

Power Available Signal



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Intermittent Generation

- Consultation on managing intermittent and inflexible generation issued in September 2011. Focus on:
 - Balancing Mechanism participation
 - Pricing
 - Requested views from the industry
- Commercial Balancing Services Group (CBSG) aimed to:
 - Discuss issues
 - Develop potential solutions

Further industry group

- Grid Code obligation requires a best estimate from generators of their output
- Grid Code consultation C/11 published in May 2011 aimed to relax obligations on intermittent generation
- Reconvened WG on 07 November 2011 to discuss
 - NGET proposal to relax obligations on wind but issue BOA when required
 - Retains incentive to provide accurate PN
 - BOA is settled on bid price as normal

Power Available

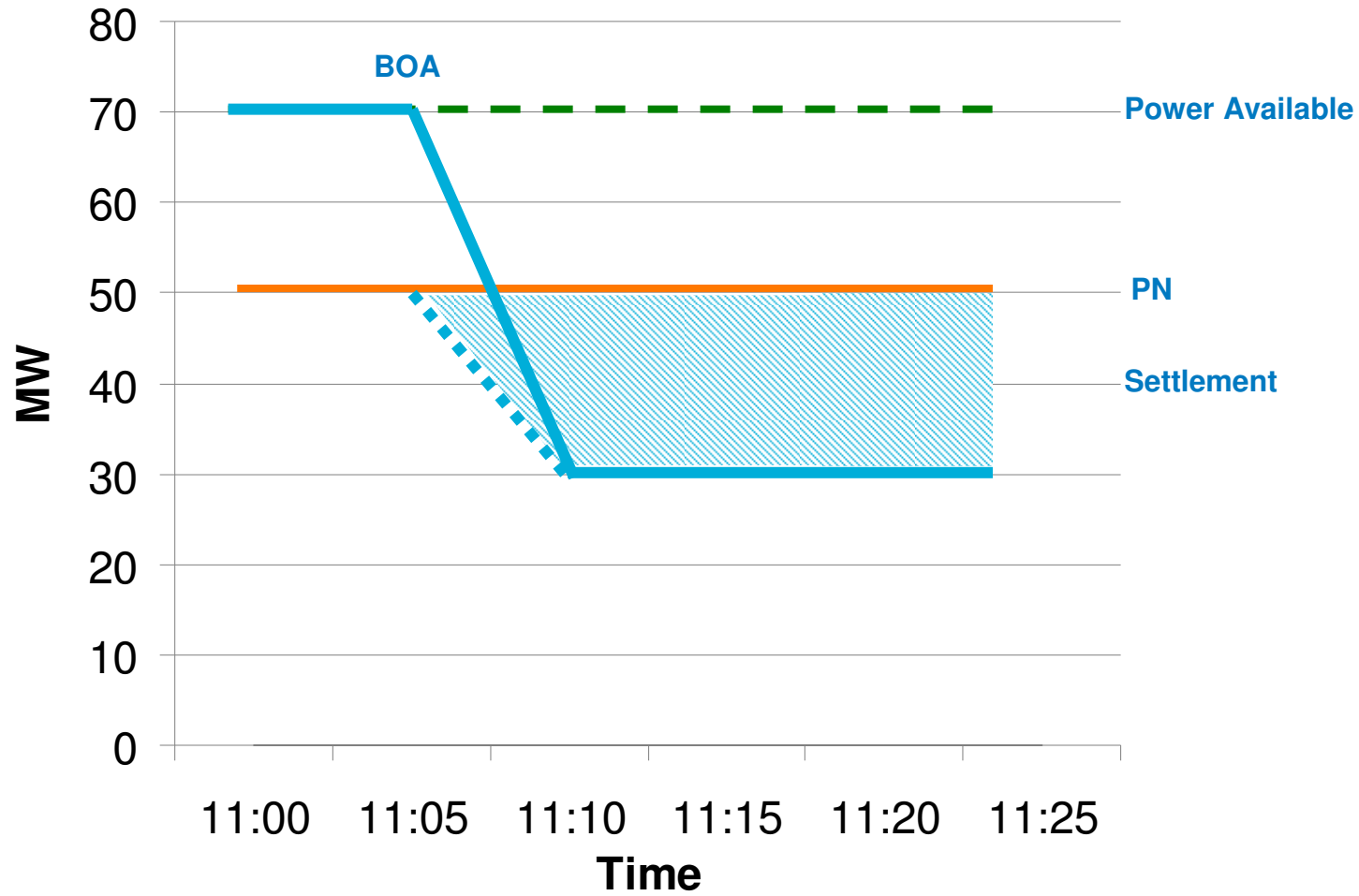
- Uses wind speed to calculate power available
- BOAs are still issued to wind generators
- Power available used as reference instead of PN
- Obligation on wind generators to provide data
- Aggregated from each turbine



