Tagging (System vs Energy Actions)

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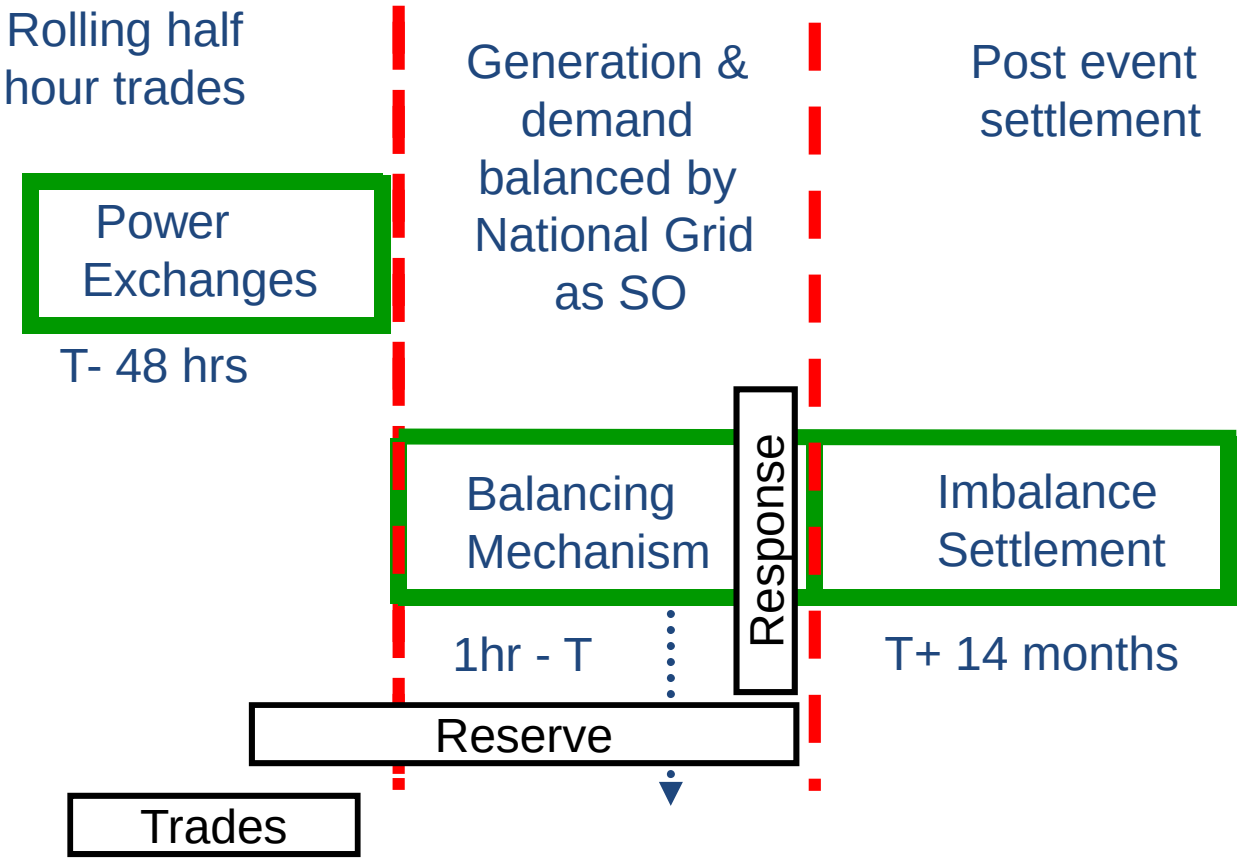
Timescales


Rolling half hour trades
Generation & demand balanced by National Grid as SO
Post event settlement
Power Exchanges
T- 48 hrs
Balancing Mechanism
Response
Imbalance Settlement
1hr - T
T+ 14 months
Reserve
Trades

