

Historical Wind Dispatch Down (Constraint and Curtailment) Percentages for Ireland (IE), Northern Ireland (NI) and All Island (AI)																																													
	2011			2012			2013			2014			2015			2016			2017			2018			2019			2020			2021			2022			2023			2024			2025		
Month	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI	NI	IE	AI			
Jan	0.0%	0.8%	0.6%	0.5%	2.2%	1.9%	0.7%	0.4%	0.5%	2.9%	4.9%	4.5%	4.3%	4.3%	4.3%	3.4%	3.5%	3.5%	2.4%	1.9%	2.0%	5.7%	3.5%	3.9%	9.7%	3.8%	5.1%	12.3%	9.0%	9.8%	5.2%	5.3%	5.3%	8.6%	9.1%	8.9%	14.1%	9.9%	10.8%	18.2%	6.2%	8.6%	15.0%	4.6%	6.4%
Feb	0.0%	0.6%	0.5%	0.2%	2.8%	2.2%	0.3%	0.7%	0.6%	3.2%	3.7%	3.6%	4.6%	4.1%	4.2%	2.3%	3.3%	3.1%	2.0%	1.7%	1.7%	2.9%	2.0%	2.2%	10.7%	6.8%	7.7%	17.4%	12.3%	13.4%	11.5%	10.2%	10.5%	8.0%	8.1%	8.1%	8.3%	4.9%	5.6%	23.9%	6.9%	10.2%	19.2%	5.9%	8.4%
Mar	2.7%	1.8%	2.0%	0.8%	2.4%	2.0%	0.6%	0.3%	0.3%	1.8%	4.0%	3.5%	11.4%	8.0%	8.8%	0.9%	2.4%	2.1%	3.0%	3.4%	3.3%	5.9%	4.4%	4.7%	11.8%	9.2%	9.8%	14.5%	10.7%	11.4%	9.8%	12.8%	12.2%	6.0%	7.4%	7.1%	11.1%	6.1%	6.9%	25.3%	6.3%	9.8%	17.4%	6.0%	8.2%
Qtr1	0.7%	1.0%	0.9%	0.5%	2.4%	2.0%	0.6%	0.4%	0.5%	2.7%	4.2%	3.9%	6.9%	5.4%	5.8%	2.4%	3.2%	3.0%	2.4%	2.3%	2.4%	4.9%	3.3%	3.6%	10.8%	6.8%	7.7%	14.9%	10.9%	11.7%	9.4%	9.7%	9.6%	7.7%	8.2%	8.1%	11.3%	7.1%	7.9%	22.5%	6.5%	9.6%	17.5%	5.5%	7.7%
Apr	1.3%	1.2%	1.3%	0.2%	1.4%	1.2%	2.6%	4.7%	4.3%	1.8%	4.2%	3.7%	2.8%	1.8%	2.0%	0.8%	1.4%	1.3%	4.2%	3.5%	3.6%	19.2%	7.4%	9.8%	11.4%	9.0%	9.6%	21.8%	9.0%	11.8%	4.7%	2.1%	2.5%	6.5%	5.5%	5.7%	13.1%	6.0%	7.3%	39.4%	14.5%	19.5%	21.8%	10.1%	12.3%
May	2.2%	3.5%	3.2%	0.6%	1.6%	1.4%	3.7%	6.1%	5.6%	1.5%	2.8%	2.5%	3.8%	4.5%	4.3%	1.1%	1.2%	1.2%	3.6%	3.5%	3.5%	6.1%	4.7%	5.0%	3.8%	4.1%	4.0%	19.8%	12.6%	13.9%	10.1%	11.8%	11.5%	6.7%	10.2%	9.4%	5.5%	2.9%	3.3%	22.1%	4.2%	8.0%	34.0%	13.9%	17.4%
Jun	0.4%	0.8%	0.7%	0.4%	4.0%	3.3%	1.9%	3.7%	3.4%	0.6%	3.3%	2.7%	4.2%	5.0%	4.8%	0.3%	0.7%	0.7%	4.7%	3.9%	4.1%	11.0%	8.0%	8.6%	11.2%	5.6%	6.7%	26.2%	15.4%	17.5%	2.1%	2.4%	2.4%	13.1%	10.1%	10.7%	5.2%	3.3%	3.6%	31.0%	10.1%	14.7%	29.3%	15.4%	18.1%
