

Project Name:	European Transparency Regulation		Response Required By:	06 June
Document Title:	- National Grid to Market Interface document	Version:	1.0	Author:
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Section No.	Page Ref	Comment <i>Document any comments required</i>	Reviewer name	Author's Response <i>A = Accepted, R = Rejected + reason</i>
3	3	Q: Please clarify, is submission of REMIT data (B2010) via MODIS mandatory or optional? I understand we are not required to provide this data if we are already reporting it via our own website but wording here suggests it is required.	Tom Bowcutt (Centrica Energy)	A. Please refer to the clarification published by OFGEM on ETR reporting on 11 July 2014, for further guidance on this issue. See URL: https://www.ofgem.gov.uk/ofgem-publications/88732/ofgemopenletteronremitinsideinformation.pdf
A7.1 a / b	3	Q: What is the definition of a Consumption Unit, is there a requirement to provide changes in forecast demand for Supplier BM Units?	Tom Bowcutt (Centrica Energy)	A Consumption unit follows the current definition of a Consumption Demand unit (CoD)
Section 3.1	4	Unavailability of Consumption Units Article B0710: Planned Unavailability of Consumption Units (A7.1a) does not currently apply to EDF Energy Article B0720: Changes in Actual Availability of Consumption Units (A7.1b) does not currently apply to EDF Energy	EDF Energy	A. Response not required.
Section 3.2	4	Unavailability of Transmission Infrastructure B1030: Changes of Availability of Off-Shore Grid Infrastructure (A10.1) does not currently apply to EDF Energy	EDF Energy	A. Response not required.
Section 3.3	5	Unavailability of Generation and Production Units B1510: Planned Unavailability of Generation Units (A15.1) 1.1 This is only required if the planned unavailability is 100 MW or more 1.2 A new report is needed when availability changes upwards or downwards by 100 MW or more How is the baseline established by Participants and provided via MODIS? When should these baselines be provided? B1520 - Changes in actual Availability of Generation Units (A15.1b) 1.1 - This is changes of 100 MW or more in actual availability of a generation unit expected to last for at least one settlement period Compared with what baseline? 1.4. This includes information on unavailability up to three years ahead Is this a rolling period or a static calendar year end? (like the TOGA 1-5 year submissions). Does this mean at a minimum daily submission as the window rolls over?	EDF Energy	A The baseline Planned Unavailability for Article 15.1 changes is either the Registered Capacity for the unit, previous reported available capacity for that period. For Actual Availability for Article 15.1 this is reported against changes in installed capacity or any changes of previous reported available capacity.
	6	B1530 and B1540: Planned Unavailability of Production Units (A15.1c) 1.1 Similar questions about which baseline should be used?	EDF Energy	A The baseline Planned Unavailability for Article 15.1 changes is either the Registered Capacity for the unit, previous reported available capacity for that period. For Actual Availability for Article 15.1 this is reported against changes in installed capacity or any changes of previous reported available capacity.
	7	Section 4: Interface methods What network infrastructure is the preferred route for participants to access MODIS over? Is this considered part of the CNI and therefore a point to point dedicated line \ network route from participants to National Grid or is the expectation that the internet is used? If over the internet, then there is no guarantee of availability to National Grid?	EDF Energy	A All interface methods (sFTP, Manual Entry, File upload and Web services) will be included in MODIS. NG can reach an agreement with participants on a preferred route. However, it is for each Market Participant to determine their preferred submission route.

