

Compliance Testing Notification List

Notification List update no. 11 for period –
January 21st onwards



1 Document History

The document is updated based on testing activities of the WFPS listed in 1-10 for Ireland or Northern Ireland below.

No.	Date of Publication	Notification of test date
1	Monday 1 st September 2014	11 th September onwards
2	Thursday 9 th October 2014	24 th October onwards
3	Tuesday 28 th October 2014	12 th November onwards
4	Wednesday 19 th November 2014	4 th December onwards
5	Tuesday 23 rd December	20 th January onwards
6	Friday 16 th January 2015	2 nd February onwards
7	Tuesday 10 th of March 2015	26 rd of March onwards
8	Tuesday 14 th of April 2015	29 th of April onwards
9	Thursday 13 th August 2015	27 th August onwards
10	Monday 19 th October 2015	3 rd November onwards
11	Wednesday 6 th January	21 st January onwards

2 Ireland – Notification List for testing

No.	WFPS	Energisation Date	Status
1	Mountain Lodge	01/03/2009	Reporting Phase. TSO to review report.
2	Carraigcannon	25/04/2011	WFPS on notice to test from 27/08/2015.
3	Garracummer	18/01/2013	Reporting Phase. TSO to review report.
4	Lisheen Phase 2	24/04/2013	Reporting Phase. WFPS to submit report.
5	Gibbet Hill	19/05/2013	Reporting Phase. TSO to review report.
6	Booltiagh Phase 2	30/08/2013	WFPS on notice to test from 21 st January.
7	Knocknagoum	20/09/2013	Reporting Phase.TSO to review report.
8	Athea	14/10/2013	Reporting Phase.WFPS to submit report.
9	Carrickeeny	21/03/2014	On notice to test from 21 st January.
10	Mountlucas	15/05/2014	Reporting Phase.TSO to review report.
11	Bruckana	09/10/2014	2 Weeks' notice may be issued to any WFPS listed 11-22. The notification list will be republished and formal letter will be issued to the WFPS.Some of these WFPS are in Reporting Phase and others are scheduled in the testing calendar. The dates within the calendar will be unaffected by this list.
12	Kill Hill	10/10/2014	
13	Faughary	12/12/2014	
Category (1)			
14	Dromdeeveen	25/08/2011	WFPS to complete testing process. Reporting Phase.TSO to review report.

Update in relation to WFPS1-10: Taurbeg, Garvagh 1 and Garvagh 2, Boggeragh, Meentycat were issued compliance certificates. Gibbet Hill, Booltiagh Phase 2, Knocknagoum, Athea, Carrickeeny and

Mountlucas moved into WFPS listed 1-10. Dromdeeveen moved to bottom of notification list. Knockacummer energisation date revised based on installation of second phase.

3 Northern Ireland – Notification List

No.	WFPS	Energisation date	Status
1	Slieve Kirk	01/03/2013	Reporting Phase. TSO to review report.
Category (1)			
3	Callagheen	01/01/2006	When notified and offered a test date with suitable wind conditions, this WFPS failed to test.
4	Wolf Bog	01/11/2007	When notified and offered a test date with suitable wind conditions, this WFPS failed to test.

Update in relation to WFPS1-10: Dunmore moved to category (i) on 1st August 2015. Slieve Kirk compliance testing now complete, SONI reviewing test report.

4 Process Notes for Notification list

The Notification list process is applied for WFPS which are existing in Category (2).

WFPS are required to work with the testing process and achieve a compliance certificate¹. This is of material benefit for the long term operation and security of the power system. The implementation date for existing WFPS without Compliance Certificate is 1st of December 2014. The process for implementation of this date for WFPS without Certificate is published².

To facilitate testing of these WFPS with suitable wind conditions, the following notification list has been published. The list is developed chronologically by energisation date (oldest to newest). The TSO will work through this list confirming testing dates of the notified WFPS as suitable wind and system conditions apply. A maximum of 1 WFPS from this list will be tested on any given day. The notification list for testing will be published. In Ireland, the existing calendar system for scheduling of WFPS testing will remain unaffected by this process.