Qtr2	1.6%	2.3%	2.2%	0.4%	2.2%	1.9%	2.9%	5.0%	4.6%	1.5%	3.4%	3.0%	3.7%	3.9%	3.8%	0.8%	1.2%	1.1%	4.2%	3.7%	3.8%	13.0%	6.6%	8.0%	9.4%	6.6%	7.2%	22.7%	12.7%	14.6%	6.0%	6.1%	6.1%	8.6%	8.6%	8.6%	9.2%	4.4%	5.3%	32.5%	10.7%	15.2%	27.9%	13.2%	15.9%
Jul	0.2%	3.3%	2.8%	0.5%	1.9%	1.6%	0.8%	4.2%	3.4%	1.6%	3.9%	3.4%	2.8%	3.8%	3.7%	6.2%	2.3%	3.1%	4.4%	2.8%	3.2%	2.1%	1.9%	2.0%	8.2%	3.8%	4.8%	12.4%	9.2%	9.8%	5.9%	0.5%	1.2%	11.4%	3.2%	5.0%	28.2%	11.5%	14.4%	38.7%	6.6%	12.8%	14.1%	8.3%	9.3%
Aug	0.0%	0.7%	0.5%	4.0%	4.2%	4.1%	2.4%	5.4%	4.7%	3.8%	3.5%	3.6%	5.0%	5.8%	5.6%	7.0%	4.6%	5.0%	3.1%	2.8%	2.9%	5.8%	2.2%	3.0%	15.2%	8.4%	9.8%	14.4%	11.4%	11.9%	7.0%	7.1%	7.1%	8.9%	3.5%	4.6%	19.5%	7.7%	9.9%	43.4%	22.5%	26.9%			
Sep	2.4%	3.9%	3.7%	0.4%	4.8%	3.7%	0.5%	4.2%	3.3%	0.1%	2.2%	1.8%	1.5%	2.7%	2.5%	5.8%	5.6%	5.6%	4.2%	5.4%	5.1%	13.1%	5.5%	7.4%	8.4%	8.2%	8.2%	9.0%	9.0%	9.0%	7.5%	5.5%	5.9%	8.1%	7.0%	7.2%	25.4%	11.1%	13.8%	30.6%	10.1%	13.9%			
Qtr3	1.5%	3.1%	2.8%	1.5%	3.8%	3.3%	1.3%	4.6%	3.9%	2.4%	3.3%	3.1%	3.1%	4.1%	3.9%	6.3%	4.6%	4.8%	3.9%	3.9%	3.9%	8.7%	3.6%	4.8%	11.0%	7.3%	8.0%	11.6%	9.8%	10.2%	7.1%	5.1%	5.4%	9.4%	4.8%	5.8%	24.3%	10.1%	12.7%	38.5%	14.8%	19.4%	14.1%	8.3%	9.3%
Oct	2.4%	4.7%	4.3%	0.0%	0.3%	0.2%	1.6%	5.9%	5.0%	4.5%	8.2%	7.4%	4.2%	3.8%	3.9%	1.9%	1.8%	1.8%	14.6%	9.2%	10.6%	10.2%	6.9%	7.7%	7.4%	6.4%	6.6%	12.4%	13.9%	13.6%	9.7%	8.0%	8.4%	13.8%	11.8%	12.2%	27.4%	8.9%	13.2%	22.0%	11.2%	13.3%			
Nov	1.2%	2.3%	2.1%	0.1%	1.0%	0.8%	4.0%	3.0%	3.2%	2.0%	3.2%	3.0%	6.9%	6.8%	6.9%	2.7%	1.0%	1.3%	3.2%	2.5%	2.6%	10.2%	5.2%	6.4%	7.4%	3.9%	4.5%	12.8%	13.4%	13.3%	6.4%	6.1%	6.2%	11.3%	9.3%	9.7%	20.7%	10.0%	11.7%	19.1%	8.6%	10.6%			
Dec	0.7%	2.2%	1.9%	0.8%	2.8%	2.5%	2.0%	4.4%	3.8%	4.5%	5.0%	4.9%	6.2%	6.3%	6.3%	3.8%	3.1%	3.3%	5.3%	2.5%	3.1%	14.9%	7.2%	8.9%	16.2%	9.6%	11.0%	9.8%	9.7%	9.7%	6.4%	5.4%	5.6%	10.3%	7.5%	7.9%	28.0%	15.2%	17.6%	38.4%	10.9%	16.6%			