Section 4.1.1.1	8	<p>Next time when Market Participant will login the MODIS system they would be able to see the confirmation/rejection message.</p> <p>We do not expect to re-login to see any failure messages, but instead some kind of polling mechanism employed to avoid the need to re-login.</p>	EDF Energy	<p>R - This only applies to ack/acc/rej when the submission is via GUI on MODIS. The system design will ensure that as soon as there is response from ELEXON the information will be stored in the database and can be viewed. The use may have to go to the status screen to view the information. However, there is no guarantee of when the information will become available from ELEXON/EMFIP hence the reason for the next login being mentioned.</p>	HS
Sample Files	9	<p>Example files show planned outage information at a Half Hourly Level. Since a planned outage may last a number of weeks, is representing it as half hourly data efficient? Generally participant publications represent a planned outages as a single MW level between a from and to date time.</p>	Tom Bowcutt (Centrica Energy)	<p>A: NG: The submission should be made per market time unit , at PT30M resolution with start and end date and time.</p>	
	9	<p>Sample Screens for Manual Data Entry using GUI Form</p> <p>To login into the system, users will be required to provide their unique credentials (i.e. user name and password) which will be authenticated against the NG active directory.</p> <p>How will these be issued? What kind of support is provided within or outside of MODIS for password reset etc?</p>	EDF Energy	<p>A: National Grid has a similar process for EFS and TOGA etc. National Grid will establish a similar process for MODIS, which will be published as soon as this is finalised.</p>	
Section 4.1.3	15	<p>Web Service and Web Service flow</p> <p>What is the security mechanism for these webservices? No authentication mechanism specified or credential mechanism provided in the document.</p> <p>On receiving a Confirmation or Rejection from ELEXON, MODIS will invoke a confirmation web service on the Market Participants system to send the same information.</p> <p>What is the likely time frame in which acknowledgements should be triggered? In the absence of a acknowledgement, should participants attempt to retry, or assume the responsibility for doing so is with MODIS?</p> <p>Rather than participants each defining their own service to receive acknowledgements, National Grid should define a standard for participants to build against.</p> <p>The security mechanism (e.g. client certificates etc) to validate that National Grid is the calling party must be a mandatory from a security or audit perspective to ensure that participants that validate that the acknowledgement has not been spoofed.</p> <p>Sample WSDL</p> <p>Does not appear to be provided. In flattening out the document to a PDF, embedded document links in section 8 have been broken.</p>	EDF Energy	<p>A - The project will provide further information on the authentication mechanism. For example this can based on the user credentials.</p> <p>No time frame currently agreed with ELEXON/EMFIP. MODIS will not be responsible for retry so participants would have to do so.</p> <p>NG will provide the WSDL to build against.</p> <p>Yes - Further details will be provided in the document.</p> <p>- Will provide sample WSDL in zip file</p>	
	16	<p>Definition: OutageService</p> <p>Lots of mentions of input parameters names saying "could be". Difficult for partisans to design and code against without confirmation.</p>	EDF Energy	<p>A - Concrete information on the parameters will be provided during development.</p>	
	16	<p>Service and Port</p> <p>Service: Service available at http://<hostname>:<port>/OutageService/UnavailabilityOfConsumptionUnitWebService Port: Associates the binding with the URI http://<hostname>:<port>/OutageService/UnavailabilityOfConsumptionUnitWebService</p> <p>Shouldn't this be https?</p>	EDF Energy	<p>A - This should be HTTPS</p>	

41 59 - 66	BRD ID: B1510 (A15.1a) - Planned Unavailability of Generation Units Item 12 and beyond - where described as Time Series Class - does this imply a repeated element? What is the link/difference between the Time Elements given in Item 10 / 17/18/19/20 and Item 34 as it's not clear or obvious from the descriptions. Similar comments apply for section 6.3.2 and 6.3.3, and 6.3.4 covering pages 59 - 66	EDF Energy	A - Yes, there could multiple instances of the time series element in a document. 10 - Covers the time interval for the unavailability Whilst 17 / 18 / 19 / 20 are specific to the time series which will be within the time interval defined in 10. The above is the general approach.	
Page 67	6.4.1 - BRD ID: B2010 – Information on Outages of Generation and Consumption Units Most if not all elements state TBA with Elexon - hard to comment on this.	EDF Energy	A - The ELEXON REMIT XSD is now available and information is included in Issue 2.0 of the document.	
