Controllability Status Update

May 2016

EIRGRID SONI

1. INTRODUCTION

The SEM-11-062 decision paper[1] identified a three-level hierarchy classification for Wind Farm Power Stations (WFPS) in Ireland and Northern Ireland. This document outlines the list of all Controllable WFPS, 5MW or more on the EirGrid and SONI system. Each unit is categorised as level (i), (ii) or (iii). This list will continue to be updated on a monthly basis.

2. SUMMARY

The following tables include updates on controllability status for May 2016.

2.1. Ireland

Wind Farms connected in Ireland (MW)	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015
(i)	42	42	42	42	42	42
(ii)	1833	1833	1867.2	1896.8	1896.8	1916.8
(iii)	71.3	71.3	37.1	68	68	48

Wind Farms connected in Ireland (MW)	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016
(i)	118	118	129.5	87.5	59.5	59.5
(ii)	1888.8	1888.8	1877.3	1919.3	1947.3	1947.3
(iii)	65	65	65	65	65	65

- No update.

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

2.2. Northern Ireland

Wind Farms connected in Northern Ireland (MW)	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015
(i)	26.9	26.9	47.9	47.9	47.9	47.9
(ii)	524.3	524.3	503.3	503.3	503.3	503.3
(iii)	0	0	0	0	12	12

Wind Farms connected in Northern Ireland (MW)	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016
(i)	26.9	26.9	26.9	26.9	26.9	26.9
(ii)	524.3	536.3	536.3	536.3	536.3	536.3
(iii)	12	0	0	0	14.1	14.1

- No update.

2.3. Process Notes

1. WFPS Categorisation Policy Document -5th March 2012.[2][3]
2. Performance monitoring of controllability requirements applied to WFPS - 1st February 2013.[4]
3. WFPS are obliged to achieve Compliance Certificate within 12 months of Energisataion. (Operational Certificate, Operational Certificate Justification or Final Compliance Certificate). The Notification list process applied to WFPS without Certificate is published[5].
4. Notification list for testing is published[6].
5. Category (i) WFPS may involve the use of circuit breaker for dispatch purposes. These WFPS shall consider the appropriate procedures to bring the WFPS back online (either remotely or by personnel on site) when the curtailment or constraint has been removed by the TSO.

[2] http://www.eirgridgroup.com/site-files/library/EirGrid/Wind%20Farm%20Controllability%20Categorisation%20Policy.pdf

[3] http://www.soni.ltd.uk/media/documents/Operations/Renewables/Wind%20Farm%20Controllability%20Categorisation%20Policy.pdf

[4] http://www.eirgridgroup.com/site-files/library/EirGrid/Windfarm-Performance-monitoring-process-October-2015.pdf.

[5] http://www.eirgridgroup.com/site-files/library/EirGrid/2016-03-04-Notification-List-for-Testing.pdf

[6] http://www.eirgridgroup.com/site-files/library/EirGrid/2016-03-04-Notification-List-for-Testing.pdf