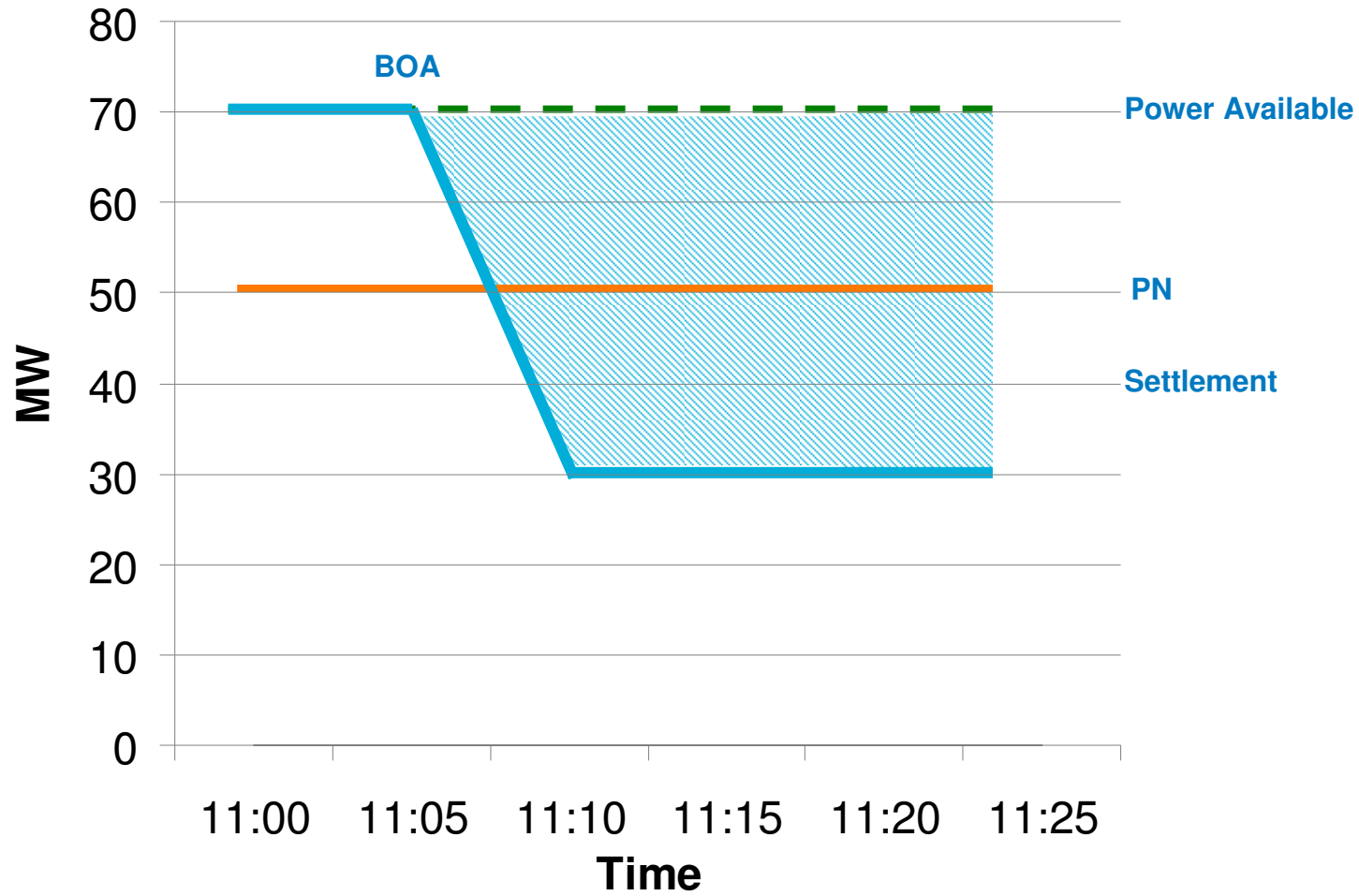
Examples – Operating Above PN



Current settlement



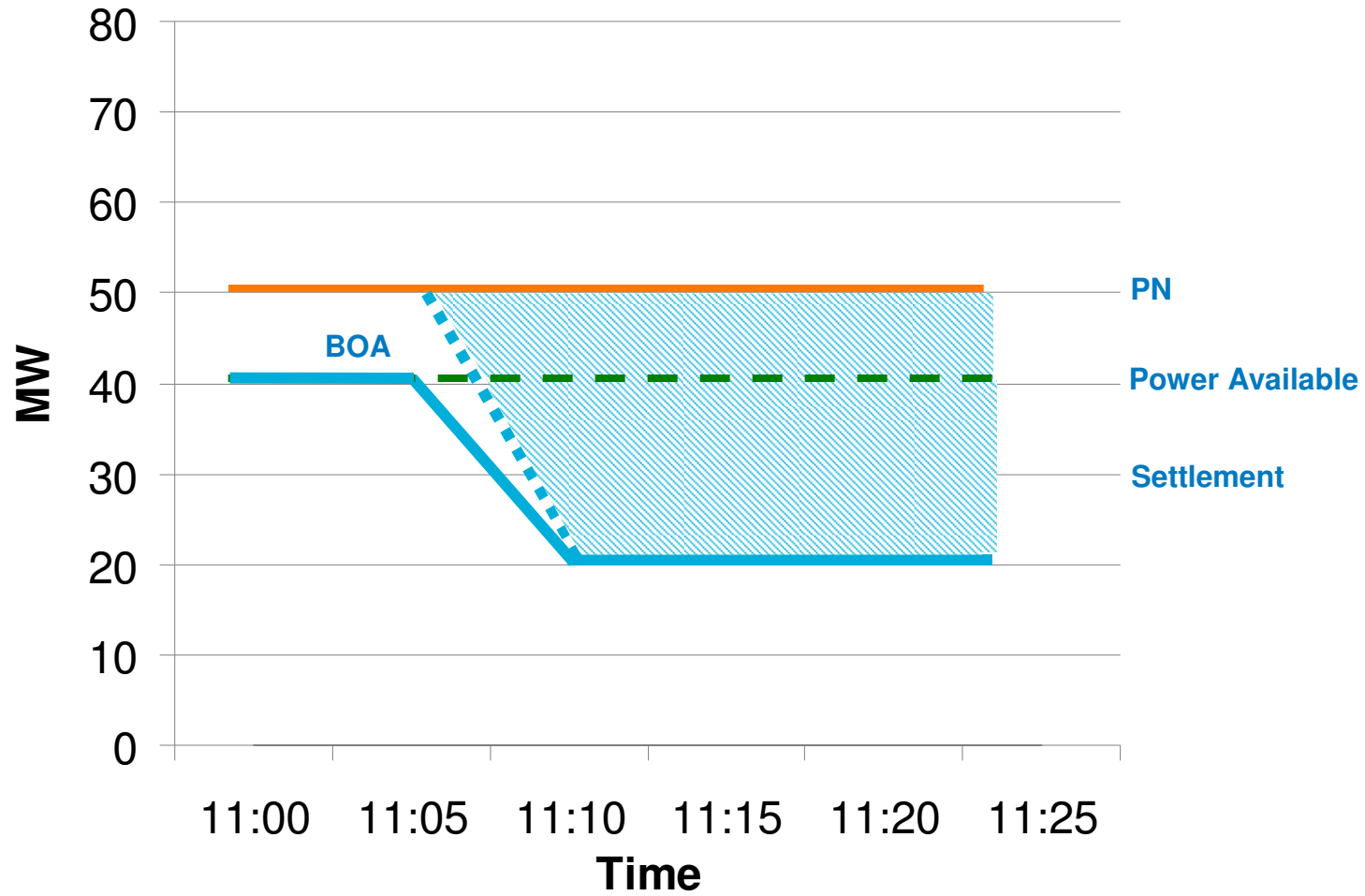
