

xserve



respect > commitment > teamwork

DESC Action DE0204

5th March 2012



DESC Action DE0204: 1 of 6

- DESC Action: “Modification 0330 - Xoserve to draft requirements for tender and E.ON to provide a list of weather stations for circulation”
 - (Shippers to have 14 days to comment)

Weather Station Substitution Methodology

- Initial view of requirements – Methodology
 - Written methodology to be applied in the event of a weather station closure
 - Description of the required data items and formula/method to be applied in such circumstances
 - Description of the outputs and decision-making process required
 - Documentary evidence to support the chosen methodology

Weather Station Substitution Methodology

- Initial view of requirements – Revised Historic Dataset
 - Content of dataset:
 - Hourly data, wherever available, for all data items
 - At least [50] gas years of history for all variables
 - Data up to end of previous complete gas year
 - Initial list of data items required, if available
 - Temperature
 - Wind speed
 - Wind direction
 - Cloud cover
 - Solar radiation
 - Humidity
 - Precipitation

Weather Station Substitution Methodology

- Initial view of required (existing) weather stations – list provided by E.ON
 - Aberdeen (Dyce) 03091
 - Albemarle (Newcastle) 03238
 - Belfast (Aldergrove) 03917
 - Benson 03658
 - Bristol (Filton) 03628
 - Coleshill (Birmingham) 03535
 - Edgbaston (Birmingham) 99028
 - Charlwood (Gatwick) 03769
 - Church Fenton (Leeds) 03355
 - Glasgow (Bishopton) 03134
 - Linton on Ouse 03266
 - London (central) closed
 - Heathrow (London) 03772
 - Manchester (Hulme Library) 99029
 - Woodford (Manchester) 03348
 - Rhyl 03313
 - Southampton (Oceanography Centre) 99079
 - St Athan (Cardiff) 03716
 - Watnall (Nottingham) 03354
 - Wattisham 03591
 - Yeovilton 03853

Weather Station Substitution Methodology

- Potential additional weather stations – list provided by E.ON
 - Plymouth 03827
 - Marham (Norwich) 03482
 - Aberporth (west Wales) 03502
 - Edinburgh (Gogarbank) 03166
 - Lerwick 03005
 - Stornoway 03026
 - Aviemore 03063

Weather Station Substitution Methodology

– Additional requirements – Dataset

- Disclosure of dataset:
 - Licensed for disclosure to all UNC parties (Gas Shippers and Transporters)
- Visibility of data sources
 - Identification of instances where data gaps had to be filled and which methodology was applied