Measurement Error Register

Unique Reference Number	DN Reference	Description	Offtake	LDZ	Downstream Transporter	Significance Low <30GWH Medium >=30<50GWh High >=50GWh	Declared volume of error (MCM)	Estimated quantity of error (GWh)	Over or Under Read?	Discovered	Error First Notified	First Gas Day Where Error Present or;	Last Known Good Gas Day	Last Gas Day Where Error Present	Latest Notification Update	Latest Error Status	Live/ Closed	Invoice issued by Xoserve
EA020	MER/CAD/219/22	Westry BNEF has a single 2" Sick FlowSic500 ultrasonic meter stream for measurement of gas exiting the grid entry unit (GEU) and entering the distribution network (referred to as Fiscal USM). A second 2" Sick FlowSic500 ultrasonic meter is located on the inlet to the GEU for process control (referred to in this report as Inlet USM). Propane injection is used to control the gas properties (e.g. calorific value, Wobbe number, etc.) to meet the requirements of the Gas Safety (Management) Regulations (GS(M)R). Gas that is not within specification is rejected by a diverter valve. During normal operation the Fiscal USM will read	Westry	EA	Cadent	Low	0.016510	0.180000		13/08/2022	29/05/2022	29/05/2022	28/05/2022	23/08/2022	18/01/2023	MER Published	Live	
EA022	MER/CAD/233/23	Erroneous readings on Fiscal meter	Barnes Farm	EA	Cadent	Low	0.001462	0.016000		30/11/2022	30/11/2022	30/11/2022	TBC	13/02/2023	22/03/2023	MER Published	Live	
EA023	MER/CAD/237/23	Erroneous readings on Fiscal meter	Biodynamic Nottingham	EA	Cadent	Low	0.002247	0.000000		03/09/2022	03/09/2022	03/09/2022		04/09/2022	11/07/2023	MER Published	Live	
EA024	MER/CAD/247/23	Intermittent flow on USM	Westry	EA	Cadent	TBC	TBC	TBC	TBC	11/04/2023	11/04/2023	11/04/2023	TBC	TBC	18/01/2023	Error Notified	Live	
EM010	MER/CAD/211/21	Drift of ultrasonic meter flow readings	Hemswell Cliff	EM	Cadent Gas Limited – DN (EM)	Low	0.27543	3		10/05/2021	13/09/2021	20/09/2019	N/A	11/05/2021	16/02/2022	Awaiting First Available Invoice	Live	
EM017	MER/CAD/248/23	Intermittent flow on USM - Propane contamination	Stanton Bio	EM	Cadent	TBC	TBC	TBC	TBC	14/06/2023	14/06/2023	14/06/2023		24/09/2023	20/11/2023	MER in Compilation	Live	
NW016	MER/CAD/261/23	Config changed inadvertently, Orifice plate diameter (d) was updated to revert back to size used before the last ME2	Weston Point MTB	NW	Cadent Gas Limited - DN	Low	TBC	TBC	0	11/08/2023	11/08/2023	13/06/2023	13/06/2023	11/08/2023	20/11/2023	Error Notified	Live	
SE007		Temperature transmitter output range incorrectly set	Isle of Grain	SE	Southern Gas Networks Plc	High	7.91	85.63		12/02/2019		19/06/2018	12/02/2019	12/02/2019	23/06/2021	MER Published	Live	24/08/2011
SW038	MER/WWU/SW038	Human error led to entering K-Factors and frequencies for both streams into the Omni flow computer incorrectly	Easton Grey MTA	SW	Wales & West Utilities - DN	Low	0.520000	5.490000		02/03/2023	21/04/2023	15/06/2020		18/04/2023	21/04/2023	MER Published	Live	
SW039	MER/WWU/SW039	Data entry correction following meter flow signal failure.	Cirencester MRA	SW	Wales & West Utilities - DN	Low	0.199460	2.170000		09/01/2023	28/04/2023	09/01/2023		09/03/2023	28/04/2023	MER Published	Live	
