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 DNEP 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 slightly higher (~49 Sm3/h) than the Inlet USM due to the addition of propane.	Westry	EA	Cadent	Low	0.016510	0.180000	TBC	13/08/2022	29/05/2022	29/05/2022	28/05/2022	23/08/2022	18/01/2023	MER Published	Live	
EA024	MER/CAD/247/23	Intermittent flow on USM	Westry	EA	Cadent	not provided	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	TBC	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	
EM018	MER/CAD/257/23	Multiple flow errors received between Spet 23 and Dec 23 - Propane injection is used to control the gas properties (e.g. calorific value, Wobbe number, etc.) Contamination on the Fiscal ultrasonic meter transducers, likely from the propane injection system, has caused the meter to read erroneously.	Derby	EM	Cadent Gas Limited – DN (EM)	Low	0.000455	0	0.00393	02/09/2023	02/09/2023	02/09/2023	00/01/1900	11/12/2023	14/03/2024	MER Published	Live	
NO018	MER NO018	Temprature error	Humbleton MRA	NO	Northern Gas Networks – DN	Low	0.00178961	0.20229507	Under	29/01/2023	19/02/2023	09/06/2024		29/01/2023	19/02/2024	Error Notified	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	TBC	11/08/2023	11/08/2023	13/06/2023	13/06/2023	11/08/2023	20/11/2023	Error Notified	Live	
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	TBC	02/03/2023	21/04/2023	15/06/2020		18/04/2023	21/04/2023	MER Published	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	TBC	08/06/2023	08/06/2023	TBC		TBC	14/06/2023	Error Notified	Live	
WM030	MER/CAD/227/22	Intermittent flow on USM - Propane contamination	Brinklow	WM	Cadent	Low	0.000020	0.000000	TBC	29/11/2022	29/11/2022	25/11/2022		26/11/2022	14/03/2024	MER Published	Live	
WM031	MER/CAD/259/23	Sick flow computer failed due internal electronic fault	Atherstone MRB	WM	Cadent	not provided	TBC	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	not provided	TBC	TBC	TBC	13/11/2023	13/11/2023	23/05/2023	22/05/2023	13/11/2023	13/11/2023	Error Notified	Live	