

# Operational and SO Cost Update

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Network Operations

# Agenda

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- Operational Issues
- System Operator cost update

# Operational Issues

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# Operational Performance Summary

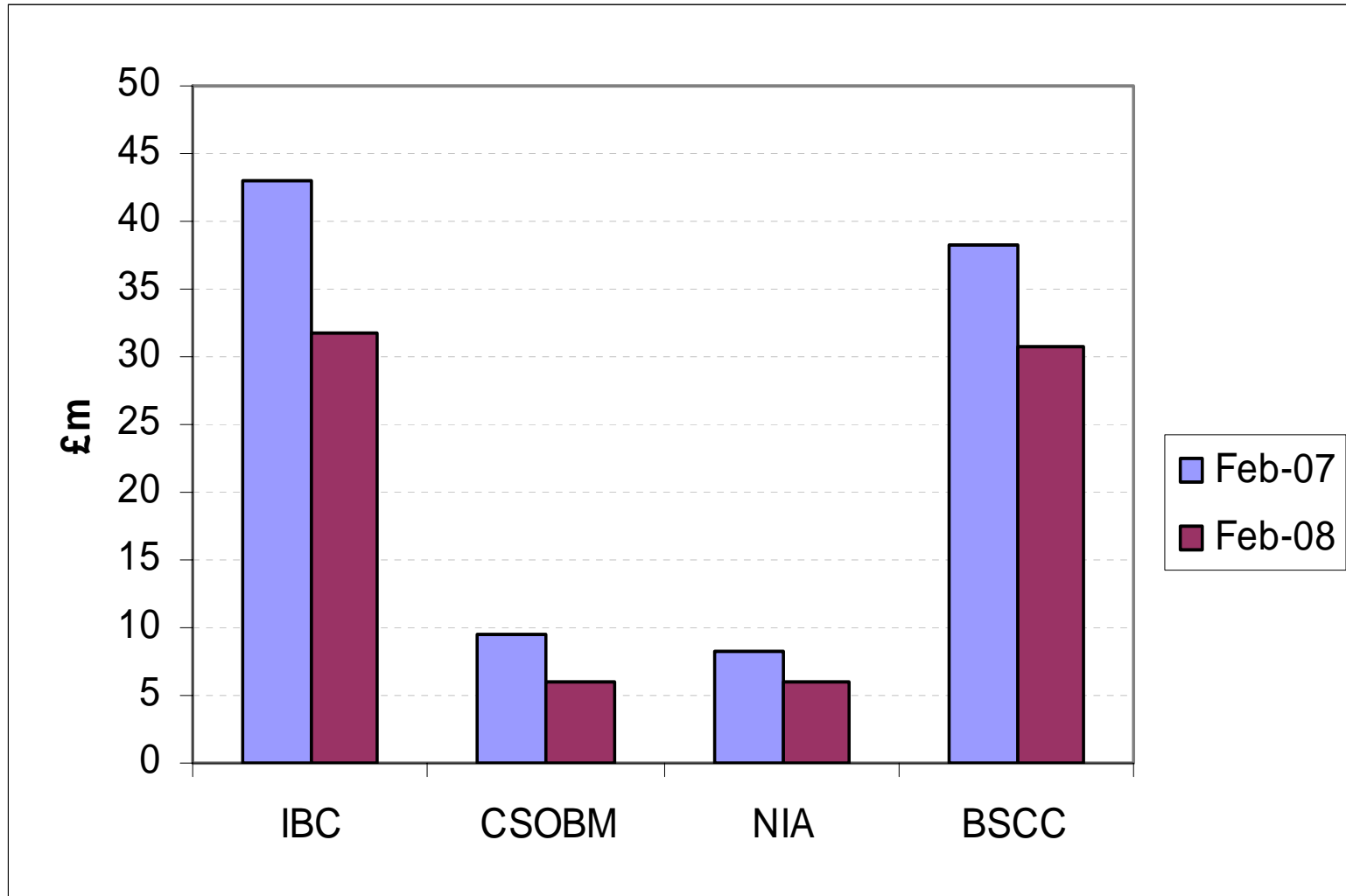
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- ◆ No significant operational issues encountered
- ◆ 1 NISM issued following loss of ~ 2GW close to demand peak; NISM cancelled with return of plant
- ◆ No SIRs issued
- ◆ No frequency deviations outside of statutory limits

