



DS3: Renewable Data Workstream

OBJECTIVES

One of the work streams in the DS3 programme is to develop a repository for a range of renewable related data for the EirGrid Group.

The overall objective of this work stream is to develop a detailed library of information associated with the integration of renewable generation on an all-island basis. This information will feed in to a range of internal reports and external publications – both technical and non-technical. By necessity, the range of information required is broad and therefore cuts across the EirGrid Group; however, it can be broken into three general areas covering:

- a) Operational policy
- b) System records
- c) Renewable outlook

This work stream acts to reinforce the implementation of the DS3 programme by providing information to different stakeholders, both internal and external, to support key decisions. The majority of this information is for internal use only, and is designed primarily to help inform the development of Control Centre operational policies and tools.

While the specific outputs from this workstream will evolve, the main reports deemed important at this stage have been captured.

HIGH LEVEL PLAN

Task/Milestone	Purpose	Lead Responsibility	Timeline
Operational Policy (Internal Use Only)			
<ul style="list-style-type: none"> High Wind Reports 	All reports feed into frequency, voltage control, and general renewable portfolio management.	EirGrid & SONI TSOs	Ongoing
<ul style="list-style-type: none"> High Wind Reports into Annual Summary Report 		EirGrid & SONI TSOs	
<ul style="list-style-type: none"> High Wind Speed Shutdown Reports 		EirGrid & SONI TSOs	Ongoing
<ul style="list-style-type: none"> Wind Forecasting Reports 		EirGrid & SONI TSOs	Ongoing
System Records (Internal unless otherwise noted)			
<ul style="list-style-type: none"> Weekly Wind Reports 	The information in these reports will be collected and analysed to inform the development of Control Centre policies and tools	EirGrid & SONI TSOs	Ongoing
<ul style="list-style-type: none"> All-Island Wind and Fuel Mix Reports (External) 		EirGrid & SONI TSOs	Ongoing
<ul style="list-style-type: none"> Annual All-Island Wind and Fuel Mix Summary (External) 		EirGrid & SONI TSOs	Ongoing
<ul style="list-style-type: none"> Wind Records Repository 		EirGrid & SONI TSOs	Ongoing
<ul style="list-style-type: none"> Quarterly Wind Curtailment Reports 	This report will fulfil the requirement of EU Renewable Directive (2009/28/EC) and SI 147 in RoI.	EirGrid & SONI TSOs and CER, NIAUR	Quarterly
Renewable Outlook (External unless otherwise noted)			
<ul style="list-style-type: none"> All-Island RES Trajectory Report (Internal) 	Designed to provide an overview of wind farm developments expected over the coming years.	EirGrid & SONI TSOs	On-going
<ul style="list-style-type: none"> Contribute to the National Renewable Energy Action Plan (NREAP) 	Feed into NREAP with data on grid development, renewable trajectory, operational studies and administrative information related to Renewable integration.	DCENR	Update required in December 2012 and biennial thereafter
<ul style="list-style-type: none"> Annual Renewable Report 	Provide a high-level assessment of the current status, on-going work and future developments in the Renewable electricity space in Ireland and Northern Ireland.	EirGrid & SONI TSOs	Annually since Sept 2010.