Qtr4	1.4%	2.9%	2.6%	0.4%	1.6%	1.4%	2.4%	4.5%	4.0%	3.9%	5.7%	5.3%	6.1%	6.0%	6.0%	3.0%	2.1%	2.3%	8.5%	4.9%	5.7%	11.7%	6.4%	7.7%	11.1%	6.9%	7.8%	11.6%	12.3%	12.2%	7.5%	6.4%	6.6%	11.9%	9.7%	10.1%	26.0%	12.1%	14.8%	28.4%	10.4%	14.0%			
Year Total DD	1.3%	2.4%	2.2%	0.7%	2.5%	2.1%	1.9%	3.5%	3.2%	2.8%	4.4%	4.1%	5.3%	5.1%	5.1%	3.2%	2.8%	2.9%	5.0%	3.7%	4.0%	9.4%	5.0%	6.0%	10.7%	6.9%	7.7%	14.8%	11.4%	12.1%	7.8%	7.3%	7.4%	9.4%	8.3%	8.5%	18.6%	8.9%	10.7%	29.6%	10.1%	14.0%	21.0%	8.6%	10.8%
Constraints	0.3%	0.5%	0.4%	0.3%	0.9%	0.8%	0.5%	1.0%	0.9%	1.0%	1.5%	1.4%	1.9%	1.8%	1.8%	1.3%	1.4%	1.4%	1.9%	1.0%	1.2%	4.0%	1.7%	2.2%	4.7%	3.8%	4.0%	6.6%	6.1%	6.2%	4.2%	4.5%	4.4%	5.8%	4.8%	5.0%	14.1%	4.2%	6.1%	26.4%	5.1%	9.3%	18.1%	4.2%	6.8%
Curtailments	1.1%	2.0%	1.8%	0.4%	1.5%	1.3%	1.3%	2.5%	2.3%	1.8%	2.9%	2.6%	3.4%	3.3%	3.3%	1.9%	1.4%	1.5%	3.1%	2.6%	2.7%	5.4%	3.3%	3.8%	6.0%	3.1%	3.7%	8.2%	5.3%	5.9%	3.6%	2.8%	3.0%	3.6%	3.5%	3.5%	4.5%	4.7%	4.7%	3.2%	5.0%	4.7%	2.8%	4.3%	4.1%
Wind Installed Capacity (MW)	512	1,621	2,133	600	1,749	2,349	640	1,924	2,564	729	2,268	2,997	751	2,447	3,198	943	2,795	3,738	1,154	3,303	4,456	1,276	3,668	4,944	1,276	4,113	5,390	1,276	4,323	5,600	1,351	4,333	5,683	1,351	4,528	5,878	1,364	4,731	6,096	1,387	4,934	6,330			
Wind Generation (GWh)	943	4,256	5,198	1,020	4,102	5,122	1,259	4,642	5,901	1,453	5,116	6,568	1,803	6,537	8,339	1,725	6,115	7,840	2,051	7,229	9,280	2,391	8,685	11,076	2,462	9,532	11,994	2,630	11,138	13,768	2,168	9,527	11,695	2,781	10,895	13,676	2,335	11,422	13,757	2,143	11,145	13,288			
Wind Capacity Factors	21%	30%	28%	21%	28%	26%	23%	29%	27%	24%	28%	27%	28%	32%	31%	23%	27%	26%	22%	27%	26%	22%	28%	27%	22%	28%	27%	24%	30%	29%	19%	25%	24%	24%	28%	27%	20%	28%	26%	18%	26%	24%			
SNSP Limit	50%			50%			50%			50%			55% Trial from Oct			55% Perm from Mar 60% Trial from Nov			60% Perm from Mar 65% Trial from Nov			65% Perm from Apr			65%			65%			70% Trial from Jan 70% Perm from Apr 75% Trial from Apr			75% Perm from Apr			75%			75%					