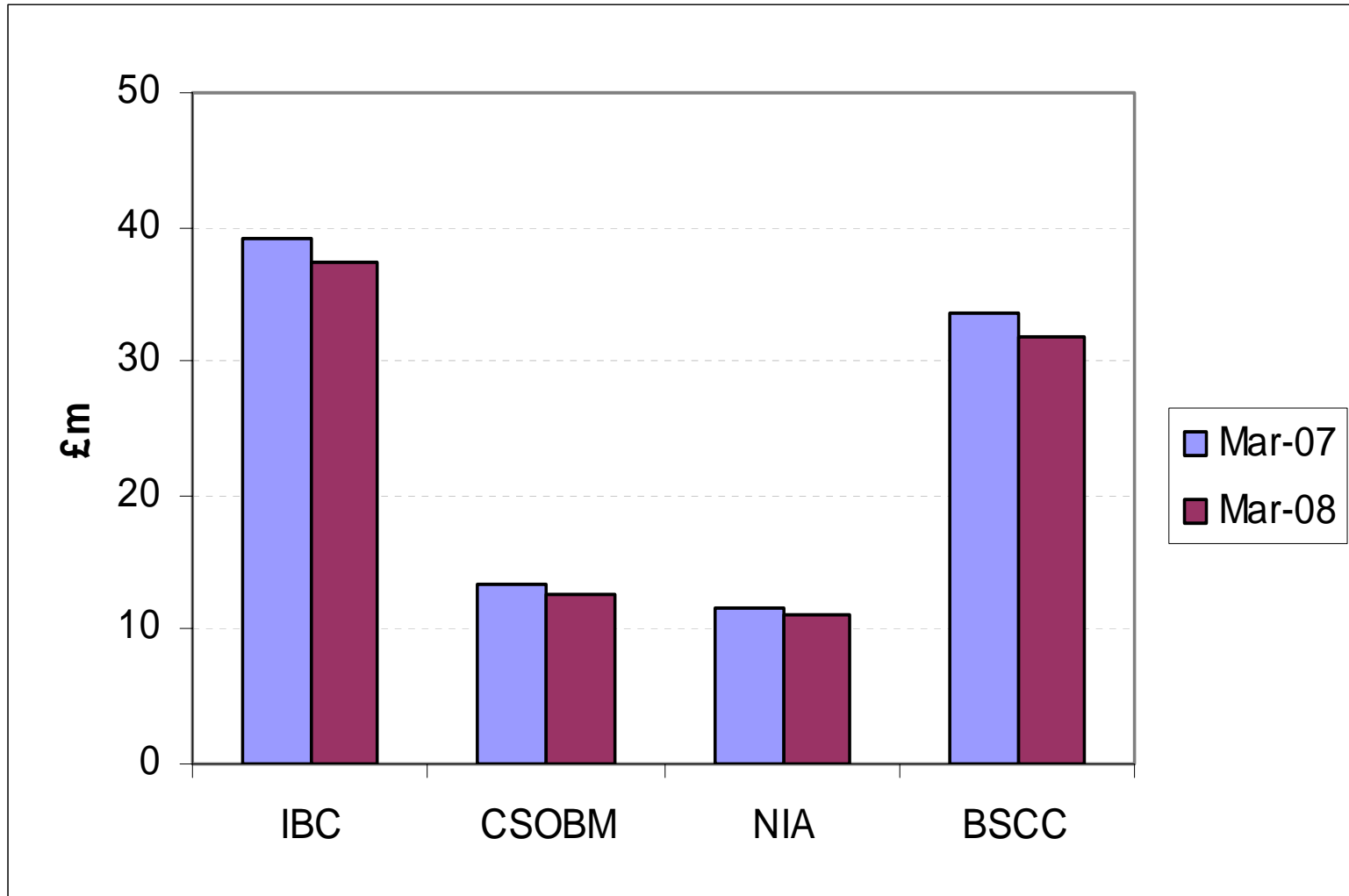
# SO Cost Update

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