Power available settlement



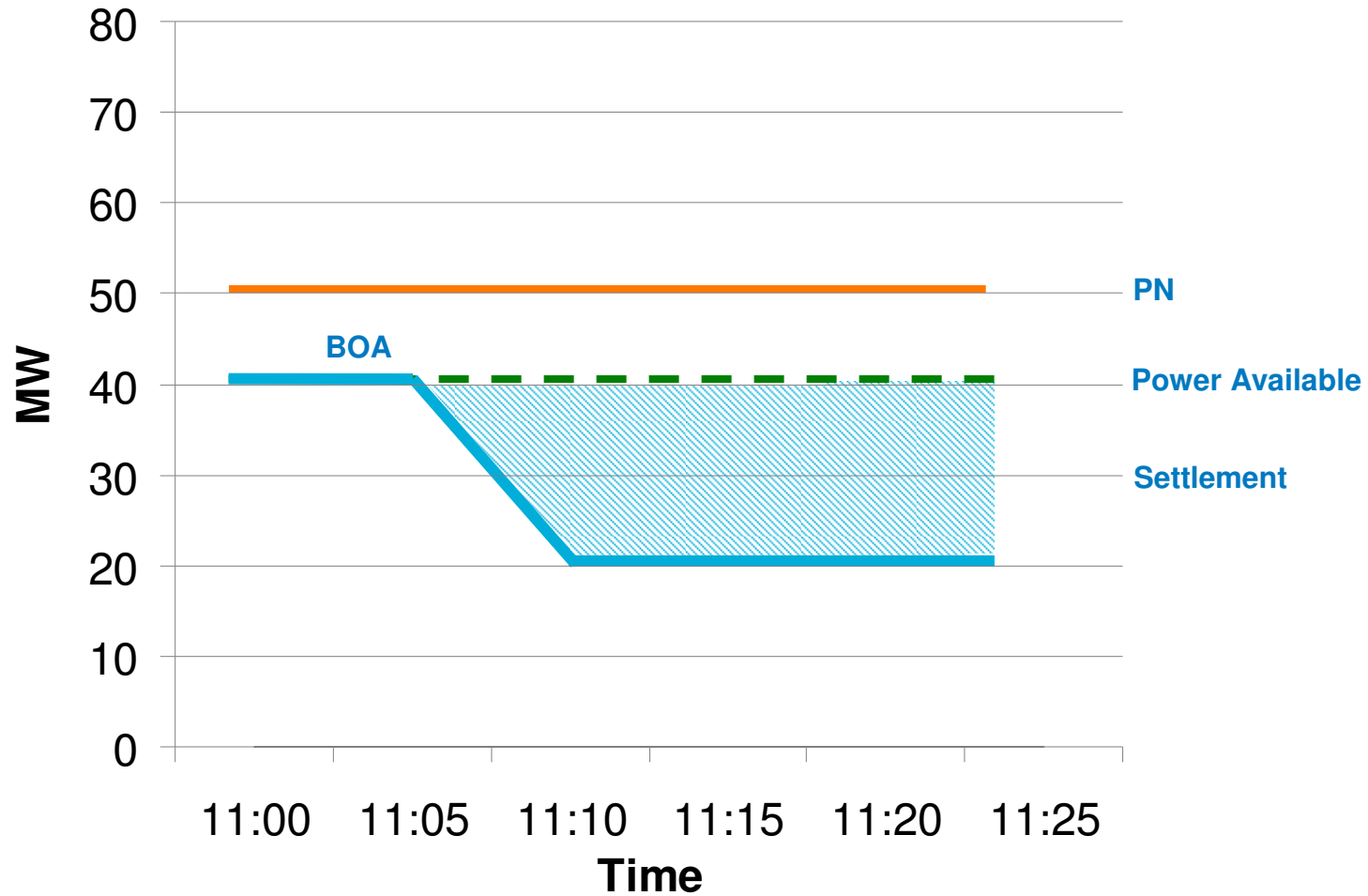
Examples – Operating below PN



Current settlement



