



Controllability Status Update - Addendum to Policy for Implementing Scheduling and Dispatch Decisions SEM – 11 – 062

20 July 2012

1 INTRODUCTION

The SEM-11-062 decision paper¹ identified a three-level hierarchy classification for Wind Farm Power Stations (WFPS) in Ireland and Northern Ireland. This document outlines the list of all WFPS greater than 5MW on the EirGrid and SONI system. Each unit is categorised as level (i), (ii) or (iii) based on rationale set out in Addendum to policy for Implementing Scheduling & Dispatch Decisions². This list will continue to be updated on a monthly basis.

2 SUMMARY

The following summarises the updates since publication of Updated to Addendum on 14th of June 2012.

2.1 Wind Farms Connected in Ireland

Wind Farms connected in Ireland	18 November 2011	03 February 2012	01 March 2012	02 April 2012	10 May 2012	14 June 2012	20 July 2012
(i)	0MW	0MW	0MW	0MW	0MW	0MW	0MW
(ii)	626.15MW	854.35MW	865.4MW	890.7MW	890.7MW	879.2MW	877.6MW
(iii)	676.3MW	403MW	391.95MW	366.65MW	366.65MW	375.85MW	402.65MW

- Caherdowney has been added to category (ii). Carrowleagh is included in category (iii) as a commissioning unit. Installed capacity revised for the following Tournafulla II, Cronelea, Carrigannon, Corkermore, Meenachullalan, Garvagh Glebe, Garvagh Tullynahaw.

2.2 Wind Farms Connected in Northern Ireland

Wind Farms connected in Northern Ireland	18 November 2011	03 February 2012	01 March 2012	02 April 2012	10 May 2012	14 June 2012	20 July 2012
(i)	0MW	0MW	0MW	0MW	0MW	0MW	0MW
(ii)	242MW	198.5MW	198.5MW	198.5MW	213.5MW	213.5MW	269.6MW
(iii)	44.9MW	116MW	116MW	116MW	151.6MW	151.6MW	44.9MW

- Tappaghan, Curryfree, Slieve Kirk moved to category (ii).

2.3 Notes

1. Wind Farm Categorisation Policy Document:

<http://www.eirgrid.com/media/Wind%20Farm%20Controllability%20Categorisation%20Policy.pdf>

<http://www.soni.ltd.uk/upload/Wind%20Farm%20Controllability%20Categorisation%20Policy.pdf>

¹ <http://www.allislandproject.org/GetAttachment.aspx?id=5d635a6f-f9b4-494c-bd3a-722af770354c>

² <http://www.eirgrid.com/media/Implementing%20SEM%20Decision%20SEM%2011%20062%20in%20Real%20Time%20Operations%20ADDENDUM.pdf>



2. Since November 2011, EirGrid and SONI have written to and have been in discussions with each of the Category (iii) WFPS Owners to ascertain what steps are required to achieve Controllability and move to Category (ii). Over the next number of months EirGrid and SONI expects to move all existing units to Category (ii). Those units unable to meet Controllability in this period will be moved to Category (i) on 1st December 2012.
3. EirGrid is presently reviewing the tolerance of the standard³ applied for the availability signal and will be holding a workshop in Dublin on the 9th of August.
4. It is the responsibility of the WFPS to complete controllability testing in advance of December 1st. Incomplete testing due to system or wind conditions by December 1st 2012 will result in category (iii) WFPS moving to category (i).

³ <http://www.eirgrid.com/media/Quality%20Standard%20for%20Windfarm%20Active%20Power.pdf>