3. WFPS Category

Ireland			
WFPS Name	**Associated 110kV Station**	**Installed Capacity MW**	**Category**
Derrybrien	Agannygal	59.5	(i) Controllability issues
Total Hierarchy (i)		**59.5**	
Altagowlan	Corderry	7.65	(ii)
Athea	Athea	34.35	(ii)
Ballincollig Hill	Tralee	13.3	(ii)
Ballybane 1 & 2	Ballylickey	29.9	(ii)
Ballybane Phase 2a	Ballylickey	11.5	(ii)
Ballycadden Phase 1	Crory	15	(ii)
Ballycadden Phase 2	Crory	11.5	(ii)
Ballymartin Phase 1	Waterford	6	(ii)
Ballymartin Phase 2	Waterford	8	(ii)
Ballywater	Crane	42	(ii)
Barranafaddock	Barrymore	34.2	(ii)
Bawnmore	Macroom	25.3	(ii)
Beam Hill	Trillick	14	(ii)
Bindoo	Ratrussan	48	(ii)
Black Banks 2	Corderry	6.8	(ii)
Boggeragh	Boggeragh	57	(ii)
Booltiagh Phase 1	Booltiagh	19.5	(ii)
Booltiagh Phase 2	Booltiagh	13.8	(ii)
Bruckana	Lisheen	39.6	(ii)
Caherdowney	Garrow	9.2	(ii)
Carraigcannon	Boggeragh	23	(ii)
Carrickeeny	Sligo	8	(ii)
Carrowleagh	Glenree	36.8	(ii)
Castledockrell	Castledockrell	41.4	(ii)
Clahane	Clahane	40	(ii)
Cloghboola	Cloghboola	48	(ii)
Coomacheo	Garrow	59.8	(ii)
Coomatallin	Dunmanway	6	(ii)
Coomagearlahy 1 (Kilgarvan)	Coomagearlahy	45	(ii)
Coomagearlahy 2 (Sillahertane)	Coomagearlahy	8.5	(ii)
Coomagearlahy 3 (Inchincoosh)	Coomagearlahy	32.5	(ii)
Corkermore	Binbane	10	(ii)
Cronelea 1	Carlow	4.6	(ii)
Cronelea 2	Carlow	4.6	(ii)
Dromada	Dromada	28.5	(ii)

Dromdeeveen	Glenlara	28	(ii)
Drumlough Hill 2	Trillick	10.2	(ii)
Faughary	Sligo	6	(ii)
Flughland	Sorne Hill	9.2	(ii)
Garracummer	Cauteen	42.5	(ii)
Garraneragh	Macroom	9.2	(ii)
Garvagh 1 (Glebe)	Garvagh	26	(ii)
Garvagh 2 (Tullynahaw)	Garvagh	22	(ii)
Gibbet Hill	Crory	15	(ii)
Glanlee (Midas Gen unit)	Galnlee	32.45	(ii)
Glenough	Cauteen	32.5	(ii)
Gortahile	Carlow	20	(ii)
Gneeves	Knockeragh	9.35	(ii)
Grouse Lodge	Rathkeale	15	(ii)
Hollyford	Cauteen	9	(ii)
Kealkil	Ballylickey	8.5	(ii)
Kill Hill	Kill Hill	36	(ii)
Kingsmountain 2 (Dunneil)	Cunghill	11.05	(ii)
Knockacummer	Knockacummer	100	(ii)
Knockaneden	Oughtrah	9.2	(ii)
Knockastanna	Ardnacrusha	6	(ii)
Knockawarriga	Trien	22.5	(ii)
Knocknagoum	Reamore	44.35	(ii)
Knocknalour	Crory	9.2	(ii)
Lacken	Moy	6.9	(ii)
Leitir Guingaid	Salthill	42.8	(ii)
Lisheen Phase 1	Lisheen	36	(ii)
Lisheen Phase 2	Lisheen	24	(ii)
Loughderryduff	Binbane	7.65	(ii)
Meenachullalan	Binbane	13.8	(ii)
Meentycat	Drumkeen	86.4	(ii)
Monaincha	Ikerrin	35.95	(ii)
Mountain Lodge	Ratrussan	31.5	(ii)
Mountlucas	Mountlucas	80	(ii)
Muingnaminanne	Reamore	14.8	(ii)
Mullananalt	Meath Hill	7.5	(ii)
Raheen Bar 2 (Derrynadivva)	Castlebar	8	(ii)
Rathcahill	Rathkeale	12.5	(ii)
Richfield	Wexford	27	(ii)
Sorne Hill 1 & 2	Sorne Hill	38.9	(ii)

Spaddan	Cathaleen's Fall	17.1	(ii)
Taurbeg	Glenlara	25.3	(ii)
Tournafulla 1	Trien	7.5	(ii)
Tournafulla 2	Trien	18	(ii)
Tullynamoyle	Corderry	9.2	(ii)
Woodhouse	Woodhouse	20	(ii)
Total Hierarchy (ii)		1947.3	
Boggeragh 2		65	(iii)
Total Hierarchy (iii)		65	
NB This does not include Pre Grid Code, exempt WFPS or Units <5MW			