WM019	MER/CAD/203/19	When the metering system was commissioned, the calibration data entered into the flow computer was that of the atmospheric calibration, as opposed to the high-pressure natural gas calibration, which lead to a previous measurement error (Refer to MER WM015). On 1st September 2015 the high-pressure natural gas calibration data was entered into the flow computer to correct the error, however one calibration point was entered incorrectly. This error was identified during the production of MER WM015 and subsequently corrected on 25th January 2019.	Minworth	WM	Cadent	Low	TBC	TBC		01/09/2015	02/11/2018	24/09/2014	24/09/2014	01/09/2015	28/01/2021	Closed / No Rec Required	Live	
WM021	MER/CAD/209/21	An incorrectly calculated fixed factor for carbon dioxide was entered into the flow computer configuration.	Atherstone MRA/MRB Combined	WM	Cadent Gas Limited – DN (WM)	Low	Null	Null		27/04/2021	02/12/2021	08/02/2021		02/07/2021	02/12/2021	Closed / No Rec Required	Live	
WM022	MER/CAD/210/21	An incorrectly calculated fixed factor for carbon dioxide was entered into the flow computer configuration.	Leamington MRA/MRB Combined	WM	Cadent Gas Limited – DN	Low	Null	Null		27/04/2021	02/12/2021	22/01/2021		06/08/2021	02/12/2021	Closed / No Rec Required	Live	
WM026	MER/CAD/214/22	Intermittent flow on USM	Lower Drayton Farm	WM	Cadent Gas Limited – DN (WM)	Low	0.000022	0.0002	0	03/31/2022	03/31/2022	08/03/2022		08/03/2022	20/11/2023	Closed / No Rec Required	Live	
WM027	MER/CAD/238/23	Disrepency found between metering system and RTU.	Atherstone MRA MRB Combined	WM	Cadent Gas Limited – DN (WM)	not provided	TBC	TBC		08/06/2023	08/06/2023	TBC		TBC	14/06/2023	Error Notified	Live	
WM028	MER/CAD/228/22	Intermittent flow on USM - Propane contamination	Strongford	WM	Cadent	Low	0.001793	0.020000		28/09/2022	28/09/2022	12/05/2022		01/10/2022	22/03/2023	MER Published	Live	
WM029	MER/CAD/230/22	Intermittent flow on USM	Finham	WM	Cadent	Low	0.001454	0.016000		13/12/2022	13/12/2022	13/12/2022		20/03/2023	11/07/2023	MER Published	Live	
WM030	MER/CAD/227/22	Intermittent flow on USM - Propane contamination	Brinklow	WM	Cadent	Low	0.000020	0.000000		29/11/2022	29/11/2022	25/11/2022		26/11/2022	22/03/2023	MER Published	Live	
WM031	MER/CAD/259/23	Sick flow computer failed due internal electronic fault	Atherstone MRB	WM	Cadent		TBC	TBC		19/10/2023	24/10/2023	13/10/2023	TBC	TBC	24/10/2023	Error Notified	Live	
WM032	MER/CAD/260/23	K Factors incorrectly updated in Flow Computer following upgrade of Flow Computer on site	Lower Quinton UMA/UMB Combined	WM	Cadent Gas Limited – DN	Low	TBC	TBC	TBC	28/07/2023	28/07/2023	05/09/2022	05/09/2022	28/07/2023	07/11/2023	Error Notified	Live	
WM033	MER/CAD/265/23	Isentropic Exponent entered incorrectly into OMNI should during previous ME/2	Alrewas WM MTA/MTB Combined	WM	Cadent Gas Limited - DN		TBC	TBC	TBC	13/11/2023	13/11/2023	23/05/2023	22/05/2023	13/11/2023	13/11/2023	Error Notified	Live	
WN004	MER/WWU/WN004	Human error led to entering K-Factors and frequencies for both streams into the Omni flow computer incorrectly Compilied meter error calculated at 0.035%, this MER is a Null report.	Maelor MUA	WN	Wales & West Utilities - DN	Low	0.420000	8.800000		05/04/2023	26/06/2023	15/03/2021		27/04/2023	26/06/2023	Awaiting First Available Invoice	Live	TBC