

June 2016

0588R – Overview

Bethan Winter



WALES&WEST
UTILITIES

Background

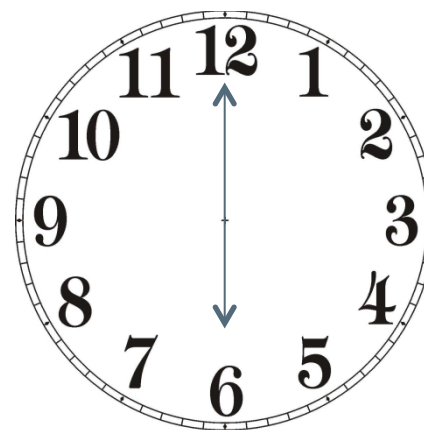
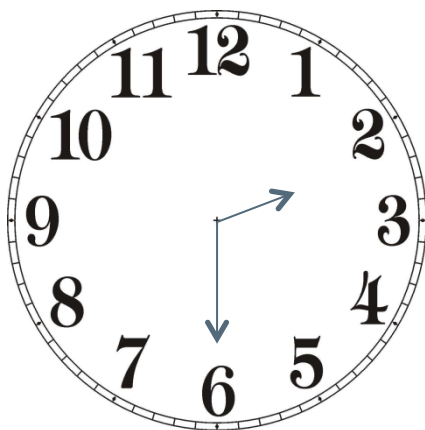
- Increased numbers of Power Generation enquiries being received at WWU
- All sites requesting profile loads at time of peak demand (breakfast and tea-time)
- Supports the development of renewable generation by providing robust back-up for intermittency
- WWU seeking to find the most efficient way of enabling connections

New Sites

- We have a number of site enquiries that require storage in excess of what is available via long term processes
 - x Linepack
 - x High Pressure Storage
 - x NTS Flex (booked year ahead)
- Network Exit Agreements are therefore being developed to include a process for agreeing whether flex can be made available at D-1 (via established processes)
 - ? NTS Flex (booked day ahead)

However,...

- Power stations need to be able to have certainty on capacity for 14:30 D-1
- Initial OPNs from DNs to NTS are only required from 18:00 D-1



Scope

- Understand limitations associated with current non-alignment of gas and electricity balancing strategy processes
- Understand industry views on the best way of resolving issues for example by means of a UNC Modification to OAD section or development / amendment of associated methodologies for example the NTS Short Term Access to System Flexibility Allocation methodology which is produced to meet UNC TPD J7.3.1
- Explore how processes can be developed to formalise the release of additional NTS Flex where this is available

Stakeholder Engagement

- Proposals have been discussed with:
 - WWU customers (Power Station developers)
 - System Operator Forum (NTS & DNs)
 - Planning Forum (NTS & DNs)
 - Workgroup Meeting 0575R

Proposed Workplan

Meeting 1:

- Reviewing arrangements to better enable embedded generation to maximise flexibility
- Identification of options to address problem including:
 - Changes to OAD section I 2.2.1
 - Changes NTS Short Term Access to System Flexibility Allocation methodology
 - Others

Meeting 2:

- Determining way forward for options identified in Meeting 1 including operational impact, commercial impact, speed of implementation, other consequences
- Consideration of any further options
- Identifying consequences of closer interaction between gas and electricity networks

Meeting 3:

- Assessment of implementation costs of any solution identified during the Request – high level view of costs of options
- Workgroup report

Meeting 4:

- Finalise workgroup report

Proposed Timeline

- Initial Consideration by workgroup - 7th July 16*
- Workgroup Assessments complete – 3rd Nov 16
- Panel consideration or report – 17th Nov 16

*if transmission workgroup