Northern Ireland			
WFPS Name	**Associated 110kV Station**	**Installed Capacity MW**	**Category**
Callagheen	Enniskillen	16.9	(i) Compliance certificate not achieved through process
Wolf Bog	Larne	10	(i) Compliance certificate not achieved through process
Total Hierarchy (i)		**26.9**	
Owenreagh 2	Strabane	5.1	(ii)
Curryfree	Lisamore	15	(ii)
Altahullion 2	Limavady	11.7	(ii)
Bessy Bell 2	Omagh	9	(ii)
Bin Mountain	Strabane	9	(ii)
Church Hill	Magherakeel	18.4	(ii)
Crighshane	Magherakeel	32.2	(ii)
Crockagarran	Dungannon	17.5	(ii)
Garves	Coleraine	15	(ii)
Gruig	Coleraine	25	(ii)
Hunters Hill	Omagh	20	(ii)
Lough Hill	Strabane	7.8	(ii)
Screggagh	Omagh	20	(ii)
Slieve Divena	Omagh	30	(ii)
Slieve Kirk	Killymallaght	73.6	(ii)
Slieve Rushen 2	Aghyoule	54	(ii)
Tappaghan	Omagh	28.5	(ii)
Carrickatane	Killymallaght	20.7	(ii)
Carn Hill	Carnmoney	13.8	(ii)
Dunmore	Coleraine	21	(ii)
Dunbeg	Coleraine	42	(ii)
Thornog	Magherakeel	20	(ii)
Molly Mountain	Aghyoule	15	(ii)

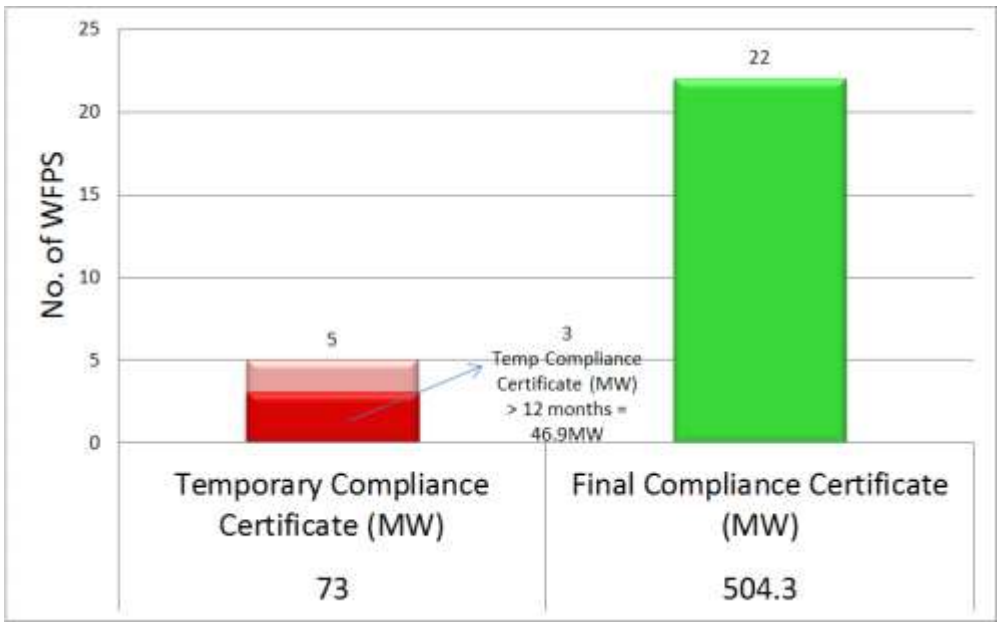
Monnaboy	Coolkeeragh	12	(ii)
Total Hierarchy (ii)		**536.3**	
Seegronan	Magherakeel	14.1	(iii)
Total Hierarchy (iii)		**14.1**	
NB This does not include Pre Grid Code, exempt WFPS or Units <5MW			

4. Compliance Certificate status

4.1. Ireland



4.2. Northern Ireland



5. CONTACTS

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