After two weeks notification to test, should suitable wind conditions exist, testing dates as applicable for the highlighted WFPS (listed no. 1-10 for Ireland and Northern Ireland) will be confirmed with 2 Business Days' notice to the WFPS. Where unsuitable wind conditions prevail, the WFPS no. 1-10 will remain on notice until testing has been completed with a compliance certificate issued. (Only one two week notice will be issued to a WFPS which is sufficient time for a WFPS who has been on the system greater than 12 months to prepare for testing).

After the two week notification, the WFPS will remain on rolling standby for a 2 business day confirmation from the TSO to test. (The next time wind conditions are suitable and system conditions allow the WFPS will receive confirmation to test).

Suitable wind and system conditions will be assessed based on best wind forecast and system information available to the TSO. The wind forecast will be monitored on a rolling basis every business day until testing has been completed. Following completion of testing, a WFPS shall complete the process to compliance certification of the WFPS within the required timeframes.

This process will take effect from 15th of September onwards i.e. TSO monitoring suitable wind conditions and offering confirmation for testing and receipt of reports of the WFPS as listed no. 1-10. An example of the steps leading to and following the 15th of September is provided.

Each of the WFPS listed no. 1-10 is at various stages of testing and reporting. The WFPS no. 1-10 that do not require testing is identified with the status Reporting Phase. These WFPS will work to submit, review and agree the report with the TSO in the published timelines. On issuance of a compliance certificate, the WFPS will be removed from the list. In cases whereby delays are incurred by the TSO, the WFPS will remain no. 1-10 until the WFPS is certified.

¹ Operational Certificate, Operational Certificate Justification or Final Compliance Certificate.

² <http://www.eirgrid.com/media/InformationNoteOnControllabilityUpdate5.pdf>

Following removal of a WFPS from the list no. 1-10, the list will move upwards where the WFPS will be allocated 1-10 i.e. WFPS no 11 will become WFPS no 10 for which the notification will apply. The list will be republished where the new WFPS listed no. 1-10 will be given its two weeks' notice.

In accompaniment to the notification list, formal notification letters will be issued to each of the applicable WFPS no. 1-10 (excluding the WFPS highlighted with the status Reporting Phase).

5 EXAMPLES

5.1 Notifying the WFPS to test

Milestone	Letter issued to WFPS with two week notice for testing	WFPS is notified that testing will proceed at next available opportunity as per TSO requirements following 10BD.	TSO monitors wind conditions daily for WFPS and confirms testing to WFPS.	WFPS confirms testing may proceed or cancels due to WFPS reasons.	TSO and WFPS complete testing	WFPS submits Test data to the TSO within 1 BD or as otherwise agreed.	WFPS submits Test Report and Derogation to the TSO within 10 BD
Generic Timeline	1 BD	10 BD	Daily monitoring of wind for 2 BD confirmations (rolling Mon-Fri).	1 BD	Test day	Test Day+1 BD	Test Day +10 BD
Specific timeline for WFPS identified as no. 1-10. (Based on notice period beginning 2 nd Sept)	1 st Sept	2 nd of September to 15 th of Sept 2014.	<ul style="list-style-type: none"> Forecast will be analysed on morning of Friday 12th Sept if wind is sufficient any of the WFPS's (1-10) will be notified and testing will proceed on Tuesday 16th September. Forecast will be looked at on morning of Monday 15th Sept if wind is sufficient any of the WFPS's (1-10) will be notified and testing will proceed on Wednesday 17th Sept. Etc. Rolling window will apply. If wind is not sufficient then the WFPS will remain on notice until suitable wind conditions apply. 	<ul style="list-style-type: none"> Following confirmation from the TSO of suitable wind conditions on Friday 12th Sept, the WFPS shall respond within 1 BD i.e. on Monday 15th Sept. Following confirmation from the TSO of suitable wind conditions on Monday 15th Sept, the WFPS shall respond within 1 BD i.e. on Tuesday 16th Sept. Etc. Rollin window will apply. If wind conditions are not sufficient, the WFPS remains on standby for two day confirmation to test. 	<ul style="list-style-type: none"> Should suitable wind conditions apply and if offered on Friday 12th Sept, testing will proceed on Tuesday 16th Sept. If offered on Monday 15th Sept, testing will proceed on Wednesday 17th Sept etc. 	If testing is complete on Tuesday 16 th Sept, the data and the signed test procedure is submitted to EirGrid or SONI as applicable on Wednesday 17 th Sept or as otherwise agreed with EirGrid or SONI. Etc.	If testing is complete on Tuesday 16 th Sept the report shall be submitted to EirGrid by 1 st of October. Etc.

