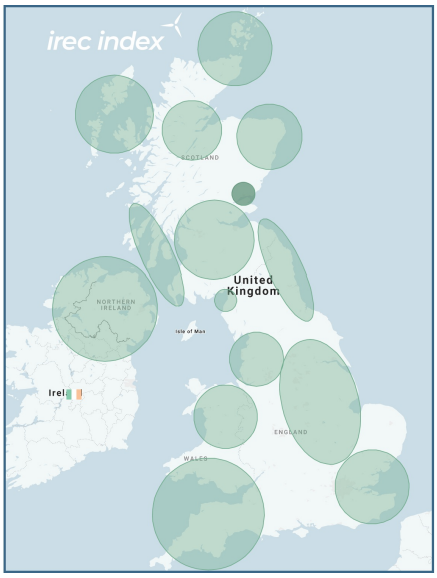


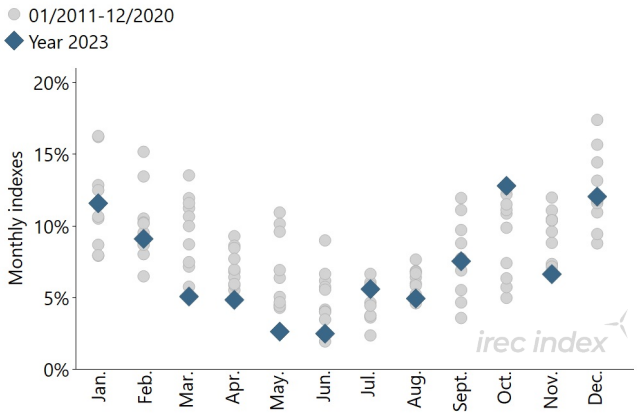
Monthly indexes - Year 2023

Long term reference period: 01/2011-12/2020

Type:	Wind energy index
Region:	Scotland-Dundee
ID:	GB07
Country:	United Kingdom
Issued in:	January 2025
Issued for:	Client
Contact:	Email

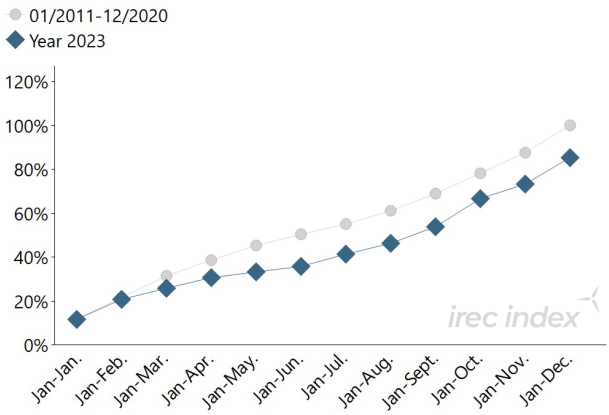
Monthly wind energy indexes

Month	Year 2023	LT average 2011-2020	Ratio
Jan.	11.6 %	11.5 %	101 %
Feb.	9.1 %	10.1 %	90 %
Mar.	5.1 %	9.8 %	52 %
Apr.	4.8 %	7.2 %	68 %
May	2.6 %	6.7 %	39 %
June	2.5 %	5.1 %	49 %
July	5.6 %	4.7 %	120 %
Aug.	4.9 %	6.1 %	81 %
Sep.	7.5 %	7.8 %	97 %
Oct.	12.8 %	9.3 %	138 %
Nov.	6.6 %	9.4 %	71 %
Dec.	12.0 %	12.5 %	96 %
Year	85.3 %	100.0%	85 %



Cumulated wind energy indexes (Year-to-date)

Period	Year 2023	LT average 2011-2020	Ratio
Jan. to Dec.	85.3 %	100.0 %	85 %



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worldwide energy indexes for
wind & solar asset management

Over **800 assets** monitored.
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Well-proven wind and solar energy indicators

irec indexes are monthly indicators that quantify the variation of the wind and solar resource over time. Available for onshore/offshore wind farms worldwide and PV plants, they offer essential insights for asset managers to check the actual production capacity of their portfolio.

Main applications for wind assets

- ✓ **Quantify production shortfall** due to lack of resource
  How windy was a given period compared to the long-term average ?
- ✓ **Explain the deviations** with the budget
  Which part of the deviation is due to the wind resource ?
- ✓ **Assess the actual P50** of your asset
  Which long-term production should I expect based on the current performance ?
- ✓ **Follow your portfolio** production capacity over time and detect performance drifts
  Which of my asset should be particularly looked at ?

Sample Dundee (Scotland) - Year-to-date wind energy index