



delivered by  correla

Demand Estimation Sub Committee

3.0 Weather Station Review

19 July 2023

Objectives

- To review current list of weather stations used in Demand Estimation processes
- Seek any insight DESC may be aware of, in relation to the status of existing weather stations
- Reminder of weather stations used for all weather variables following the design and implementation of CWV basis on 01 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	Temperature	Windspeed	Solar Radiation	Precipitation	Commentary
Glasgow Bishopton	SC	✓	✓	✓	✓	
Albemarle Barracks	NO	✓	✓	-	✓	
Durham	NO	-	-	✓	-	
Rostherne No 2	NW	✓	✓	✓	✓	
	WN					
Nottingham Watnall	NE	✓	✓	✓	✓	
	EM					
Birmingham Winterbounre	WM	✓	-	-	✓	
Coleshill	WM	-	✓	✓	-	
St Athan	WS	✓	✓	✓	✓	
London Heathrow	EA					Discussions are ongoing to assess any potential impacts from a third runway. No issues at this time
	NT	✓	✓	✓	✓	
	SE					
Southampton Oceanographic Institute	SO	✓	✓	✓	-	Located on the rooftop of the oceanography center
Middle Wallop	SO	-	-	-	✓	
Yeovilton	SW	✓	✓	✓	-	Defence funded site and therefore subject to decision around closures as part of Defence Service review. No issues anticipated at this time

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.
- Key Point: There are no anticipated upcoming station closures or any issues which may cause major disruptions to weather data flows