Tagging Process

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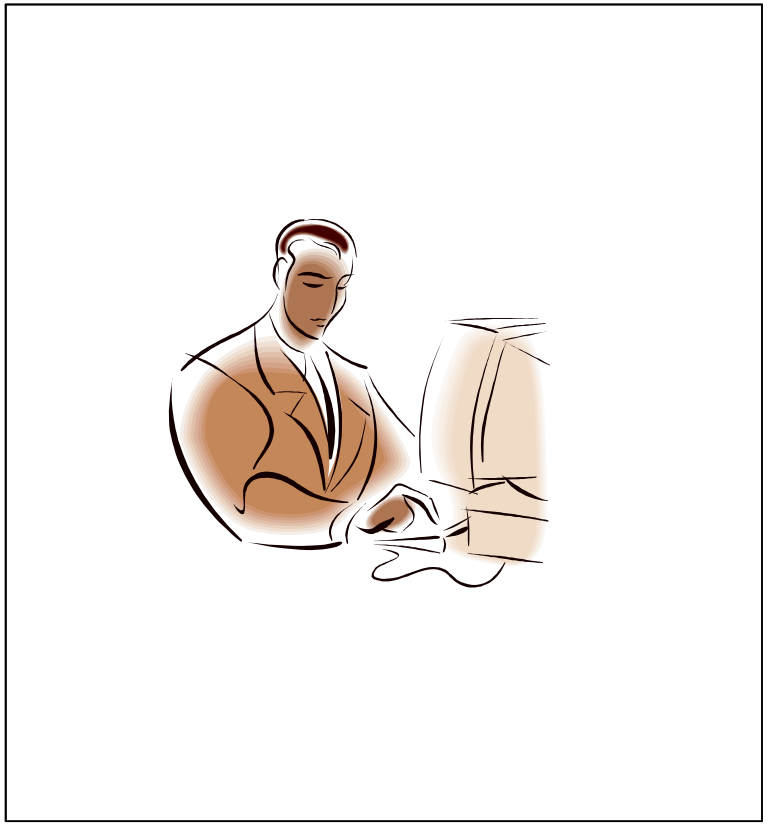