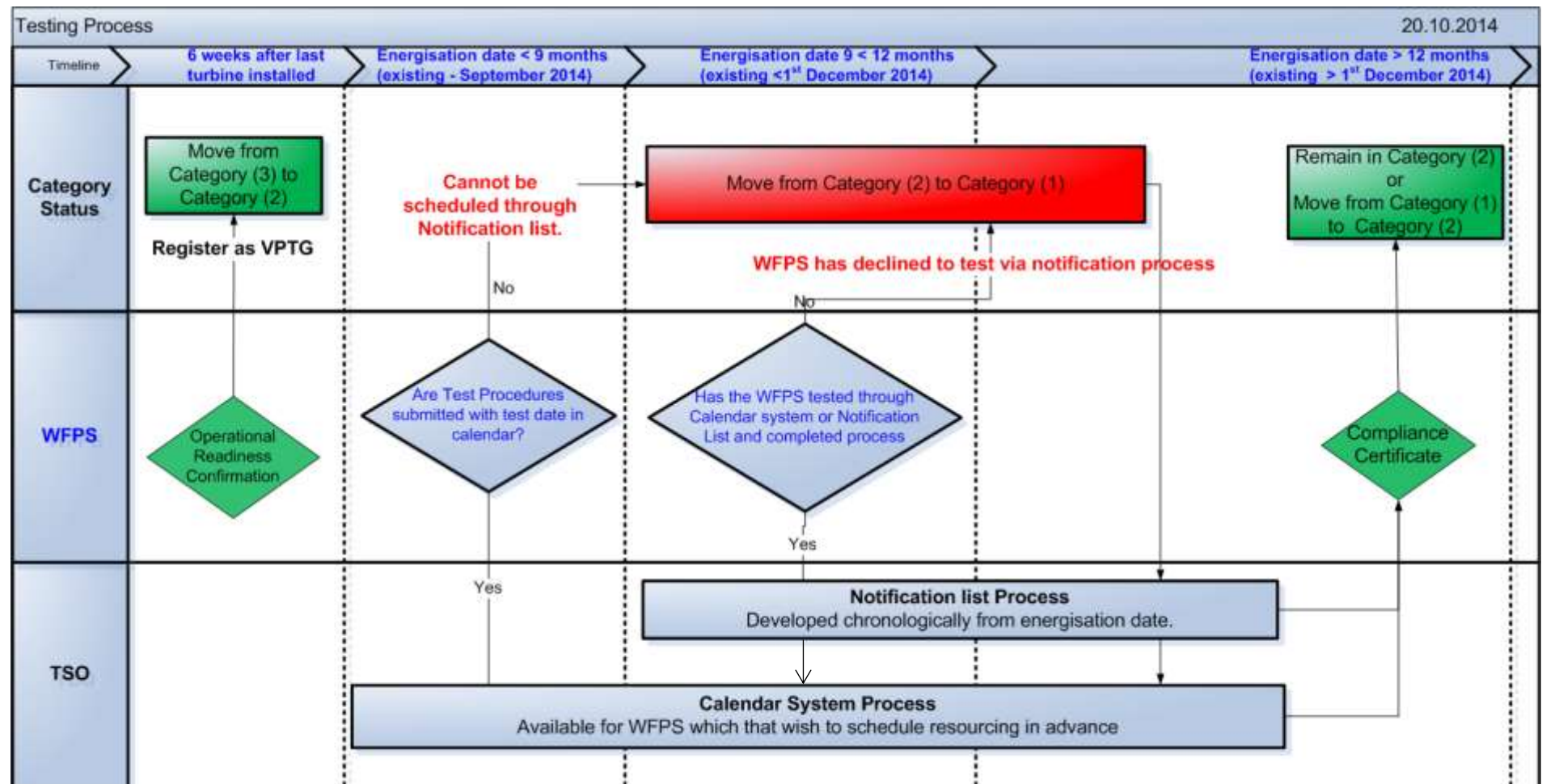
5.2 Reporting Phase and Retesting (for Operational Certificate)