For any queries on the data in this report, please contact: [RenewableReports@EirGrid.com](mailto:RenewableReports@EirGrid.com)

**Notes:**

"Dispatch Down" consists of constraints + curtailments. All wind figures included (controllable + non-controllable).

The darker shaded cells indicate higher dispatch-down percentages in order to produce a graphical representation similar to a heat map.

A more accurate methodology for calculating wind dispatch down was implemented from 2016. Figures from previous years are best estimates.

Wind installed capacities, generation and capacity factors are indicative and based on the latest available information.

SNSP (System Non-Synchronous Penetration) is the sum of non-synchronous generation (such as wind, solar and HVDC imports) as a percentage of total demand and exports.

When the SNSP limit is raised, a trial period takes place before it becomes permanent. During the trial period, the system is operated at this increased SNSP limit except in times of extreme system events or during system testing.

For more information see our annual and monthly dispatch down reports on: <https://www.eirgrid.ie/grid/system-and-renewable-data-reports/> or: <https://www.soni.ltd.uk/grid/system-and-renewable-data-reports/>

			2024																
			Jan	Feb	Mar	Qtr1	Apr	May	Jun	Qtr2	Jul	Aug	Sep	Qtr3	Oct	Nov	Dec	Qtr4	2024
Wind	AI	Dispatch Down	8.6%	10.2%	9.8%	9.6%	19.5%	8.0%	14.7%	15.2%	12.8%	26.9%	13.9%	19.4%	13.3%	10.6%	16.6%	14.0%	14.0%
		Constraints	4.4%	6.1%	6.3%	5.7%	8.4%	5.3%	11.6%	8.6%	11.9%	21.3%	8.9%	15.1%	9.9%	6.4%	11.3%	9.6%	9.3%
		Curtailments	4.2%	4.1%	3.5%	3.9%	11.1%	2.7%	3.1%	6.6%	0.9%	5.6%	5.0%	4.3%	3.5%	4.1%	5.3%	4.4%	4.7%
	IE	Dispatch Down	6.2%	6.9%	6.3%	6.5%	14.5%	4.2%	10.1%	10.7%	6.6%	22.5%	10.1%	14.8%	11.2%	8.6%	10.9%	10.4%	10.1%
		Constraints	1.9%	2.3%	2.8%	2.3%	3.0%	1.3%	6.3%	3.6%	5.6%	16.2%	4.6%	9.9%	7.8%	4.4%	4.7%	5.6%	5.1%
		Curtailments	4.4%	4.6%	3.5%	4.1%	11.6%	2.9%	3.8%	7.1%	1.0%	6.3%	5.5%	4.8%	3.4%	4.2%	6.2%	4.8%	5.0%
	NI	Dispatch Down	18.2%	23.9%	25.3%	22.5%	39.4%	22.1%	31.0%	32.5%	38.7%	43.4%	30.6%	38.5%	22.0%	19.1%	38.4%	28.4%	29.6%
		Constraints	14.7%	22.0%	21.9%	19.6%	29.9%	19.8%	30.5%	27.6%	38.2%	40.4%	28.0%	36.2%	18.3%	15.6%	36.5%	25.5%	26.4%
		Curtailments	3.5%	1.9%	3.4%	2.9%	9.5%	2.3%	0.5%	4.9%	0.5%	3.0%	2.6%	2.3%	3.7%	3.6%	1.9%	2.9%	3.2%
Solar	AI	Dispatch Down	4.6%	3.9%	8.8%	6.5%	13.1%	3.0%	7.6%	7.6%	3.9%	11.1%	6.8%	7.3%	4.7%	3.8%	10.3%	5.5%	7.1%
		Constraints	1.2%	1.2%	2.5%	1.8%	2.4%	1.8%	3.9%	2.8%	2.7%	6.3%	3.8%	4.3%	1.8%	0.9%	4.1%	2.0%	3.2%
		Curtailments	3.4%	2.7%	6.3%	4.7%	10.8%	1.3%	3.7%	4.8%	1.2%	4.9%	3.1%	3.0%	2.9%	2.9%	6.2%	3.5%	3.9%
	IE	Dispatch Down	3.4%	3.5%	7.7%	5.6%	12.1%	1.5%	5.8%	6.1%	1.8%	7.9%	5.7%	5.0%	3.6%	3.2%	8.5%	4.4%	5.3%
		Constraints	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	1.5%	0.7%	0.4%	2.5%	2.2%	1.6%	0.6%	0.1%	1.4%	0.6%	1.0%
		Curtailments	3.4%	3.5%	7.6%	5.6%	12.0%	1.3%	4.3%	5.4%	1.4%	5.4%	3.5%	3.4%	3.0%	3.1%	7.1%	3.8%	4.3%
	NI	Dispatch Down	11.9%	5.3%	12.8%	10.2%	18.3%	10.8%	17.8%	15.6%	18.8%	33.1%	13.0%	22.1%	11.8%	8.5%	21.8%	12.9%	16.9%
		Constraints	8.3%	5.0%	11.5%	9.0%	13.7%	9.9%	17.2%	13.7%	18.3%	32.0%	12.3%	21.3%	9.8%	6.5%	21.2%	11.3%	15.6%
		Curtailments	3.6%	0.2%	1.3%	1.3%	4.6%	1.0%	0.6%	1.9%	0.5%	1.1%	0.8%	0.8%	1.9%	2.0%	0.5%	1.7%	1.4%
All Renewables	AI	Dispatch Down	7.4%	8.8%	8.7%	8.3%	16.8%	6.2%	12.2%	12.6%	10.2%	24.0%	12.3%	16.8%	11.7%	9.2%	15.0%	12.4%	12.1%
	IE	Dispatch Down	5.4%	5.9%	5.6%	5.7%	12.5%	3.3%	8.5%	8.9%	5.3%	20.1%	9.2%	12.8%	9.9%	7.5%	9.9%	9.2%	8.8%
	NI	Dispatch Down	16.1%	21.1%	22.2%	19.9%	34.2%	17.6%	25.6%	27.0%	29.7%	38.4%	25.0%	32.2%	19.2%	16.3%	34.8%	25.0%	25.5%