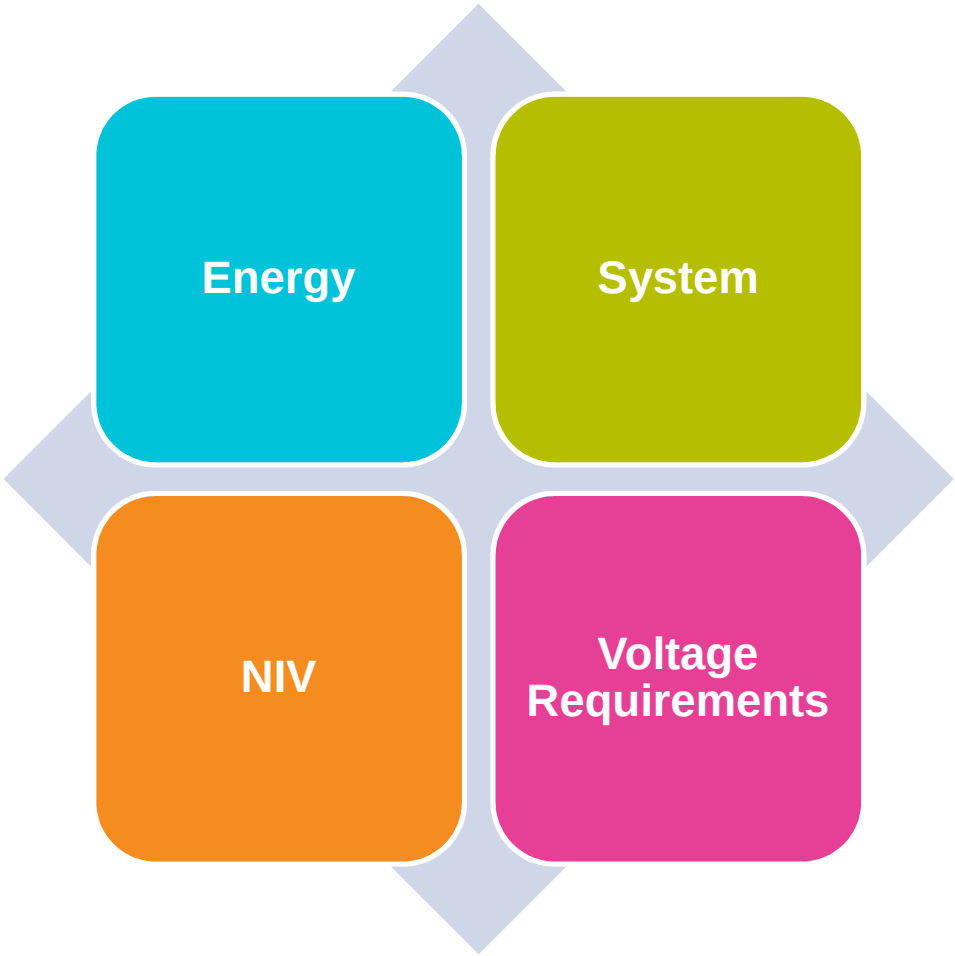
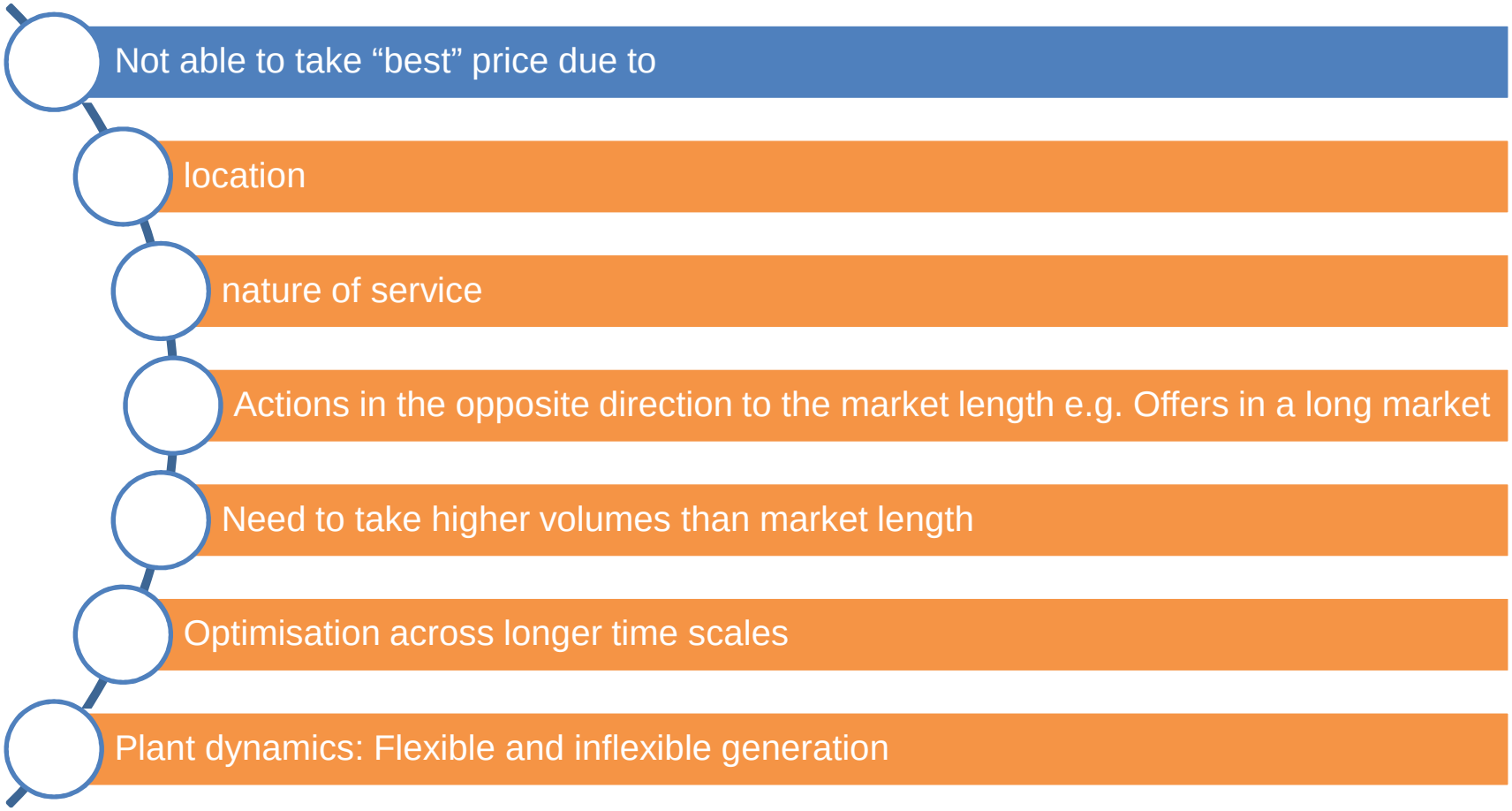


