



Demand Estimation Sub Committee

3.0 Seasonal Normal Review update

22nd July 2020

Objectives

- Pending final approval of EUC gas demand models presented in section '2.0 2020_21 NDM Algorithms', provide final values of EUC ratios for all LDZ EUC combinations
- Reminder of remaining activities under Seasonal Normal Review due to be completed in 2020

Seasonal Normal Review 2020: EUC Ratios

Bands 1 and 2

| | EA | EM | NE | NO | NT | NW | SC | SE | SO | SW | WM | WN | WS |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 01BND | 0.989 | 0.987 | 0.984 | 1.005 | 0.990 | 0.995 | 0.990 | 0.989 | 0.992 | 0.990 | 0.999 | 0.998 | 0.991 |
| 01BNI | 0.991 | 0.984 | 0.985 | 1.004 | 0.989 | 0.990 | 0.989 | 0.989 | 0.993 | 0.996 | 0.997 | 0.994 | 0.985 |
| 01BPD | 0.987 | 0.987 | 0.990 | 0.993 | 0.988 | 1.010 | 0.991 | 0.983 | 0.989 | 1.017 | 1.002 | 1.013 | 0.986 |
| 01BPI | 0.991 | 0.984 | 0.985 | 1.004 | 0.989 | 0.990 | 0.989 | 0.989 | 0.993 | 0.996 | 0.997 | 0.994 | 0.985 |
| 02BND | 0.993 | 0.988 | 0.988 | 1.004 | 0.991 | 0.992 | 0.995 | 0.991 | 0.992 | 0.994 | 1.001 | 0.994 | 0.989 |
| 02BNI | 0.992 | 0.985 | 0.987 | 1.001 | 0.992 | 0.998 | 0.991 | 0.992 | 0.994 | 0.996 | 0.999 | 0.999 | 0.982 |
| 02BPD | 0.987 | 0.987 | 0.990 | 0.993 | 0.988 | 1.010 | 0.991 | 0.983 | 0.989 | 1.017 | 1.002 | 1.013 | 0.986 |
| 02BPI | 0.992 | 0.985 | 0.987 | 1.001 | 0.992 | 0.998 | 0.991 | 0.992 | 0.994 | 0.996 | 0.999 | 0.999 | 0.982 |

Bands 3 and 4

| | EA | EM | NE | NO | NT | NW | SC | SE | SO | SW | WM | WN | WS |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 03B | 0.993 | 0.986 | 0.990 | 1.003 | 0.992 | 0.994 | 0.991 | 0.993 | 0.993 | 0.996 | 1.011 | 0.999 | 0.997 |
| 03W01 | 0.998 | 0.996 | 0.996 | 1.002 | 0.997 | 0.999 | 0.998 | 0.997 | 1.000 | 0.998 | 1.001 | 0.999 | 0.997 |
| 03W02 | 0.996 | 0.990 | 0.991 | 0.995 | 0.994 | 0.992 | 0.998 | 0.995 | 0.996 | 0.998 | 0.997 | 0.994 | 0.994 |
| 03W03 | 0.993 | 0.985 | 0.986 | 1.003 | 0.992 | 0.991 | 0.997 | 0.992 | 0.994 | 0.994 | 0.997 | 0.993 | 0.995 |
| 03W04 | 0.994 | 0.981 | 0.989 | 1.009 | 0.988 | 0.991 | 0.985 | 0.989 | 0.993 | 0.990 | 0.999 | 0.996 | 0.993 |
| 04B | 0.994 | 0.987 | 0.988 | 1.003 | 0.992 | 0.995 | 0.992 | 0.992 | 0.995 | 0.997 | 0.999 | 0.993 | 0.992 |
| 04W01 | 0.998 | 0.996 | 0.996 | 1.002 | 0.997 | 0.999 | 0.998 | 0.997 | 1.000 | 0.998 | 1.001 | 0.999 | 0.997 |
| 04W02 | 0.996 | 0.990 | 0.991 | 0.995 | 0.994 | 0.992 | 0.998 | 0.995 | 0.996 | 0.998 | 0.997 | 0.994 | 0.994 |
| 04W03 | 0.993 | 0.985 | 0.986 | 1.003 | 0.992 | 0.991 | 0.997 | 0.992 | 0.994 | 0.994 | 0.997 | 0.993 | 0.995 |
| 04W04 | 0.994 | 0.981 | 0.989 | 1.009 | 0.988 | 0.991 | 0.985 | 0.989 | 0.993 | 0.990 | 0.999 | 0.996 | 0.993 |

