



Demand Estimation Sub Committee

3.0 Weather Station Review

19th July 2022

Objective

- To review current list of Weather Stations used in Demand Estimation processes
- Discuss any issues DESC may be aware of in relation to their future use in the Demand Estimation process
- Reminder of Weather Stations used for all weather variables following the design and implementation of new CWV basis on 1st October 2020
- Please note: This task is done once every 12 months in order to anticipate any possible issues. Demand Estimation team has contacted Met office for an up-to-date view on the weather stations' status which the following slides reflect

Gas Industry Weather Stations

Weather Station	LDZ	Network	Hourly Temperatures	Hourly Winspeeds	Hourly Solar Radiation	Latest Met Office Commentary (Provided 06/07/22)
Glasgow Bishopton	SC	Scotia Gas Networks	✓	✓	✓	-
Albemarle Barracks Durham Weather Station	NO	Northern Gas Networks	✓ -	✓ -	- ✓	-
Rostherne No 2	NW WN	Cadent Wales & West Utilities	✓	✓	✓	-
Nottingham Watnall	NE EM	Northern Gas Networks Cadent	✓	✓	✓	-
Birmingham Winterbourne 2 Coleshill	WM	Cadent	✓ -	- ✓	- ✓	-
St. Athan	WS	Wales & West Utilities	✓	✓	✓	-
London Heathrow	EA NT SE	Cadent Cadent Southern Gas Networks	✓	✓	✓	Discussions are ongoing to assess any potential impacts from a third runway
Southampton Oceanographic Institute	SO	Southern Gas Networks	✓	✓	✓	Located on the rooftop of the oceanography centre
Yeovilton Weather Station	SW	Wales & West Utilities	✓	✓	✓	A Defence funded site and therefore subject to decisions around closures as part of Defence Service review. Nothing is anticipated at this stage.

Gas Industry Weather Stations

- Reminder: Although Precipitation currently does not form part of the CWV calculation, Demand Estimation team is receiving precipitation data in anticipation of future analysis.
- Precipitation data is being sourced for all LDZs from the same weather station used to collect Temperature data (see previous slide), excluding LDZ SO, for which precipitation data is being sourced from Middle Wallop weather station.
- Key Point: There are no anticipated upcoming station closures or any issues which may cause major disruptions to weather data flows.