3.3 B1510	5	1.2 What is meant by 'A new report is needed when availability changes upwards or downwards by 100 MW or more'? What in this context is a 'report'. Why does it state here to report when availability changes upwards by 100 MW or more? Or to summarise - what is envisaged to be the model of a Planned Unavailability report? What does one look like? (e.g. can we have a diagram of an event start to finish showing clearly the relevance of the data that make up the event - together with a corresponding XML file?)	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The understanding is that report (in XML format) is provided (in Issue 2.0) for when availability changes is >= 100 MW. This could be when it rises with over 100MW or falls below with 100MW. Please note that further clarification on this query was also given at industry briefings held by National Grid. If there is still lack of clarity after the workshop, we can offer to reiterate (and maybe put together some diagrams).
3.3 B1510	5	1.5 The 'available capacity during the event' is not necessarily the 'minimum available generation capacity'. If it is a complete outage (e.g. major overhaul) it will be zero. However, a reportable planned unavailability event can be higher than the minimum available generation capacity - which is likely to be the SEL - Stable Export Level if it is not zero. The 'available capacity during the event' is therefore literally that and not necessarily a minimum availability.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Accept this the correct interpretation of available capacity during the event.
3.3 B1510	5	1.6 The status relates to the document not the availability level. A status of 'cancelled' should apply to when a previously informed unavailability later becomes not necessary. ENTSO-E Outage Process Implementation Guide V3 Section 4.3.2. allows three states - 'default active and 'cancelled' or 'withdrawn' (and these are given later in the document tables.) The status of withdrawn is used where the outage has been informed in error.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - EMFIP MoP states that: "Cancelled status only applies to planned outages." "The withdrawn status is only used to indicate that the outage should be removed" "Note 1: In the case of document the term cancelled refers to the cancellation of a planned unavailability. The term withdrawn refers to unavailability that is erroneous and has to be removed from the transparency platform"
3.3 B1510	5	2 - 'The primary owner of this data is the Generation Unit'. Is this statement required? The data may relate to Generation Unit in a data model but the 'owner' of the data is the Company to which the Generating Unit belongs.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The primary owner/s of the data is either the operators of the generation units It is noted that the data submitters for some units are not the owners of the units themselves.
3.3 B1520	5	1.3 See 1.5 above - same comment applies except for - why does this now say 'net capacity' when it is sufficient to say 'capacity'?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Statement as per EMFIP documentation used in the interface document. There is no notable impact on the documentation from this comment.
3.3 B1520	5	3 - 'The primary owner of this data is the Generation Unit'. Is this statement required? The data may relate to Generation Unit in a data model but the 'owner' of the data is the Company to which the Generating Unit belongs.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The primary owner/s of the data is either the operators of the generation units
3.3 B1530	6	1 and 1.1 - It applies to production units of capacity 200 MW or more and to changes of 100 MW or more in the planned unavailability of the production unit. This is correctly stated in 1.2 but 1 and 1.1 need to be corrected.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Document updated - (Issue 2.0) to clarify this statement is as per EMFIP document: 2.1. This is only required if the planned unavailability is for stations of 200 MW or more.
3.3 B1530	6	1.5 - See comments above on the same statement.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Accept this the correct interpretation of available capacity during the event.
3.3 B1530	6	3 - See similar comment above with regard to 'Generator'	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Document updated for issue 2.0 to clarify this statement is as per EMFIP document: 2.1. This is only required if the planned unavailability is for stations of 200 MW or more.

3.3 B1540	6	1 and 1.1 - It applies to Production Units that have capacity of 200 MW or more and to changes of 100 MW or more in the Planned Unavailability of the Production Unit.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Document updated for issue 2.0 to clarify this statement is as per EMFIP document: This is changes of 100 MW or more in actual availability of a production unit with capacity of 200MW or more expected to last for at least one settlement period.