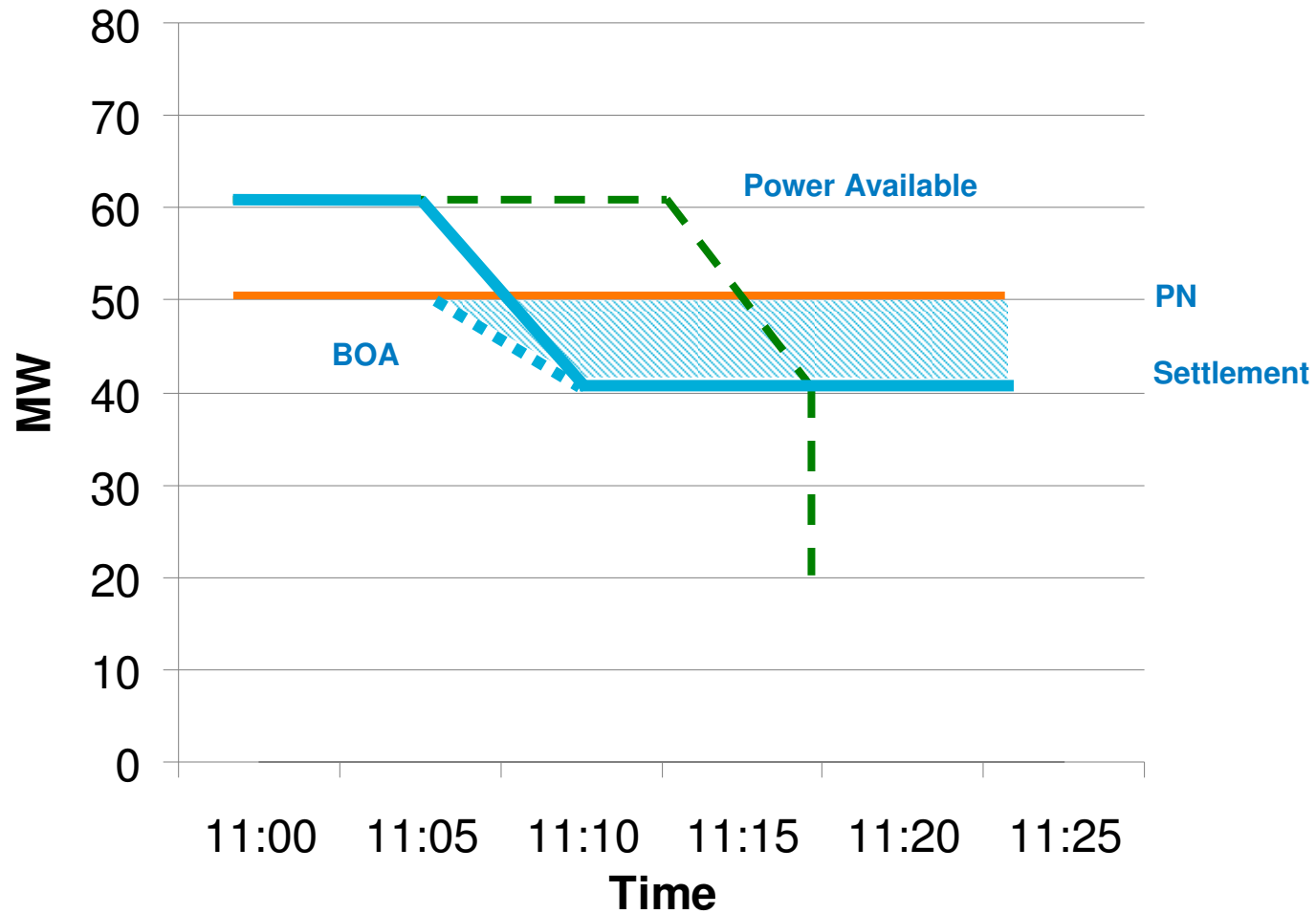
Power available settlement



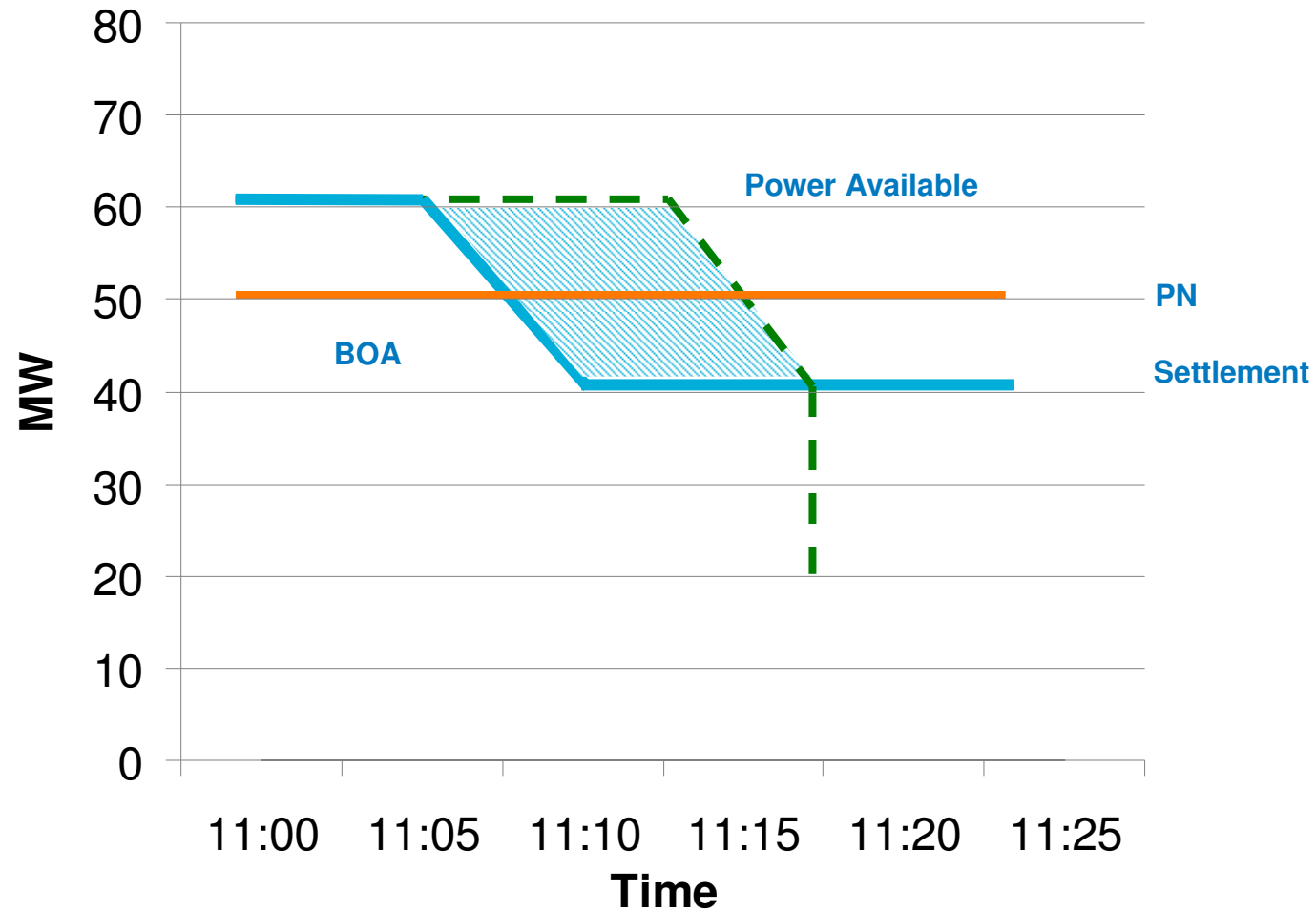
Examples – Sudden wind drop



Current settlement



Power available settlement



Benefits

- Addresses issue of inaccurate PNs from intermittent sources
- PNs should still be used to notify predicted output
- In times of curtailment, the power available will better reflect the actual bid/offer volumes