- Tagging is the act of categorising *system* related costs.
- We do this to minimise pollution of *energy* cash-out price
- This better provides the cost of balancing energy
- The tagging process of BOAs is ex-post, whereas tagged trades are ex-ante

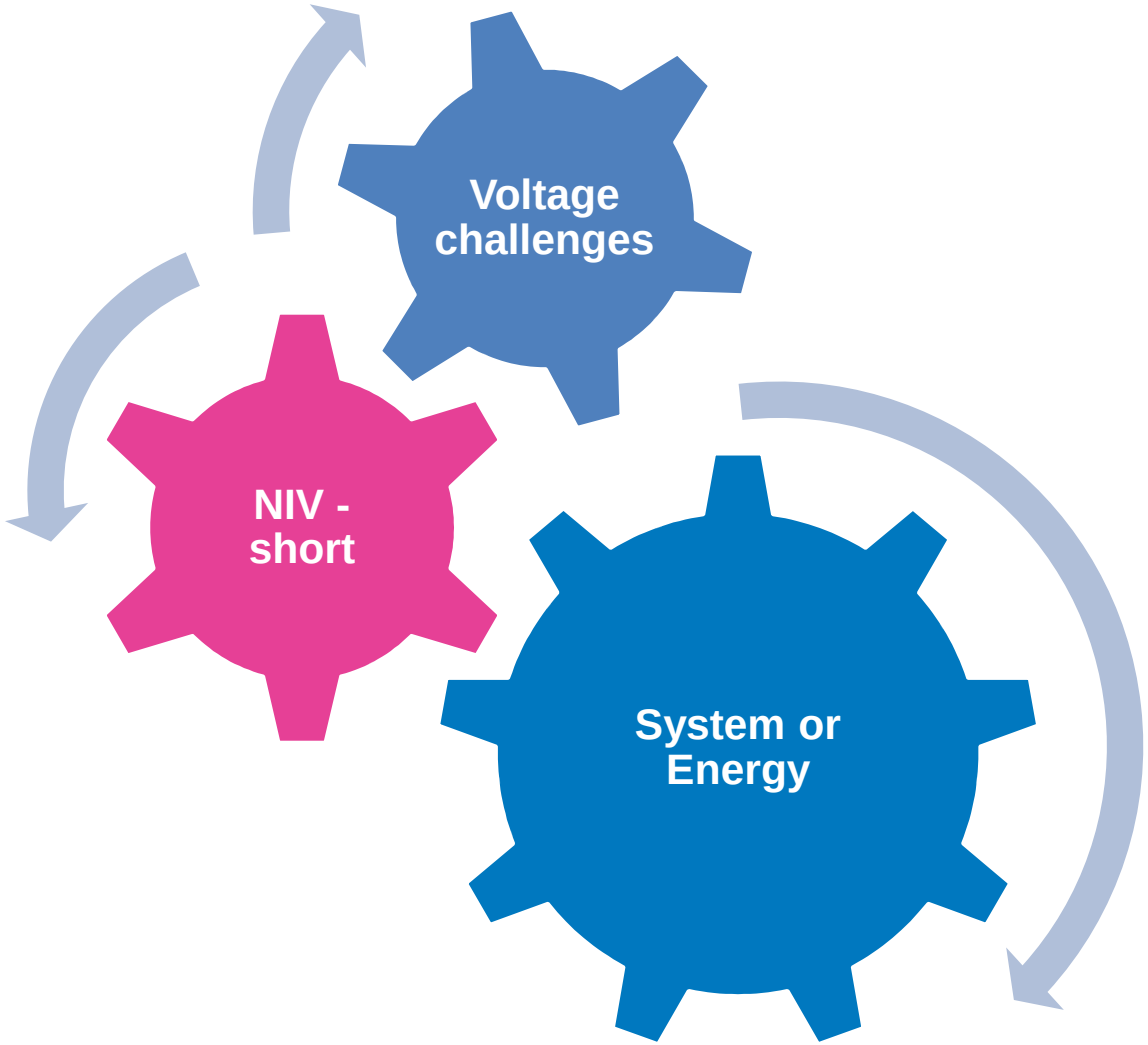
Tagging