3.3 B1540	6	1.3 - Why does this say 'net capacity'. Comments as above re. this will not necessarily be the 'minimum available' generation capacity - but it will be the 'available capacity during the event' hence it is a self explanatory statement.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Statement as per EMFIP documentation used in the interface document.
3.3 B1540	6	3 - The primary owner of this data is the Production Unit'. Is this statement required? The data may relate to Production Unit in a data model but the 'owner' of the data is the Company to which the Production Unit belongs.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The primary owner/s of the data is either the operators of the generation units
3.4 B2010	7	1.1.1 and 1.1.2 - For REMIT the threshold is not 100 MW - the messages are to relate to 'inside information' for which there is no specific threshold set by the Regulation (see 1.3)	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Statement corrected as per latest REMIT guidance as per https://www.ofgem.gov.uk/ofgem-publications/88732/ofgemopenletteronremitinsideinformation.pdf
4.1.1.1	10	A single reduced availability event can consist of a set of availabilities at various levels with from/to times. It is not clear from the example how this would be entered to the system.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - This should be added as Timeseries records as shown in the sample screen for A7.1. However, additional text and button added to issue 2.0 of the document to the document and screen sample respectively to show how multiple records can be added.
4.1.1.1	10	For each quantity line it appears that the user can enter a reason code and free text. However, in many cases these could apply to a linked series of reduced availabilities forming a single event.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Reason code is associated to both document and Timeseries as per MoP documentation. Hence the reason for including the "Add Reason" hyperlink to both Timeseries and Document header in the sample screen. I presume you can use the document header "Add Reason" for linked Timeseries.
4.1.1.1	10	The 'add quantity' diagram shows 5 events occurring on the half hour (with resolution at half hour). Why is it necessary to enter data at half hour resolution when the document shows later that minute based data can be loaded to the system. Also what is the relevance of the 'Position' column - what is the use of the 'position' parameter? Is it necessary to enter data at this resolution? When being entered manually can it be input as minute based data? Some worked examples with explanatory diagrams may help to clarify the requirements for Participants.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The screen is an example, data can be entered for the following resolutions PT1M, PT15M, PT30M and PT60M. Position is used to indicate the point of occurrence of the event within the time interval. It is necessary to enter position and quantity information since they are mandatory as per the MoP.
4.1.1.2	11	If a Participant remains logged in to the ETR system will confirmation/rejection messages be clearly displayed as and when they are received?	Chris Gibson/ Paul Coates - RWE Supply & Trading	No. The system will receive and store Acceptance (or confirmation) / Rejection messages as soon as they are received. The user or participants will need to navigate to the status screen to view the responses. Otherwise at next login they will be able to view the same information.
4.1.1.2	12	If data is uploaded using XML is it possible to edit it through the manual entry screens on the system?	Chris Gibson/ Paul Coates - RWE Supply & Trading	R - No.
4.1.2	13	Participants need details on to whom, how and by when do we state our sFTP requirements.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Participants are to agree the details with NG
4.1.3	15	"On receiving a Confirmation or Rejection from ELEXON, MODIS will invoke a confirmation web service on the Market Participants system to send the same information" - Who's writing this web service? Is it Grid and they're giving us the source code to build and install somewhere? Or is it us and Grid are providing the wsdl? Will there be any restrictions on what technology it can be written in or what standards it can adhere to?	Chris Gibson/ Paul Coates - RWE Supply & Trading	WSDL will be provided by IBM through National Grid as the contract between the systems. Participants will need to develop their services just as NG (IBM) will develop the web services for MODIS. NG will not be providing any source code to build or install.
4.1.3	15	Please clarify the authentication approach for Web services. Will this be via approved IP address ranges or utilise User credentials?	Tom Bowcutt (Centrica Energy)	A - It will utilise User credentials.
6	17	Could you explain the use of the Position tag? Will it always be 1 or are there other ways to use it?	Tom Bowcutt (Centrica Energy)	A. Position is used to indicate the point of occurrence of the event within the time interval. The point information (associated to the position) could be 1 or more. The MoP has not defined other ways to use it.
