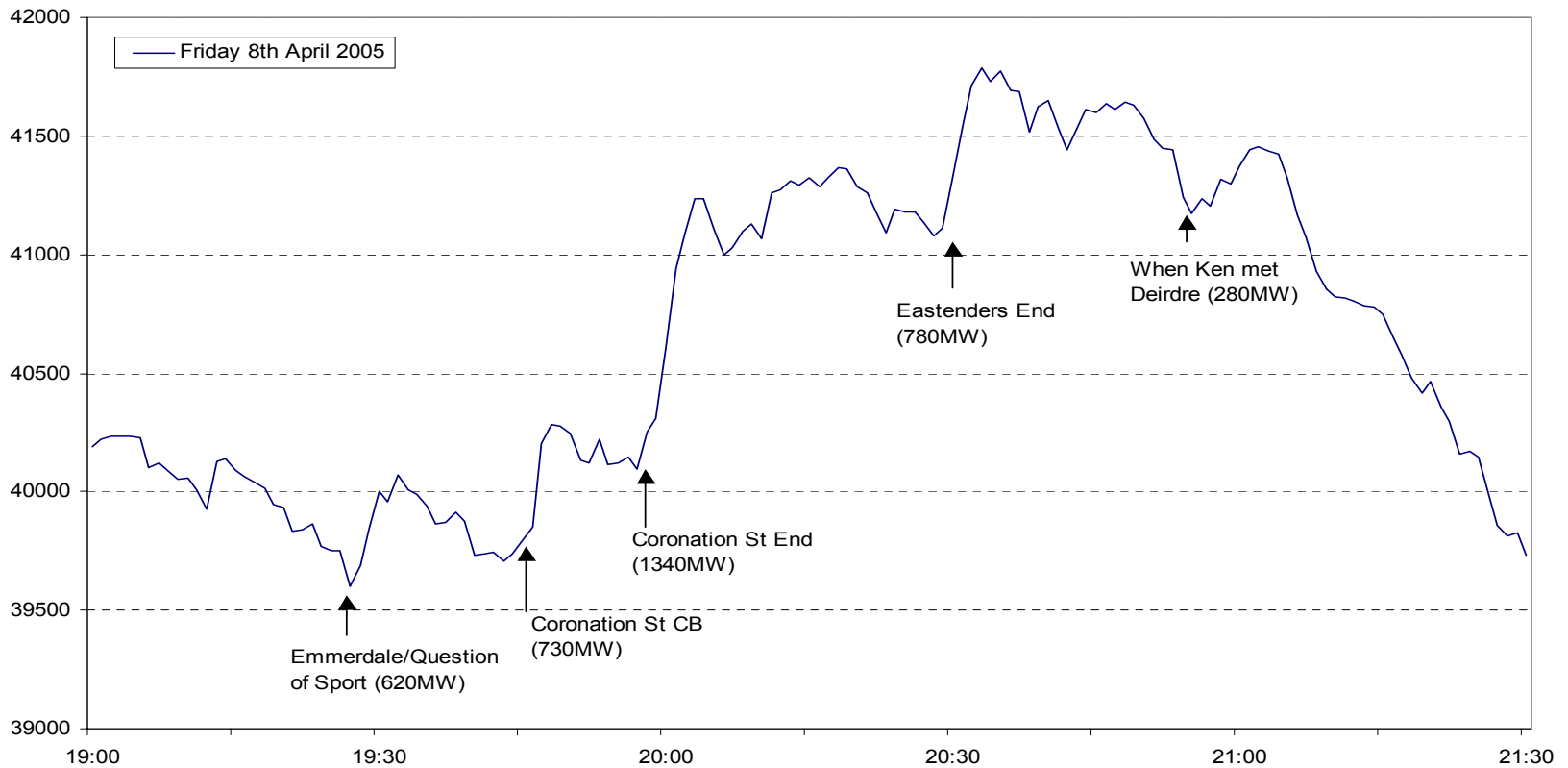


# Funeral of Pope John Paul II - Friday 8 April



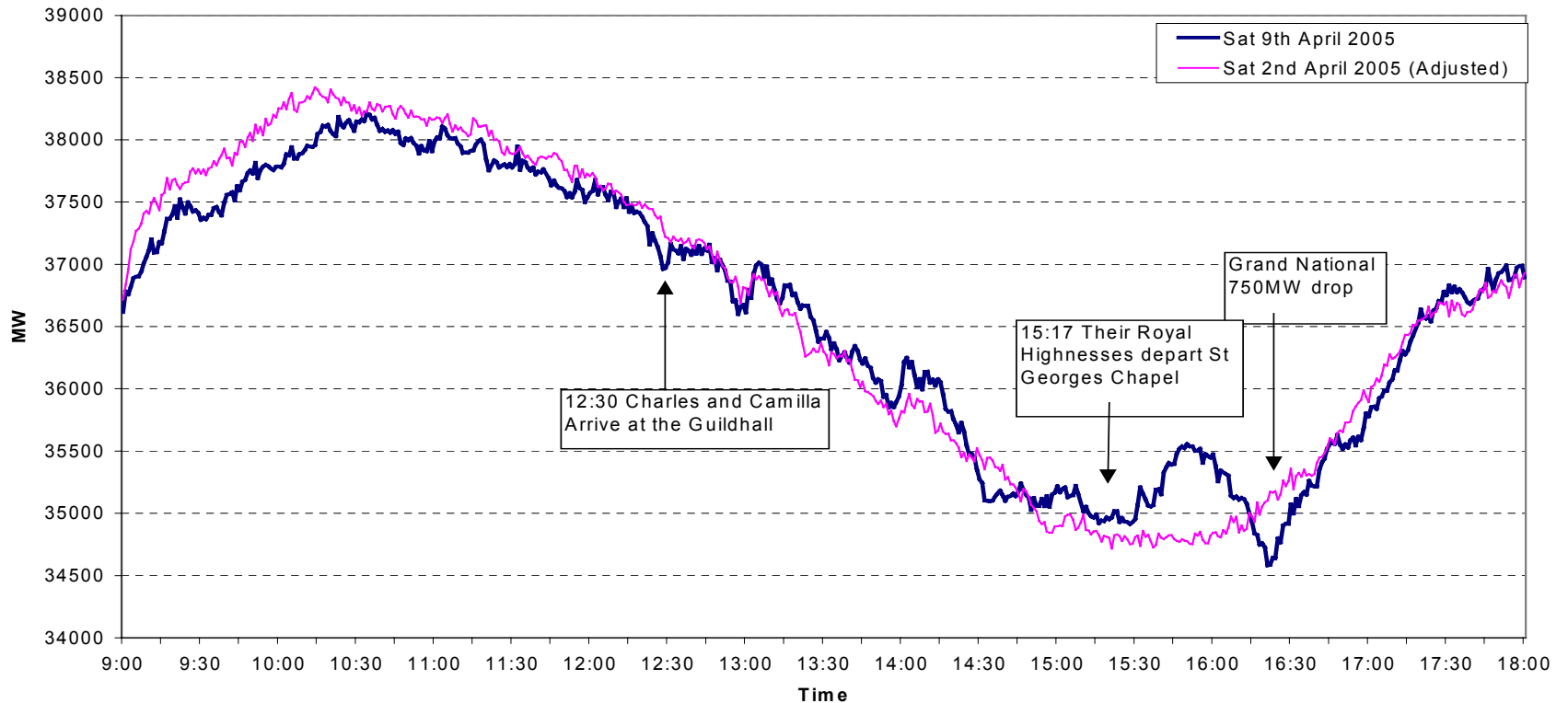
# Coronation Street - Friday 8 April 2005

Coronation Street Friday 8th April 2005 - The 'other' wedding



# Royal Wedding and Grand National Saturday 9 April 2005

Royal Wedding and Grand National - Saturday 9 April 2005



# New helpdesk email address

- There is a new email address for our helpdesk:

**[isservicecentre@ngtuk.com](mailto:isservicecentre@ngtuk.com)**

- The phone number is still:

**0800 085 4806**

- For more details see our Industry Information home page:

**<http://www.nationalgridinfo.co.uk/>**