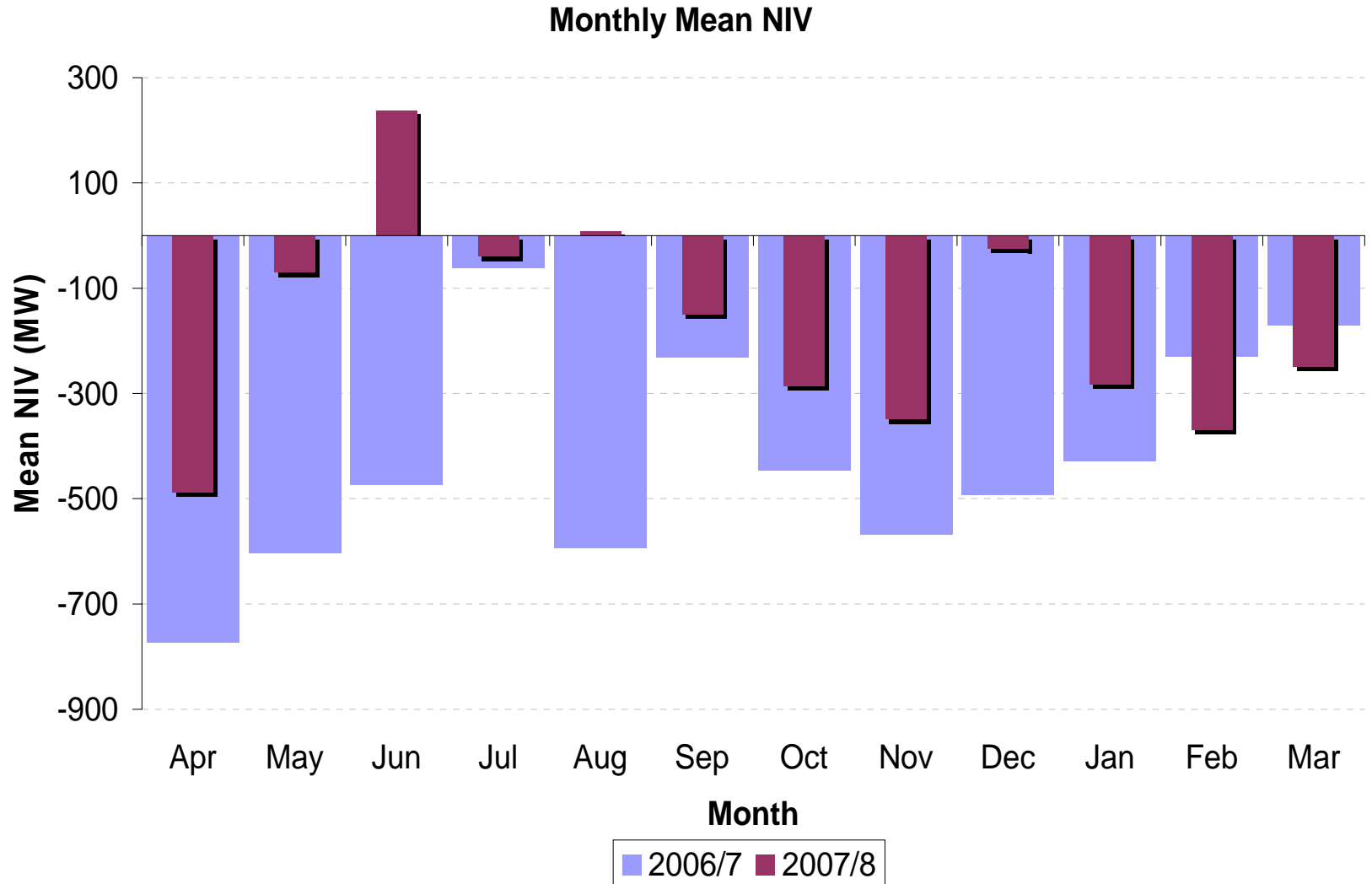
# IBC component comparison – February 2007 vs 2008