5	17	For Unplanned Actual Availability where (according to the BRS) we can only articulate one BMU can we have the option to use the Generating Unit EIC code as the prefix?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A. The preference is to use the participant's EIC code and not the BMU ID because the convention is not just for "Unplanned Actual Unavailability" but the entire file processing being handled by NG ETR system being built.
6.1.1, 6.1.2, 6.3.1, 6.3.2		Curve type should include the options A02 and A03 - point and variable block size.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The A01 is a coding scheme for any energy identification code. A sample of the usage in XML is given below: <sender_MarketParticipant.mRID codingScheme="A01"> 16 character EIC code </sender_MarketParticipant.mRID> See sample XML file for details.

6.3.2	47	Item 6 - How is the 'A01' code applied - is the MRID comprised of 'A01' and the Market Participant EIC Code? The 'Value' column just shows 'EIC Code'. What is the format required?	Chris Gibson/ Paul Coates - RWE Supply & Trading	The MRID is not comprised of the A01. The A01 is a coding scheme for any energy identification code. A sample of the usage in XML is given below: <sender_MarketParticipant.mRID codingScheme="A01"> 16 character EIC code </sender_MarketParticipant.mRID> See sample XML file for details.
6.3.2	50	Item 22 - Why is the Permitted Curve Type Code 'Sequential fixed size block' - should we not be stating the availability level as point values that apply until the next point value (as given in 'Point Class')?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Solution has been defined to be implemented with the Elexon - BMRS, which accepts the published curve type definition as part of the implemented solution for the National Grid MODIS system implementation.
6.3.2	50	Item 24 - Value field says 'Production Unit BMU ID' - these do not exist - Production Units are a collection of BMUs not a single BMU. Also referred to in the comments. We will need to adopt a convention for the Production Unit ID.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Agreed, there is no production unit BMU ID so document will be changed to Production Unit Name. Our understanding is the station name is the same as the Production Unit Name.
6.3.2	50	Item 25 and all other similar references- Where it says 'is used only for download transmissions but not for upload transmissions' - in which direction is upload & download referred to here. Is the item required in submissions from Market Participants?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Terminology used is as per EMFIP terminology published by ENTSO-E at: https://www.entsoe.eu/Documents/MC%20documents/Transparency%20Platform/Transparency%20platform%20FAQ%20v1r0.pdf This states: Q: What is an upload transmission and what is a download transmission? A: Upload is when you submit data to the platform. Download is when you retrieve published data from the platform.
6.3.2	50	Item 26 - I have reconciled the data item 'Titles' against the ENTSO-E document 'MOP ref06-EMFIP-2-outage-market-document-V3R0-2014-01-24' and can match all the items except number 26 in the list 'PRODUCTION_REGISTEREDRESOURCE.LOCATION.NAME'. This appears to be an additional item?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Agreed. But the LOCATION.NAME is part of the XSD which the reports will be validated against.
6.3.2	50	Item 27 - As for items 6 above - what is the format of the ID as it says it uses 'A01' and the EIC code?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The A01 is a coding scheme for any energy identification code. A sample of the usage in XML is given below: <sender_MarketParticipant.mRID codingScheme="A01"> 16 character EIC code </sender_MarketParticipant.mRID> See sample XML file for details.
6.3.2	51	Item 28 - Value is 'Generating Unit BMU ID or BMU Name'. It would be best to settle on a convention (such as the National Grid BMU ID) so that there is uniformity. Also, some of the units that will need to send data may have National Grid IDs but not Elexon IDs.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Agreed, there is no production unit BMU ID so document will be changed to Production Unit Name. Our understanding is the station name is the same as the Production (station) Unit Name. The concept of a production unit (ETR regulation terminology) will follow the existing definition for a 'station' - aggregation of BMUs.
