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Approach to Spring 2014 Modelling

Supporting Document:
[Approach_to_Spring2014_draft.pdf](#)

DESC – 12th February 2014

Background

- Spring Approach document describes the methodology which is to be followed when completing the modelling process for the coming year
- The main issues requiring investigation have been debated and resolved during TWG meetings in November and January
- Full details of the approach to be used for proposals to be applied to gas year 2014/15 can be found in '[Approach_to_Spring2014_draft](#)' document (reflecting recommendations of TWG)
- The document includes a summary of all key decision / interaction points with the TWG and DESC and the likely dates they will occur

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Modelling Approach 1

- Overall principles of the Spring Approach to modelling 2014 are defined below along with TWG recommendations:
 - This years new modelling dataset will be a 13 month validation period - 1st March '13 to 31st March '14 to ensure a full Easter period is included
 - Additional LDZ aggregations to be created to provide more combinations when individual LDZ analysis not possible – **TWG recommendation**
 - Weather data to be used in this years analysis will be based on the current gas industry history – **TWG recommendation**
 - Additional work required on WSSM weather dataset prior to its use in CWV Optimisation and Spring '15 modelling

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Modelling Approach 2

- Overall principles continued:
 - Holiday code rules will be same as used in Spring '13 with Christmas and New Year holiday period for 2014/15 specifically reviewed and approved – [TWG recommendation](#)
 - Determining Summer Reductions and Cut-Offs
 - Weekend and holiday effects included
 - 3 year model smoothing to continue along with existing weightings for each individual year (34:33:33) - [TWG recommendation](#)

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Modelling Approach 3

- Overall principles continued:
 - Band 01 modelled as a single band - 0 to 73.2 MWh with Domestic only supply points
 - Band 7 & 8 consumption and WAR bands to be merged for modelling purposes only – [TWG recommendation](#)
 - Fallback position available as with previous years
 - Publication: Xoserve extranet (UK Link Documentation) including supporting files

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Interaction and Timetable

- Collaborative approach to modelling and decision making with TWG has worked well since its introduction in Spring 2012.
- Please review decision / interactions timetable (Appendix 2 of Spring Approach document) which provides summary of TWG involvement
- To ensure that the correspondence during the Spring Analysis period (April to July) between Xoserve and the TWG remains effective it may be worth checking that the Technical Workgroup representative within your organisation is still the most appropriate contact
 - Master List on JO website

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