3 LIST OF WIND FARM POWER STATIONS AND ASSOCIATED HIERARCHY LEVEL

Wind Farms Connected in Ireland			
Wind Farm Name	Associated 110kV Station	Installed Capacity MW	Hierarchy
Ballywater	Crane	42	(ii)
Bindoo	Ratrussan	48	(ii)
Booltiagh	Booltiagh	19.5	(ii)
Clahane	Clahane	40	(ii)
Derrybrien	Agannygal	59.5	(ii)
Glanlee (Midas Gen unit)	Galnlee	32.45	(ii)
Gortahile	Carlow	20	(ii)
Lisheen	Lisheen	36	(ii)
Richfield	Wexford	27	(ii)
Sorne Hill 1 & 2	Sorne Hill	38.9	(II)
BEAM HILL	Trillick	14	(ii)
Coomagearlahy 1 (Kilgarvan)	Coomagearlahy	45	(ii)
Coomagearlahy 2 (Sillahertane)	Coomagearlahy	8.5	(ii)
Meentycat	Drumkeen	86.4	(ii)
Ballybane 1 & 2	Ballylickey	29.9	(ii)
Muingnaminanne	Tralee	14.8	(ii)
Coomagearlahy 3 (Inchincoosh)	Coomagearlahy	32.5	(ii)
Flughland	Sorne Hill	9.2	(ii)
Knockawarriga	Trien	22.5	(ii)
Castledockrell	Castledockrell	41.4	(ii)
Garvagh 1 (Glebe)	Garvagh	26	(ii)
Garvagh 2 (Tullynahaw)	Garvagh	22	(ii)
Ballincollig Hill	Tralee	13.3	(ii)
Grouse Lodge	Rathkeale	15	(ii)
Rathcahill	Rathkeale	12.5	(ii)
Dromdeeveen	Glenlara	28	(ii)
Tullynamoyle	Corderry	9.2	(ii)
Glenough	Cauteen	32.5	(ii)
Ballymartin	Waterford	6	(ii)
Kingsmountain 2 (Dunneil)	Cunghill	11.05	(ii)
Bawnmore	Macroon	25.3	(ii)
Caherdowney	Garrow	9.2	(ii)
Total Hierarchy (ii)		877.6	
Carrowleagh	Glenree	36.8	(iii) Commissioning
Coomacheo	Garrow	59.8	(iii) Controllability Works Outstanding
Dromada	Dromada	28.5	(iii) Controllability Works Outstanding
Mountain Lodge	Ratrussan	31.5	(iii) Controllability Works Outstanding
Boggeragh	Boggeragh	57	(iii) Controllability Works Outstanding
Drumlough Hill 2	Trillick	10.2	(iii) Controllability Works Outstanding
Corkermore	Binbane	10	(iii) Controllability Works Outstanding
Black Banks 2	Corderry	6.8	(iii) Controllability Works Outstanding

Lackan	Moy	6.9	(iii) Controllability Works Outstanding
Loughderryduff	Binbane	7.65	(iii) Controllability Works Outstanding
Meenachullalan	Binbane	13.8	(iii) Controllability Works Outstanding
Raheen Bar 2 (Derrynadivva)	Castlebar	8	(iii) Controllability Works Outstanding
Taurbeg	Glenlara	25.3	(iii) Controllability Works Outstanding
Carraigcannon	Boggerah	23	(iii) Controllability Works Outstanding
Cronelea 1	Carlow	6.9	(iii) Controllability Works Outstanding
Kealkil	Ballylickey	8.5	(iii) Controllability Works Outstanding
Knockastanna	Ardnacrusha	6	(iii) Controllability Works Outstanding
Mullananalt	Meath Hill	7.5	(iii) Controllability Works Outstanding
Tournafulla 1	Trien	7.5	(iii) Controllability Works Outstanding
Tournafulla 2	Trien	18	(iii) Controllability Works Outstanding
Coomatallin	Dunmanway	6	(iii) Controllability Works Outstanding
Gneeves	Knockeragh	9.35	(iii) Controllability Works Outstanding
Altagowlan	Corderry	7.65	(iii) Controllability Works Outstanding
Total Hierarchy (iii)		402.65	

NB This does not include Pre Grid Code, exempt WFPS or Units <5MW

Wind Farms Connected in Northern Ireland			
Wind Farm Name	Associated 110kV Station	Installed Capacity MW	Hierarchy
Garves	Coleraine	15	(ii)
Slieve Rushen 2	Aghyoule	54	(ii)
Altahullion 2	Limavady	11.7	(ii)
Gruig	Coleraine	25	(ii)
Crockagarran	Dungannon	15	(ii)
Slieve Divena	Omagh	30	(ii)
Hunters Hill	Omagh	20	(ii)
Lough Hill	Strabane	7.8	(ii)
Screggagh	Omagh	20	(ii)
Tappaghan	Omagh	28.5	(ii)
Curryfree	Lisaghmore	15	(ii)
Slieve Kirk	Killymallaght	27.6	(ii)
Total Hierarchy (ii)		269.6	
Wolf Bog	Larne	10	(iii) Controllability Works Outstanding
Callagheen	Enniskillen	16.9	(iii) Controllability Works Outstanding
Bin Mountain	Strabane	9	(iii) Controllability Works Outstanding
Bessy Bell 2	Omagh	9	(iii) Controllability Works Outstanding
Total Hierarchy (iii)		44.9	

NB This does not include Pre Grid Code, exempt WFPS or Units <5MW



4 Derogation Applications

Where a Wind Farm Power station is considering applying for a derogation in respect of controllability requirements including meeting the Availability Signal standard, must ensure that the derogation is raised with the appropriate System Operator (DSO or TSO) and Regulator (CER / UREGNI) at least 3 months before 1st December 2012. This will allow sufficient time for the CER / UREGNI and the relevant SO to review the application before a decision is made by the CER / UREGNI. This process must have concluded by 1st December otherwise the Wind Farm Power station in question will be moved to Category (i). This applies to all legacy wind farms that were contacted in December 2011 by EirGrid and SONI and were informed of the 1st December 2012 deadline for proven controllability.

5 Contact details

If you have any specific queries please contact info@eirgrid.com or connections@soni.ltd.uk.