No.	Description	Notification List Status	Timelines
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1	WFPS completes testing or partial testing as per the notification list.	<p>Remains listed within the Notification list. WFPS which has completed all testing will change status from Notification issued to Reporting Phase.</p> <p>WFPS which have partially completed testing will remain on notice.</p> <p>The Reporting phase is to be completed within the maximum allowable timeframe of 20BD.</p>	<p>Guideline:</p> <ul style="list-style-type: none"> WFPS to submit test data and test procedures within 1BD following testing or as otherwise agreed with TSO. WFPS to submit Test Report within 10BD of completion of test. WFPS to submit Derogations within 10BD of completion of test. <p>Maximum allowable timeline (as agreed with the TSO).</p> <ul style="list-style-type: none"> 20BD³ for receipt of Test data, Scanned Test procedure, Test Report and Derogations as applicable.
2	WFPS completes testing as per the notification list and needs to retest as a result of a minor issue which can be addressed within 20BD.	<p>Remains listed within the Notification list and status changes from Reporting phase back to Notification for 2 BD confirmation to test.</p> <p>The Reporting phase is to be completed within the maximum allowable timeframe of 20BD.</p>	Reporting timelines apply.
3	WFPS completes testing as per the notification list and needs to retest as a result of a major issue which cannot be addressed within 20BD.	WFPS moves to bottom of the notification list.	Remains within category (1) until testing has been complete and compliance certificate is issued.

³ Previous timeline of 10BD as deadline revised to 20BD based on IWEA feedback.

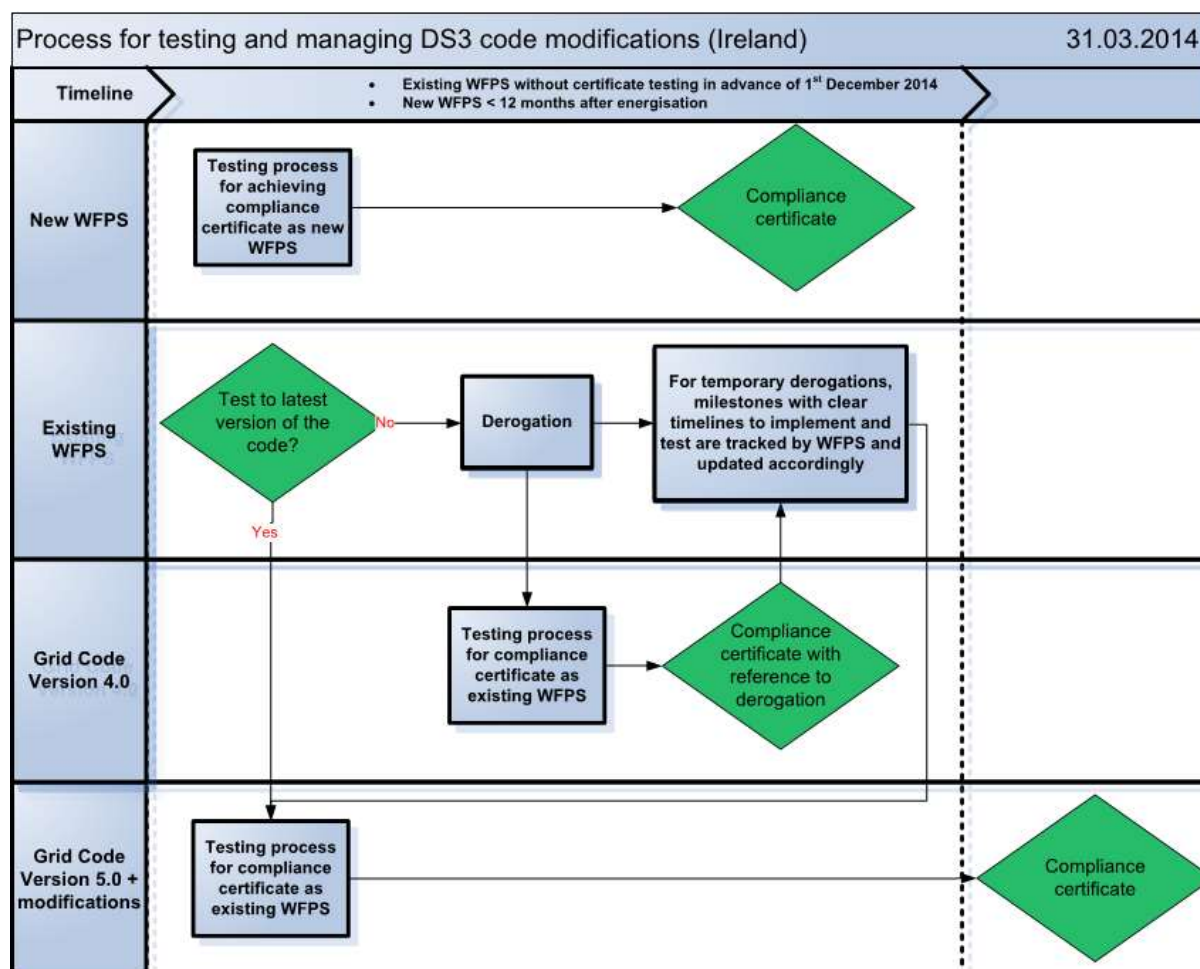
6 TESTING PROCESS DIAGRAM (SIMPLIFIED)



