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Demand Estimation Sub Committee
Post Nexus Parameters

15th February 2017

Post Nexus Parameters – ALPs and DAFs

- Upon the implementation of UNC Modification 0432 a number of new industry rules will take effect, including for the Demand Estimation area a new Demand Attribution formula
  - The Daily Adjustment Factor (DAF) used in the formula **will** be calculated differently
  - The Annual Load Profile (ALP) used in the formula **will not** be calculated differently

- The following clarifies the position regarding the parameters which are to be used in Demand Attribution pre and post 1st June 2017:

  - Calculations for, up to and including, gas day 31st May 2017 will use ALPs and DAFs from file: ALP_OLDDAF16.txt

  - Calculations for gas day 1st June 2017 onwards will use ALPs and DAFs from file: ALPDAF16.txt

  - Both of these files can be accessed in the secure area of Xoserve's website. Location: 18.NDM Profiling and Capacity Estimation Algorithms / 2016-17 Gas Year / 3. Demand Estimation Parameters / a. End User Categories and Derived Factors

Post Nexus Parameters - WCF

- Upon the implementation of UNC Modification 0432 the calculation of the Weather Correction Factor (WCF), which is part of the Demand Attribution formula, will change to refer to actual weather in the form of CWV:
  - $WCF_t = CWV_t – SNCWV_t$

    where CWV_t is the Composite Weather Variable for the LDZ for day t and $SNCWV_t$ is the Seasonal Normal value of the CWV for the LDZ for day t

  - Calculations for gas day 1st June 2017 onwards will use the new WCF formula. The SNCWV can be retrieved from file: SNCWV16.txt

    Location: 18.NDM Profiling and Capacity Estimation Algorithms / 2016-17 Gas Year / 3. Demand Estimation Parameters / b. Demand Model Supporting Files

    The CWV is calculated each day and published on National Grid's website under Data Item Explorer (both Forecast and Actual)

  - Note: The use of 'pseudo SNDs' in the WCF formula, introduced by UNC Modification 0204, will cease after gas day 31st May 2017