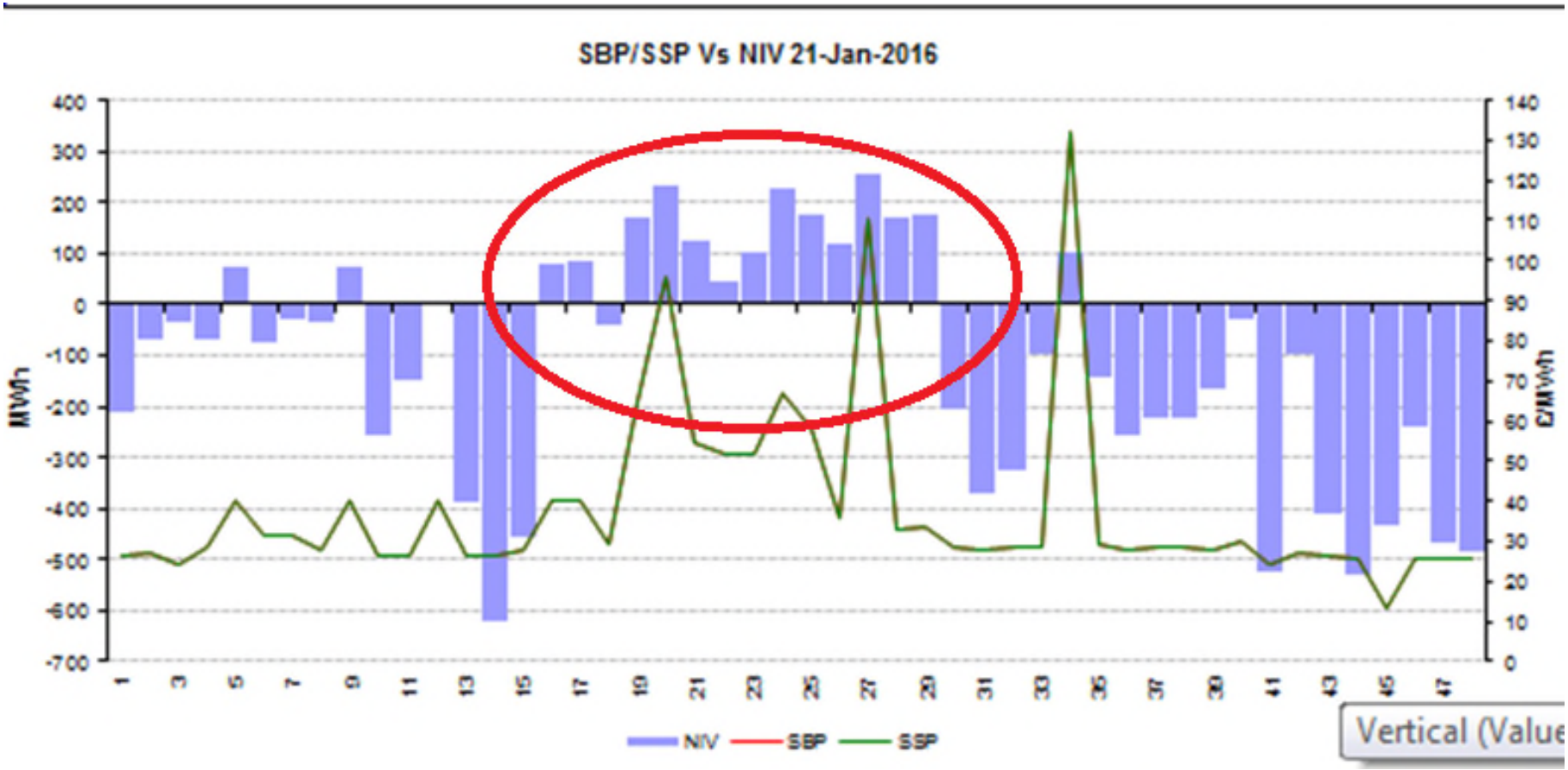
Challenges


Not able to take “best” price due to
location
nature of service
Actions in the opposite direction to the market length e.g. Offers in a long market
Need to take higher volumes than market length
Optimisation across longer time scales