Further information at: <http://www.eirgrid.com/media/InformationNoteOnControllabilityUpdate5.pdf>

7 DEROGATIONS (IRELAND)

7.1 Process for testing and managing DS3 code modifications



7.2 WFPS will remain in Cat(2) if any of the following are true:

A WFPS has a non compliance for a clause in the Grid Code, for which the WFPS has a CER approved and valid derogation, and the WFPS is compliant with the derogation.

- A WFPS (that has been energised for more than 12 months) does not achieve Operational Certification by 1st December 2014 AND:
 - has not been offered a test date by the TSO or
 - has only been offered test date(s) which have been cancelled by the TSO (including cancellation by TSO due to insufficient wind).
- A WFPS has achieved an Operational Certification and has a non compliance, which is covered by a valid derogation application, which is specifically listed in the Operational Certificate, and that derogation application has not yet been ruled on by CER.

7.3 WFPS will move to cat(1) if any of the following are true:

- A WFPS (that has been energised for more than 12 months) has not achieved Operational Certification by 1st December 2014 AND has failed to utilise a test date offered by the TSO through the Notification List Process.
- The CER refuses to grant a derogation, which was listed in the Operational Certificate for that WFPS (unless the WFPS has subsequently demonstrated compliance with the Grid/Distribution Code requirement and therefore no longer requires the derogation).

7.4 WFPS moving from cat(1) to cat(2)

- The WFPS achieves Operational Certificate.
- The WFPS demonstrates compliance with the non compliance that put the WFPS into cat(1).
- Has a CER approved derogation and completes testing to the derogated value.

Testing for each can be scheduled by WFPS using calendar and/or notification list.

8 References

Document	Date of latest publication	Link
Grid Code Ireland	22/07/2015	http://www.eirgridgroup.com/site-files/library/EirGrid/GridCodeVersion6.pdf
SONI Grid Code and SONI Settings schedule	29/10/2013	http://www.soni.ltd.uk/media/documents/Operations/Grid-Code/SONI%20Grid%20Code%20-%2029%20October%202013.pdf http://www.soni.ltd.uk/media/documents/Operations/Grid-Code/WFPS%20Settings%20Schedule%20Rev%205%20291013%20-%20URegNI%20Approved.pdf
Controllability Policy Document	05/03/2015	http://www.eirgridgroup.com/site-files/library/EirGrid/Wind%20Farm%20Controllability%20Categorisation%20Policy.pdf
Quality Standard for Available Active Power standard (revision 2)	01/10/2012	http://www.eirgridgroup.com/site-files/library/EirGrid/QualityStandardforWindfarmActivePower.pdf
Performance Monitoring	01/10/2015	http://www.eirgridgroup.com/site-files/library/EirGrid/Windfarm-Performance-monitoring-process-October-2015.pdf
Process and timelines for testing - Controllability update no. 5	March 2014	Available on request.
Enhanced Performance Monitoring system	June 2014	Available on request.
Monthly Controllability update	November 2015	http://www.eirgridgroup.com/site-files/library/EirGrid/2015-11-November-Controllability-status-update.pdf

9 CONTACTS

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