Seasonal Normal Review 2020: EUC Ratios

Bands 5 and 6

| | EA | EM | NE | NO | NT | NW | SC | SE | SO | SW | WM | WN | WS |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 05B | 0.995 | 0.989 | 0.993 | 1.002 | 0.994 | 0.996 | 0.994 | 0.994 | 0.996 | 1.000 | 0.995 | 0.998 | 0.994 |
| 05W01 | 0.999 | 0.998 | 0.998 | 0.999 | 1.000 | 0.998 | 0.999 | 0.998 | 0.999 | 0.997 | 1.000 | 0.999 | 0.996 |
| 05W02 | 0.997 | 0.993 | 0.994 | 1.002 | 0.995 | 0.997 | 0.995 | 0.995 | 1.001 | 0.998 | 1.001 | 0.998 | 0.994 |
| 05W03 | 0.995 | 0.987 | 0.989 | 1.001 | 0.993 | 0.993 | 0.992 | 0.993 | 0.995 | 0.995 | 0.999 | 0.995 | 0.991 |
| 05W04 | 0.990 | 0.984 | 0.986 | 1.006 | 0.989 | 0.992 | 0.985 | 0.987 | 0.991 | 0.991 | 1.000 | 0.996 | 0.996 |
| 06B | 0.996 | 0.994 | 0.997 | 1.001 | 0.995 | 0.996 | 0.994 | 0.995 | 0.997 | 1.000 | 0.998 | 0.999 | 0.994 |
| 06W01 | 0.999 | 1.000 | 1.000 | 1.000 | 1.001 | 1.000 | 1.002 | 0.997 | 1.000 | 0.997 | 0.998 | 0.997 | 0.997 |
| 06W02 | 0.999 | 0.998 | 0.998 | 1.001 | 0.998 | 0.997 | 0.997 | 0.999 | 1.000 | 0.998 | 1.000 | 0.999 | 0.999 |
| 06W03 | 0.997 | 0.992 | 0.994 | 1.003 | 0.993 | 0.996 | 0.995 | 0.996 | 0.997 | 0.997 | 0.999 | 0.995 | 0.994 |
| 06W04 | 0.994 | 0.985 | 0.988 | 1.003 | 0.990 | 0.991 | 0.989 | 0.991 | 0.994 | 0.993 | 0.999 | 0.994 | 0.998 |

Bands 7, 8, and 9

| | EA | EM | NE | NO | NT | NW | SC | SE | SO | SW | WM | WN | WS |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 07B | 0.998 | 0.997 | 0.998 | 1.000 | 0.998 | 0.997 | 0.997 | 0.994 | 0.997 | 1.006 | 0.995 | 0.999 | 0.996 |
| 07W01 | 1.000 | 0.999 | 0.999 | 0.999 | 1.003 | 1.001 | 1.003 | 0.997 | 1.001 | 0.996 | 1.003 | 0.998 | 0.994 |
| 07W02 | 1.000 | 0.998 | 0.998 | 1.000 | 0.999 | 0.999 | 0.999 | 1.000 | 1.001 | 1.000 | 1.000 | 1.000 | 1.000 |
| 07W03 | 0.999 | 0.996 | 0.997 | 1.002 | 0.997 | 0.998 | 0.997 | 0.998 | 1.000 | 0.998 | 1.000 | 1.000 | 0.998 |
| 07W04 | 0.995 | 0.985 | 0.992 | 1.003 | 0.993 | 1.004 | 0.990 | 0.992 | 0.995 | 0.996 | 0.998 | 1.008 | 0.990 |
| 08B | 0.998 | 0.997 | 0.998 | 1.000 | 0.998 | 0.997 | 0.997 | 0.994 | 0.997 | 1.006 | 0.995 | 0.999 | 0.996 |
| 08W01 | 1.000 | 0.999 | 0.999 | 0.999 | 1.003 | 1.001 | 1.003 | 0.997 | 1.001 | 0.996 | 1.003 | 0.998 | 0.994 |
| 08W02 | 1.000 | 0.998 | 0.998 | 1.000 | 0.999 | 0.999 | 0.999 | 1.000 | 1.001 | 1.000 | 1.000 | 1.000 | 1.000 |
| 08W03 | 0.999 | 0.996 | 0.997 | 1.002 | 0.997 | 0.998 | 0.997 | 0.998 | 1.000 | 0.998 | 1.000 | 1.000 | 0.998 |
| 08W04 | 0.995 | 0.985 | 0.992 | 1.003 | 0.993 | 1.004 | 0.990 | 0.992 | 0.995 | 0.996 | 0.998 | 1.008 | 0.990 |
| 09B | 0.998 | 0.997 | 0.998 | 1.002 | 0.998 | 0.996 | 0.999 | 0.998 | 0.999 | 0.998 | 1.002 | 0.997 | 0.998 |

Next Steps

- Final EUC Ratio values will be published on the secure area of Xoserve's website, UKLink docs alongside the other Seasonal Normal Review 2020 supporting files. Location: 18.NDM Profiling and Capacity Estimation Algorithms / 2020-21 Gas Year / 5. Seasonal Normal 2020
- Revised WAALPs for all EUCs using new ALPs, DAFs, CWVs, and SNCWVs to support AQ calculations in September 2020 will be produced and published – this is likely to be of interest for any shippers who replicate AQ calculations
- Seasonal Normal Ratios will be applied to any Supply Meter Points which fail to calculate an AQ in September 2020. This will ensure that effective 1st October 2020, all Supply Meter Points will be on a consistent Seasonal Normal basis
- This will conclude all DESC activities for the 2020 Seasonal Normal Review