# IBC component comparison - March 2007 vs 2008



# Market Length, 2006/7 vs 2007/8



# February Summary

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- ◆ February 2008 substantially less expensive than 2007
- ◆ Net of CSOBM and NIA in 2008 similar to 2007
  - ◆ Market's longer on average compared to February 2007
  - ◆ Margin costs some £4m up compared to February 2007
- ◆ Majority of savings in BSCC
  - ◆ Constraints some £5m lower in 2008 compared to 2007

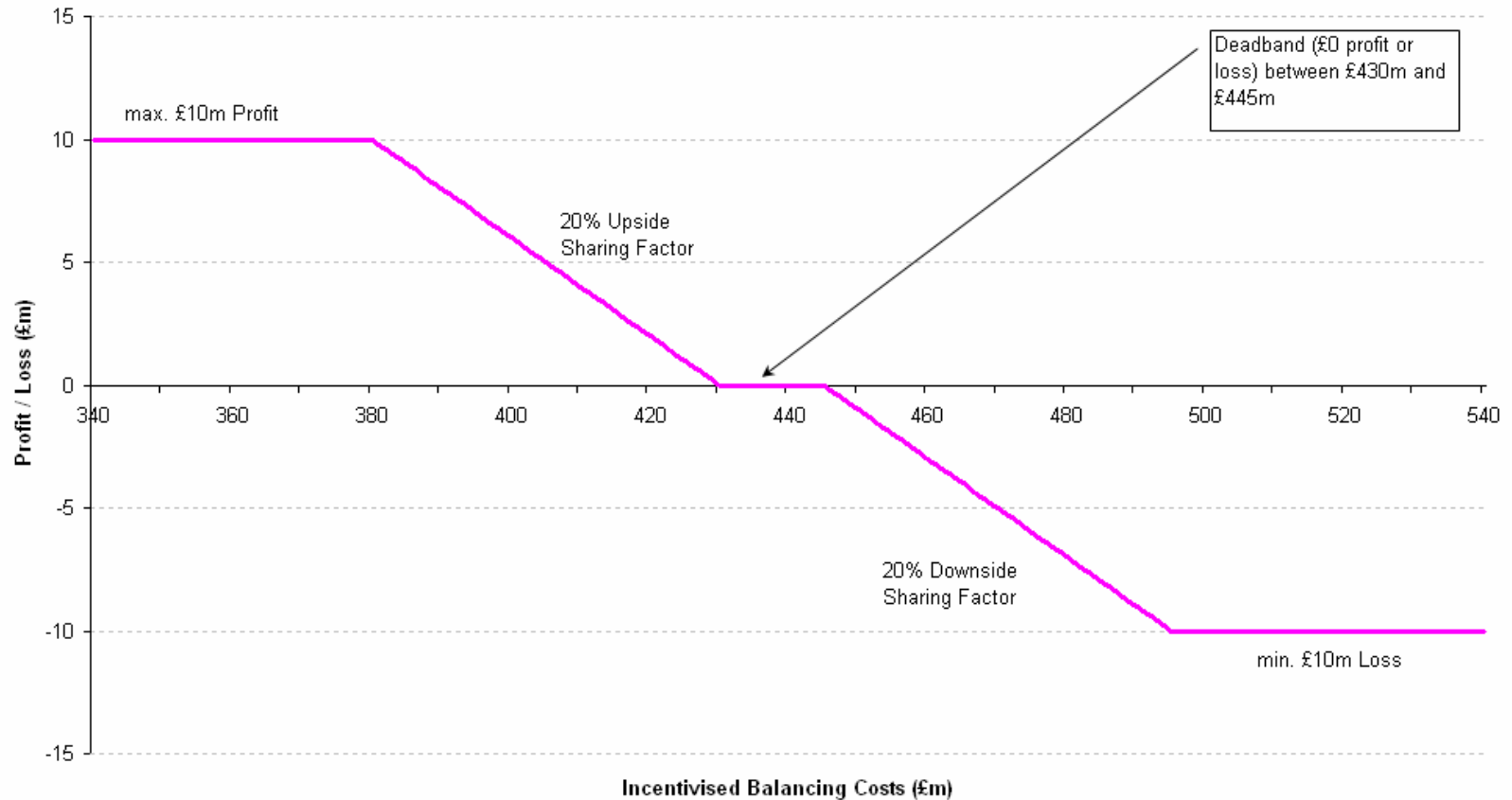
# March Summary

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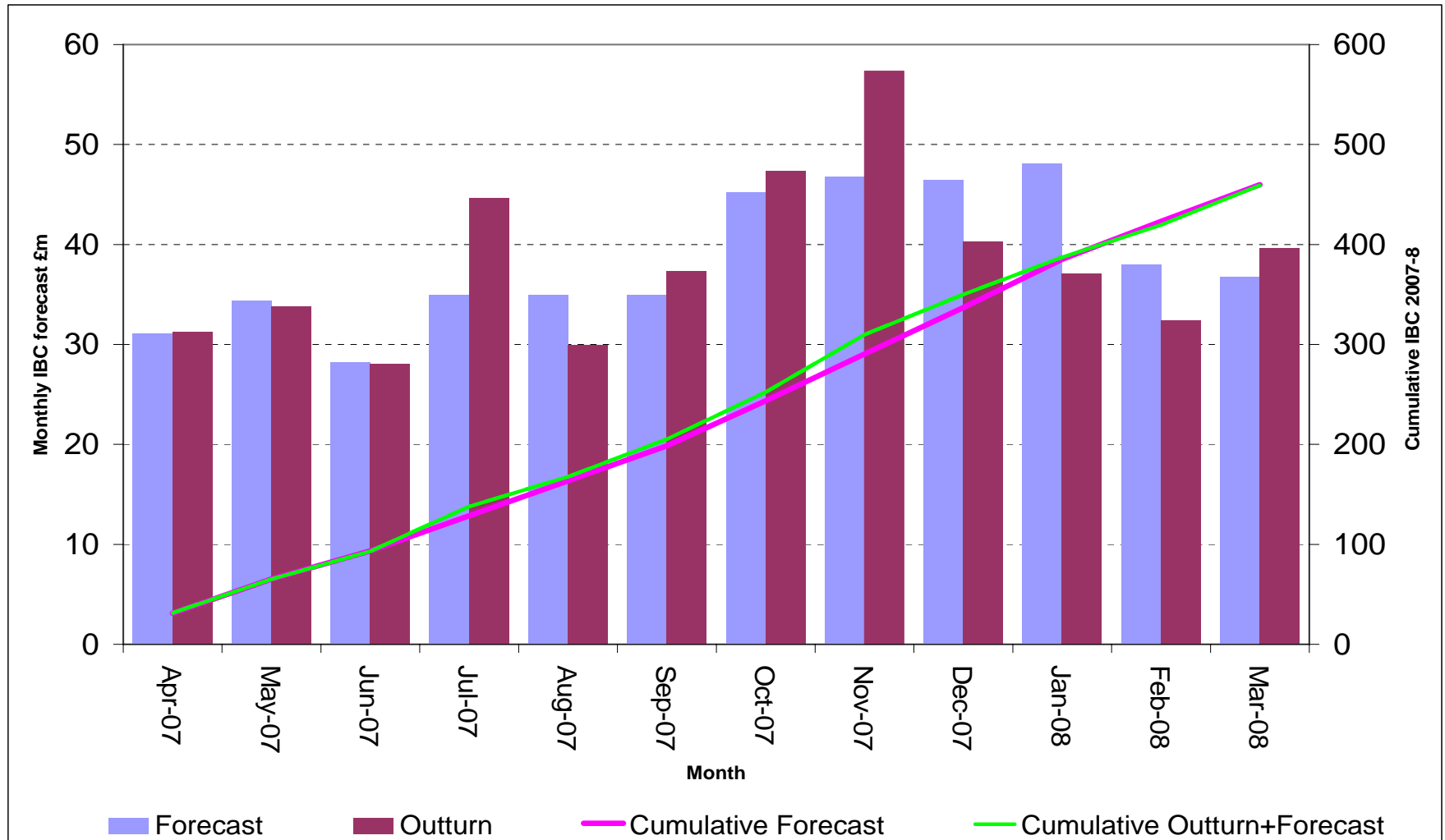
- ◆ Longer markets in March 2008, on average, compared to 2007
  - ◆ Specific combination of short & long markets experienced across the month along with higher wholesale prices has resulted in a similar NIA total in both years
- ◆ Margin costs some £5m up, but net energy balancing costs £4m down
- ◆ Overall IBC within £2m year on year based on latest data

