

Wales & West Utilities Ltd LDZ Shrinkage and Leakage Report

1st April 2024 – 31st March 2025 as required under Licence Special Condition 4.4

Version 0.3

July 2025



Contents

1. Executive Summary3

2. Actual Shrinkage and Leakage Volumes.....4

1. Executive Summary

This is a report, as required under Licence Special Condition 4.4 setting out the actual leakage volume and actual shrinkage volume as calculated in accordance with the Shrinkage and Leakage Model for each Local Distribution Zone (LDZ) within Wales & West Utilities.

The Shrinkage and Leakage Model used is the latest approved version by Ofgem. The current version being v1.4 which was approved on 16th September 2014.

Please note the values contained within this document have been rounded to an appropriate level of accuracy. This may cause immaterial discrepancies between the totals presented within this document and the summation of their constituent parts, however each individual figure is correct in its rounded form.

2. Actual Shrinkage and Leakage Volumes

Table 1 Leakage and Shrinkage per LDZ (GWh)

LDZ	Actual Total Leakage (GWh)	Actual Total Shrinkage (GWh)
Wales North	37.96	39.79
Wales South	73.88	80.27
South West	160.50	168.68
Network Total	272.34	288.73

Table 2 Low Pressure Leakage

LDZ	Low Pressure				
	Metallic Mains Length (km)	Average System Pressure – All PE networks excluded (mbar)	MEG Saturation	No. Customers	Leakage (GWh)
Wales North	413	29.66	-	257,070	13.92
Wales South	1,160	29.14	-	832,020	42.07
South West	2,986	28.83	-	1,478,253	112.37
Network Total	4,559	29.00¹	-	2,567,343	168.36

Table 3 Medium Pressure Leakage

Medium Pressure		
	Metallic Mains Length (km)	Leakage (GWh)
Wales North	76	3.16
Wales South	249	9.07
South West	696	17.70
Network Total	1,021	29.93

¹ Weighted average from Shrinkage and Leakage Model
July 2025

Table 4 Above Ground Installation and Interference

AGI					Interference	
	No. Sites	Leakage (GWh)	Venting (GWh)	AGI Total (GWh)	No. of Incidents	Leakage (GWh)
Wales North	648	9.42	11.35	20.77	189	0.12
Wales South	1,114	12.57	9.94	22.51	288	0.23
South West	15,998	19.92	9.89	29.81	820	0.62
Network Total	17,760	41.91	31.17	73.09	1,297	0.97

Table 5 Theft of Gas

LDZ	Theft of Gas (GWh)
Wales North	1.17
Wales South	4.08
South West	5.23
Network Total	10.47

Table 6 Own Use Gas

LDZ	Own Use Gas (GWh)
Wales North	0.66
Wales South	2.31
South West	2.95
Network Total	5.92