

Irish Retail Electricity Market
Market Design Update – November 21st, 2010
Market Approach to Cutover

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1 About This Document

1.1 Context

ESB Networks have been requested to implement the following MCRs in order to upgrade the Retail Market Schema from version 8.0a to version 8.1:

Number		Title
MCR	0081	Proposal to change Suppliers Extranet so that it shows only Billable Devices v2.0
MCR	0177	DG4 DUoS Tariff for Local Authority Public Lighting v 2.0

The release of version 8.1 of the Retail Market Design has been approved by CER, subject to a successful IPT, and the changes are due to go live on 21st November 2010. This document sets out a market-level view of the steps in making the transition (cutover) from the current Version 8.0a of the Retail Market Design to version 8.1.

This document is subject to review and agreement by the IGG forum. Dates and times may be amended if any unforeseen circumstances arise. Market Participants will be advised of any changes to dates and times as soon as details become available to RMDS. The Networks ISC team will have overall responsibility for the co-ordination of the cutover tasks.

1.2 Scope

This document sets out the overall context in which the update is taking place and defines the scope for the current document:

Specifically, this plan is not intended to cover:

- Pre-cutover tests, such as system build or regression test, required by Market Participants to ensure that their own back end systems have been upgraded where necessary.
- Any tests required under the agreed Market Assurance approach for Version 8.1 (IPT).

1.3 Key planning Assumptions

- **CER approval:** The CER will give permission to go-live on 17th November 2010. This decision will be made on the basis of the Gemserv assessment following IPT and any other factors the CER may deem relevant at that time.
- **Ring fencing the SAP ISU system: Before the changes are applied, the following steps will occur:**
 1. All Hub Interfaces to/from the SAP ISU system will be deactivated
 2. All automated processing will be stopped
 3. Only specified users will be allowed access to the system.

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These steps ensure that only Networks ISC controlled processing will take place during the Retail Market Schema upgrade cutover period.

- **Non-Availability of Central Market Systems:** The Central Retail Market systems will be unavailable during the cutover window from 20:00 on Saturday 20th November 2010 to end of cutover on Sunday 21st November 2010. Experience gained from previous Retail Market Schema upgrades and ESNB's own estimates indicate that approximately 12 hours will be required to implement the process on the 21st November 2010. The Cutover window has been planned for Sunday 21st November 2010 to minimise disruption to the electricity Retail Market. To aid a smooth cutover period and minimise potential complications, ESNB has carried out the following:
 - i. Requested cessation of all automated processing on SAP IS-U before changes are applied.
 - ii. Requested RMDS to ask Market Participants not to send any market messages into the Central Retail Market system after 20:00:00 on Saturday 20th November 2010.
- **Defects in Code:** All relevant defects classified as High or Urgent will be resolved prior to Go-Live. Any outstanding unresolved defects (classified as a low or medium impact) will be resolved following Go-Live.
- **Designation of MP1:** ESBIE will act as MP1.

2 Market Milestones for Cutover

There are a number of tasks which will need to be carried out in the run up to, and on the day of, cutover. The following tables cover the main milestones for each of the cutover stages.

2.1 Pre – Cutover

Table 1 lists the major tasks to be carried out in advance of the cutover weekend.

No	Task	Date/Time	Responsibility
1.	Gather contact details from Market Participants.	18th ¹ October	RMDS
2.	Provide Market Participants with timeslots for the installation of MPCC version 17.0 and completion of 999 tests.	Mon 8 th -Fri 12 th October	RMDS
3.	Request selected Market Participants to participate in message testing pre full roll-out of Schema to all Market Participants.	Mon 11 th Oct	RMDS
4.	Ensure any backlog of message resend requests have reached MRSO by 19 th November. Ensure that messages are reconciled on a daily basis after that.	Fri 19 th Nov	MPs
5.	<i>CER decision to proceed.</i>	<i>Wednesday 17th Nov</i>	<i>CER</i>

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No	Task	Date/Time	Responsibility
6.	Final technical check-in conference call (all MPs on line)	Fri 19 th Nov (morning)	RMDS
7.	Last time for Market Participants to create and send Ver. 8.0a Market Messages.	Sat 20th Nov 20h00	MPs

2.2 Cutover Weekend

Table 2 gives a breakdown of the tasks to be carried out over the cutover weekend. This process will start on Saturday 20th at 20h00 and should be completed by 20h00 on Sunday the 21st.