			2025																
			Jan	Feb	Mar	Qtr1	Apr	May	Jun	Qtr2	Jul	Aug	Sep	Qtr3	Oct	Nov	Dec	Qtr4	2025
Wind	AI	Dispatch Down	6.4%	8.4%	8.2%	7.7%	12.3%	17.4%	18.1%	15.9%	9.3%			9.3%					10.8%
		Constraints	4.1%	5.4%	6.2%	5.2%	6.2%	10.0%	11.5%	9.2%	6.3%			6.3%					6.8%
		Curtailments	2.3%	3.0%	2.0%	2.5%	6.1%	7.4%	6.6%	6.7%	3.0%			3.0%					4.1%
	IE	Dispatch Down	4.6%	5.9%	6.0%	5.5%	10.1%	13.9%	15.4%	13.2%	8.3%			8.3%					8.6%
		Constraints	2.1%	2.8%	3.7%	2.9%	3.8%	6.0%	7.8%	6.0%	5.3%			5.3%					4.2%
		Curtailments	2.5%	3.0%	2.2%	2.6%	6.3%	7.8%	7.6%	7.2%	3.0%			3.0%					4.3%
	NI	Dispatch Down	15.0%	19.2%	17.4%	17.5%	21.8%	34.0%	29.3%	27.9%	14.1%			14.1%					21.0%
		Constraints	13.7%	16.4%	16.5%	15.6%	16.2%	28.8%	27.0%	23.6%	11.1%			11.1%					18.1%
		Curtailments	1.3%	2.8%	1.0%	1.8%	5.6%	5.2%	2.3%	4.2%	3.1%			3.1%					2.8%
Solar	AI	Dispatch Down	4.3%	9.9%	6.7%	7.1%	14.5%	12.7%	16.2%	14.3%	10.1%			10.1%					12.1%
		Constraints	2.7%	3.3%	3.4%	3.2%	7.6%	8.6%	8.6%	8.3%	6.9%			6.9%					7.0%
		Curtailments	1.6%	6.6%	3.4%	3.9%	6.8%	4.1%	7.6%	6.0%	3.2%			3.2%					5.0%
	IE	Dispatch Down	3.5%	9.4%	6.5%	6.7%	14.6%	12.7%	16.1%	14.4%	10.6%			10.6%					12.1%
		Constraints	1.9%	2.4%	2.8%	2.6%	7.6%	8.3%	7.8%	7.9%	7.3%			7.3%					6.7%
		Curtailments	1.6%	7.0%	3.6%	4.1%	7.1%	4.5%	8.3%	6.5%	3.3%			3.3%					5.4%
	NI	Dispatch Down	10.8%	14.3%	8.7%	10.6%	13.0%	12.2%	17.3%	13.9%	4.6%			4.6%					11.7%
		Constraints	9.2%	10.5%	7.6%	8.7%	8.0%	11.5%	16.3%	11.8%	3.0%			3.0%					9.7%
		Curtailments	1.6%	3.8%	1.1%	1.9%	5.0%	0.6%	1.0%	2.1%	1.6%			1.6%					2.0%
All Renewables	AI	Dispatch Down	5.5%	7.7%	7.3%	6.9%	11.3%	14.6%	16.4%	14.2%								10.1%	
	IE	Dispatch Down	4.0%	5.5%	5.5%	5.0%	9.8%	12.2%	14.5%	12.2%								8.1%	
	NI	Dispatch Down	13.1%	17.4%	15.0%	15.4%	18.1%	26.5%	24.7%	22.9%								18.7%	