# 2007/8 BSIS Parameters

2007/8 Balancing Services Incentive Scheme



# Monthly IBC 2007/8 forecasts and outturn

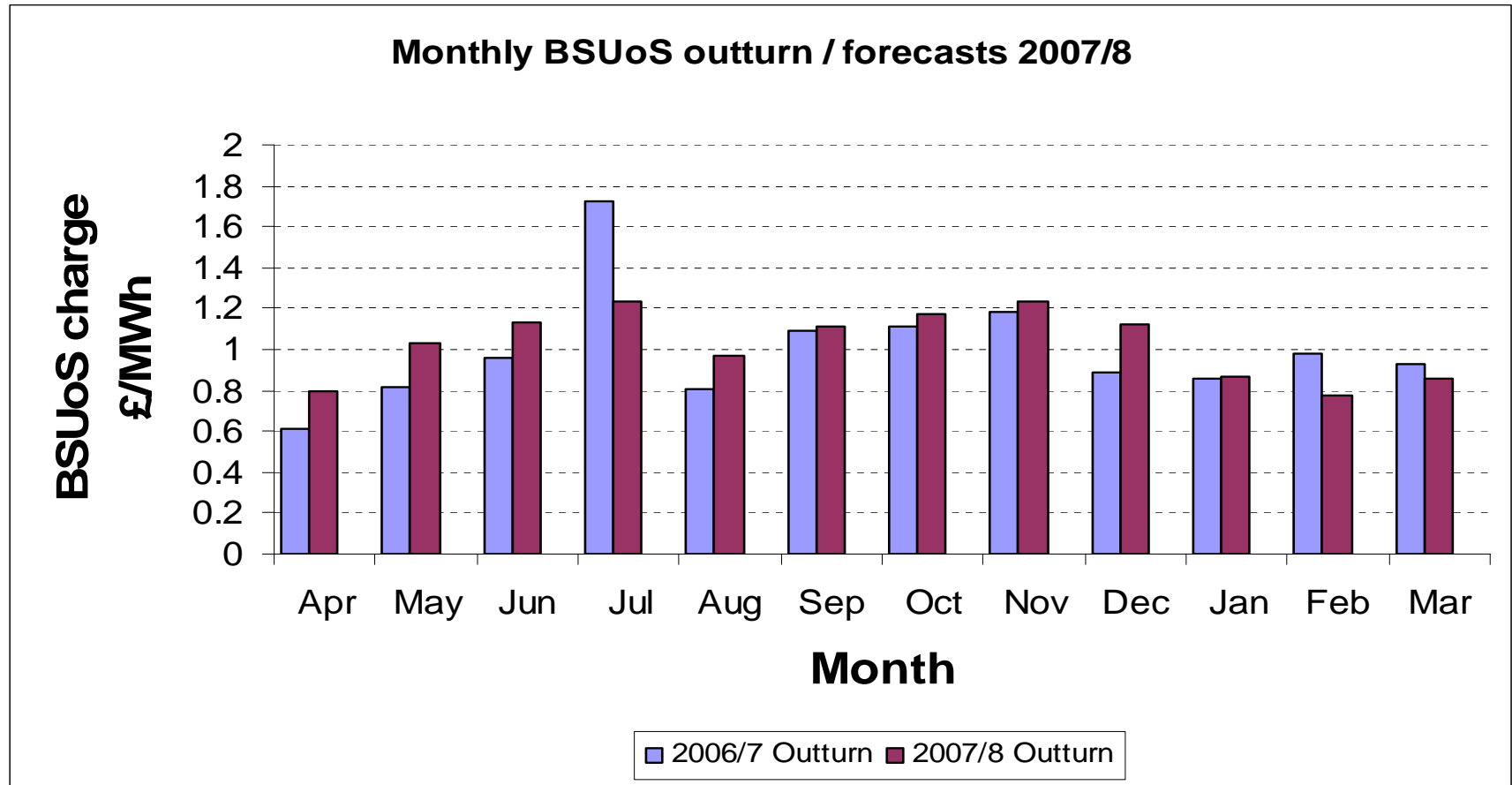


# Forecast Performance 2007/8

All Categories £m	2006-7 Outturn	2007/8						
		March Forecast	Changes Mar-Sep	Sep Forecast	Changes Sep-Dec	Dec Forecast	Changes Mar-Sep	Latest View
Net Energy	-92	-86	-13	-99	-8	-107	-2	-109
Margin + STOR	152	157	12	169	18	187	-6	181
NetEng + Margin	60	71	-1	70	10	81	-8	72
Constraints	108	82	-2	81	9	90	-14	76
Fast Reserve	58	53	4	57	1	57	0	58
Response	161	155	-10	145	5	150	7	156
Reactive	53	41	3	44	6	50	-2	48
TLA	9	0	26	26	-4	22	-11	11
Others	47	38	-4	34	-3	31	3	34
<b>Total</b>	<b>495</b>	<b>440</b>	<b>17</b>	<b>456</b>	<b>24</b>	<b>480</b>	<b>-25</b>	<b>455</b>

# Monthly BSUoS outturn / forecasts 2007/8

- ◆ Current BSUoS charge forecast higher than 2006/7 at £1.02/MWh
- ◆ Has fallen since last forum due to lower outturns in February and March



# Grid Code Change

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- ◆ Grid Code Consultation G/06 (Power Park Modules and Synchronous Generating Units) implemented on 1<sup>st</sup> April 2008
- ◆ Proposals have introduced significant changes to the data requirements for PPMs' Week 24 submissions
  - ◆ New provisions will affect this year's data submissions
  - ◆ Guidance Notes on Submission of Grid Code Data will be amended and available on the Grid Code website shortly
- ◆ Proposals have also codified generic performance specifications for Synchronous Generating Units and PPMs which are currently defined in the Bilateral Agreement
  - ◆ Applicable for new connections and/or modifications with a completion date of or after 1<sup>st</sup> January 2009
- ◆ Full details of the changes available on the Grid Code website
- ◆ Any queries should be directed to your Customer Account Manager