No:	Task	Date/Time	Responsibility
8.	Issue normal scheduled v 8.0a 602 market message.	Sun 21st Nov 6h30	ESB Networks
	Issue final v 8.0a 602 market message	Sun 21st Nov 9h15	ESB Networks
9.	Market Message Reconciliations. Market Participants to identify messages required for re-sending by Networks. Networks to re-send any messages before the upgrade commences (10h00).	Sun 21st Nov 08h00 – 09h45 09h45 – 10h00	MPs ESB Networks
10.	Market Participants to confirm readiness to proceed with cutover	Sun 21 st Nov by 9h45	MPs
11.	Notify Market Participants that messages have been reconciled and Market Hub is about to be disabled.	Sun 21st Nov 10h00	RMDS
12.	Disable Version 8.0a systems (Hub and Networks)	Sun 21st Nov 10h00 – 10h25	ESB Networks
13.	Apply changes to Central Retail Market systems and internally verify changes	Sun 21st Nov by 10h45 - 13h05	ESB Networks
14.	MP1 to install version 17.0 of MPCC	Sun 21st Nov 11h35 -11h45	MP1
15.	MP1 to complete Connectivity Test	Sun 21st Nov 11h45 -12h00	MP1
16.	Provide regular updates of cutover progress to Market Participants.	Sun 21st Nov	RMDS
17.	EirGrid to install version 17.0 of MPCC	Sun 21 st Nov 13h25 – 13h30	Eirgrid
18.	EirGrid to complete Connectivity Test	Sun 21 st Nov 13h45 – 13h50	Eirgrid
19.	Process Testing with ESB Customer Supply (PES)	Sun 21 st Nov 13h45 – 14h15	ESB Networks/ PES
20.	Process Testing with Eirgrid	Sun 21 st Nov	ESB Networks/

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No:	Task	Date/Time	Responsibility
		14h15 – 14h30	Eirgrid
21.	Process Testing with MP1	Sun 21 st Nov 14h15 – 14h45	ESB Networks/MP1
22.	ESB Networks to give sign-off to proceed with Schema roll-out to remaining Participants	Sun 21st Nov 15h00	ESB Networks
23.	Advise all Market Participants of successful post go-live checks and decision to start roll out of v8.1 schema to remaining Participants	Sun 29th Nov 15h05	RMDS
24.	MP2 - MP7 to install version 17.0 of MPCC and carry out a 999 Connectivity Test. Email to RMDS the returned Networks 999 message and await the RMDS confirmation by email of receipt of same. Note: all MPs in the tranche proceed in parallel. MPs are free to commence installation and testing at any time during the window but must plan to complete all tasks within the window.	15h15 -16h15	MP2 – MP7
25.	MP8 – MP13 to install version 17.0 of MPCC and carry out a 999 Connectivity Test. The operational arrangements are the same as for Tranche 1 above.	16h15 -17h15	MP8 - MP13
26.	ESB Networks to restore central retail market systems to normal working order	17h15 – 17h45	ESB Networks
27.	ESB Networks to advise RMDS that normal service has resumed	17h45	ESB Networks
28.	Formal confirmation to Market Participants that normal services are resumed.	Sun 21st Nov 17h45	RMDS

3 Decision Criteria during Cutover

No:	Event	Planned Response
1	Message Reconciliation is complete, Hub is off line and Suppliers are ready.	Networks Business to give Networks ISC permission to proceed and apply changes.
2	Above checks are only partially completed.	Evaluate the significance and make a decision based on the evidence at hand.

3	Changes that have been applied are working as expected.	<ul style="list-style-type: none"> • Networks ISC recommend Networks Business to give go ahead to proceed with rollout of new Schema to outstanding Suppliers. • Networks Business provide go ahead to Networks ISC to proceed.
4	Changes that have been applied are not working as expected.	<ul style="list-style-type: none"> • Networks ISC recommend delaying full roll out of Schema until issue is resolved.
5	Changes that have been applied not working as expected by 22:00 on 21 st November 2010.	<p>On a case by case basis Networks ISC will come to one of the following decisions:</p> <ul style="list-style-type: none"> • Networks ISC recommend to keep trying to fix the problems with system still not fully available • Networks ISC to resume “normal” service but isolate items that are not working correctly.