



**Demand Estimation Sub Committee
Technical Work Group**

Seasonal Normal Review Update

27th April 2020

Objective

- Recap of Seasonal Normal Review activities completed in 2019 and in early 2020
- Update on work performed since last DESC meeting on 10th February 2020
- Reminder on where to find relevant supporting data files (including new file)
- Reminder of Next Steps for remaining Seasonal Normal Review activities in Q2 and Q3 of 2020 ahead of 'go-live' on 1st October 2020

Seasonal Normal Review - Recap

- The main DESC obligations from the Seasonal Normal Review process were delivered during the majority of 2019 – recap below:
 - Review and revision of the CWV formula – introduction of Solar Radiation
 - Optimisation of the parameters in the revised CWV formula
 - DESC approved the revised CWV formula and parameters at 7th October 2019 meeting
 - Review of current SNCWV basis (shape and level)
 - Use of Climate Change Methodology in the Approach to SNCWV calculation
 - Calculation of revised Seasonal Normal Composite Weather Variables (SNCWV)
 - DESC approved the new SNCWV's to be used effective from 1st October 2020 at 9th December 2019 meeting
- In Q1 2020, the 2019 Gas Demand EUC Modelling was 'refreshed' using revised weather variables (i.e. CWVs, SNCWVs) in order to provide indicative views of the impacts to the EUC Demand Models and subsequent Gas Demand Profiles – results presented at 10th February 2020 DESC

Seasonal Normal Review - Update

- The main focus since Feb DESC has been to ensure communication about the implementation of the Seasonal Normal Review is increased across the industry
- A set of core slides are now available on the DESC homepage of the Joint Office website [here](#) which can be used as a reference to use with your colleagues
- In recent weeks these slides have been presented and discussed at:
 - Distribution Networks Constituency (12th March)
 - IGT Constituency (18th March)
 - Gas Distribution Charging Methodology Forum (24th March)
 - Transmission Work Group (2nd April)
 - Shared with Xoserve Customer Advocates and also presented in one of their Shipper T.cons
- Also due to be discussed at:
 - Performance Assurance Committee (20th April)
 - Distribution Work Group (23rd April)
- Further Xoserve News Article planned in coming weeks

Seasonal Normal Review – Where to find data

- The following documents are available on the secure area of Xoserve's website – [UKLink Docs](#) under the following folder:

18.NDM Profiling and Capacity Estimation Algorithms > 2020-21 Gas Year > 5. Seasonal Normal 2020

- Revised Pseudo Seasonal Normal Effective Temperature (Pseudo-SNET) for GY 2020/21 (**[SN20_SNET20.txt](#)**)
- Revised Pseudo Seasonal Normal Effective Solar (Pseudo-SNES) for GY 2020/21 (**[SN20_SNES20.txt](#)**)
- Revised Seasonal Normal Composite Weather Variable (SNCWV) for GY 2020/21 (**[SN20_SNCWV20.txt](#)**)
- Recalculated CWV History spanning Gas Years 1960/61 to 2018/19 inclusive (**[SN20_CWV6019.txt](#)**)
- Recalculated CWV History for Gas Year 2019/20 upto and including 31st March 2020 (**[SN20_CWV1920.txt](#)**) - to be updated at least monthly

Seasonal Normal Review – Next Steps

- Q2 of 2020:
 - Continue with Industry communication / awareness – forums, news articles etc
 - Draft Gas Demand Profiles (ALPs, DAFs and PLFs) using the new weather to be published in early June
 - Delivery of XRN4772 (CWV formula system changes) – scheduled for June release
- Q3 of 2020:
 - Following completion of industry consultation, produce revised WAALPs for all EUCs using new ALPs, DAFs, CWVs and SNCWVs to support AQ calculations in September 2020 – this is likely to be of interest for any Shippers who replicate AQ calculations
 - Produce ‘Seasonal Normal Ratios’ for each EUC which will be applied to those Supply Meter Points which fail to calculate in the September 2020 AQ calculation run