Proposed changes to NDM Algorithm booklet and Supporting Files

TWG – 17th November 2015

Background

- During the consultation phase of each year's NDM proposals UNC Section H states that the Demand Estimation Sub Committee (DESC) shall provide to all Users details of:
    - Proposed EUC definitions and Demand models
    - Values of the Derived Factors
    - Performance of the Demand models in the preceding year

- Xoserve also provides a commentary to support the draft proposals

- All of the above is achieved by the publication of the NDM Algorithms booklet and a set of supporting files each June/July in preparation for the industry consultation

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Content

- The NDM Algorithms booklet contains an introductory document and 13 Appendices which effectively provide a 'step by step' explanation of the process which has been followed to derive the years proposals

- In addition to the booklet there are approximately 20 supporting files which provide information at a level which allows Users to replicate the analysis should they wish to do so

- During the production of the above over recent years Xoserve has noted that efficiencies could be made in certain areas which would make the process easier to manage during a time of the year which is always very busy due to the industry timetable

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Review of Output

- During the Autumn Xoserve carried out an exercise to review all elements of the NDM booklet and supporting files with the aim of achieving the following:

    – Improve the ease of preparation for Xoserve
    – Improve the ease of use for the User i.e. easier to load files and manipulate data
    – Remove duplication

- Xoserve has compiled a set of proposals to take effect for the 2016 process

- Xoserve welcome feedback from TWG on the proposals and any other comments / ideas you may have relating to this area

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NDM Algorithm booklet - Proposals

- Appendix 2:
  - Provide separate file with data aggregation no.'s (Tables A2.5 to A2.13) rather than embedded in report

- Appendix 5:
  - Remove Tables A5.1 to A5.9 - refer to supporting files where data also provided

- Appendix 6:
  - Separate file of CWV intercepts (Tables A6.1 to 6.2) rather than embedded in report

- Appendix 7:
  - Separate file of averaged parameters (Tables A7.1 to 7.4) rather than embedded in report

- Appendix 10 and 11:
  - Combine sections into one Appendix to remove duplication of tables (e.g. Table A11.1)

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Supporting Files - Proposals

- ILFyyyy_xx (3 .pdf documents currently):
  - Reduce to single narrative document with associated numbers provided in a single electronic file

- MDLPARyyyy_xx (3 .pdf documents currently):
  - Reduce to single narrative document with associated numbers provided in a single electronic file

- Remainder of supporting files remain 'as-is' as they are already provided in a text format enabling the User to import and analyse

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Conclusions

- Proposals will:
  - Make it easier for Xoserve to produce the NDM report and Supporting Files (although initial work required for first year to set up)
  - Make it easier for the User to analyse the data as provided in a more user friendly format
  - Remove unnecessary duplication and reduce scope for manual errors

- Proposals will still mean:
  - Any User wishing to understand / replicate the process followed to produce the Derived Factors will still be able to do so as:

    - The 'step by step' guide through the modelling process remains in place
    - No information/data is being removed as a result of proposed changes

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Any Questions ?

- TWG thoughts / questions / ideas welcome on proposals