Plant dynamics: Flexible and inflexible generation

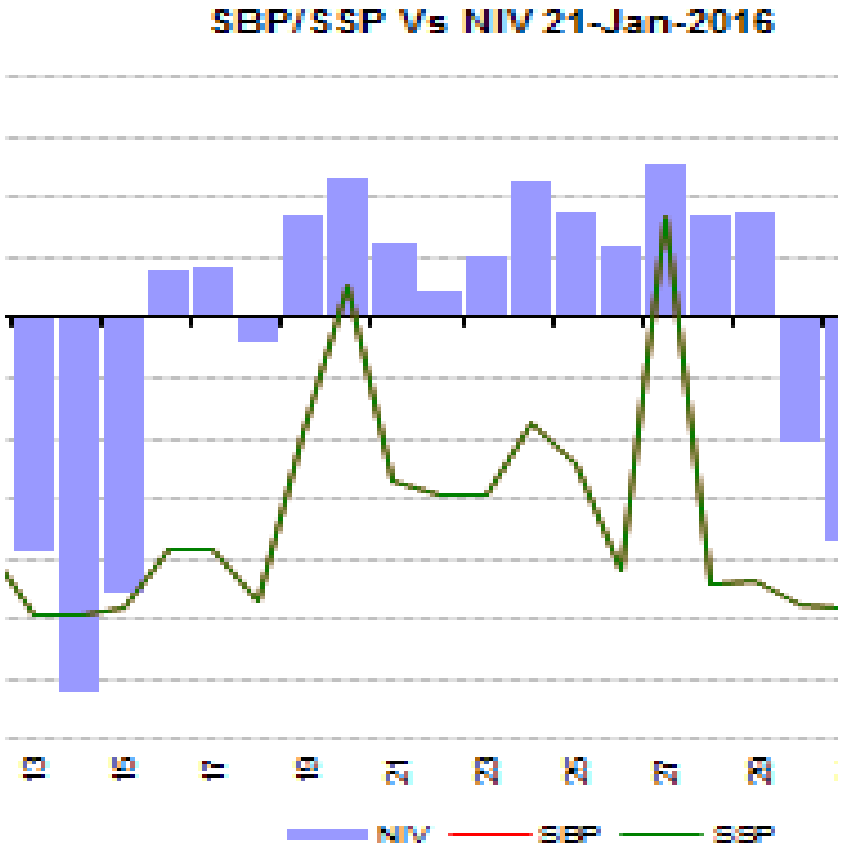
Tagging Explained



Tagging Explained



Tagging Explained



- Take actions for NIV first?
- Take actions for system security first?
- **BOTH**

Tagging Explained

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Forward Trades:

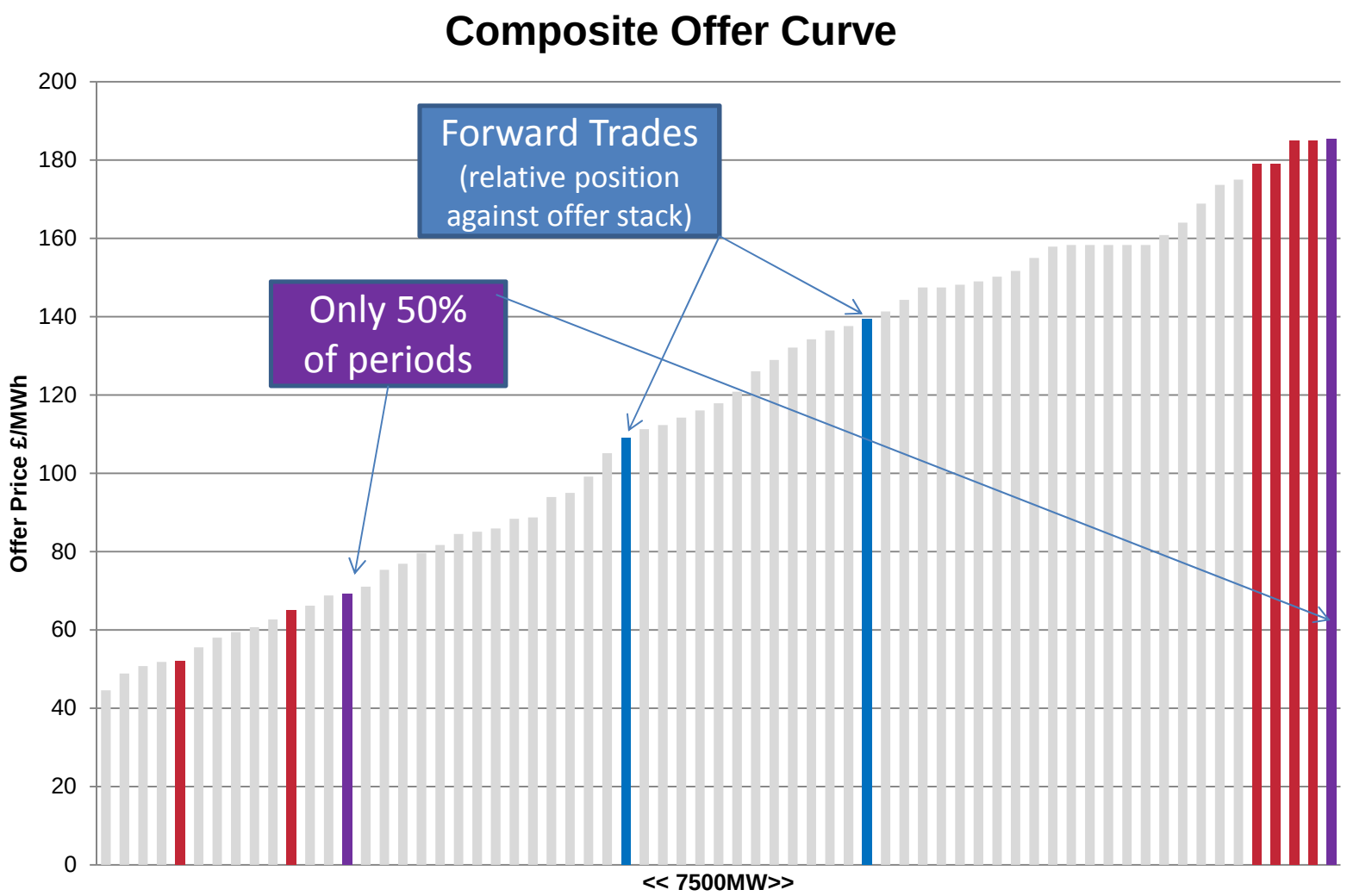
- Actions on IFA & Britned over SP18 - 38

BM Actions:

Date:	21-Jan-16	Settlement Period																			
BMUID	BidOffer	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
LONDON-GEN	O			2	2														2	3	2	2
LONDON-GEN	O						3	4	3	3	4	6	5	4	4	5	4	3	2	1		
LONDON-GEN	O								1	2	1	3	4	11	10	9	4	2	2	1	1	1
LONDON-GEN	O											1	2	3	1							
LONDON-GEN	O											1	2	3	1							
LONDON-GEN	O															1	2	2	2	2		
LONDON-GEN	O	1	1	1	1	3	3															
LONDON-GEN	O	1	1	1	1	3	8	5	2	1												
LONDON-GEN	O											1	2	3	2							
LONDON-GEN	O											1	2	3	2							

- System security – solved
- NIV - solved
- MW Dispatch – most economical

Composite Offer Curve 21/01/16 SP 17-28



Tagging - Audit

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- BSIS Reporting process is fully audited
- BSUoS reporting
- Regulatory Reporting
- Market Reporting
- SMAF Reports

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Q&A

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