6.3.2	52	Items 34 to 37 - It would be useful to provide an example (with diagram) of what a reportable event should look like. For example, for an availability reduction event that consists of several values over the whole time period - what would be the time points and quantity values that would constitute the reported event?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - XML hierarchical diagram provided in section 11 of issue 2.0 of the market interface document.
6.3.2	52	Item 35 - What does 'not applicable as per Elexon' mean - do we submit this value? If it is not used then why is it on the manual input screens?	Chris Gibson/ Paul Coates - RWE Supply & Trading	Resolution clarified as: PT60M if the resolution is hourly PT30M if the resolution is half hourly PT15M if the resolution is quarter hourly PT1M if the resolution is for a minute.
6.3.3	56	Items 17-20 and 36/37 - As above, it would be useful to provide an example (with diagram) of what a reportable event would look like.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - XML hierarchical diagram provided in section 11 of issue 2.0 of the market interface document (section 1.0 - page 80).
6.3.3	57	Item 22 - Why is the Permitted Curve Type Code 'Sequential fixed size block' - should we not be stating the availability level as point values that apply until the next point value (as given in 'Point Class')?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Solution has been defined to be implemented with the Elexon - BMRS, which accepts the published curve type definition as part of the implemented solution for the National Grid MODIS system implementation.
6.3.3	57	Item 24 - Value field says 'Production Unit BMU ID' - these do not exist - Production Units are a collection of BMUs not a single BMU. Also referred to in the comments. We will need to adopt a convention for the Production Unit ID.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Agreed, there is no production unit BMU ID so document will be changed to Production Unit Name. Our understanding is the station name is the same as the Production (station) Unit Name. The concept of a production unit (ETR regulation terminology) will follow the existing definition for a 'station' - aggregation of BMUs. Clarification also provided in ETR industry workshop presentation.

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6.3.3	57	Items 24-26 etc. - Issue as before regarding the meaning of upload/download in this context.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Terminology used is as per EMFIP terminology published by ENTSO-E at: https://www.entsoe.eu/Documents/MC%20documents/Transparency%20Platform/Transparency%20platform%20FAQ%20v1r0.pdf This states: Q: What is an upload transmission and what is a download transmission? A: Upload is when you submit data to the platform. Download is when you retrieve published data from the platform.
6.3.3	57	Item 35 - What does 'not applicable as per Elexon' mean - do we submit this value? If it is not used then why is it on the manual input screens?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Resolution clarified as: PT60M if the resolution is hourly PT30M if the resolution is half hourly PT15M if the resolution is quarter hourly PT1M if the resolution is for a minute.
6.3.4	63	Items 17-20 and 36/37 - As above, it would be useful to provide an example (with diagram) of what a reportable event would look like.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - XML hierarchy diagram provided in updated document - Issue 2.0 (section 1, page 80).
6.3.4	64	Item 22 - Why is the Permitted Curve Type Code 'Sequential fixed size block' - should we not be stating the availability level as point values that apply until the next point value (as given in 'Point Class')?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Solution has been defined to be implemented with the Elexon - BMRS, which accepts the published curve type definition as part of the implemented solution for the National Grid MODIS system implementation.
6.3.4	64	Item 24 - Value field says 'Production Unit BMU ID' - these do not exist - Production Units are a collection of BMUs not a single BMU. Also referred to in the comments. We will need to adopt a convention for the Production Unit ID.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Agreed, there is no production unit BMU ID so document will be changed to Production Unit Name. Our understanding is the station name is the same as the Production (station) Unit Name. The concept of a production unit (ETR regulation terminology) will follow the existing definition for a 'station' - aggregation of BMUs. Clarification also provided in ETR industry workshop presentation.
6.3.4	66	Item 35 - What does 'not applicable as per Elexon' mean - do we submit this value? If it is not used then why is it on the manual input screens?	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - Resolution clarified as: PT60M if the resolution is hourly PT30M if the resolution is half hourly PT15M if the resolution is quarter hourly PT1M if the resolution is for a minute.
Whole document	All	By reference to the EMFIP BRS (section 11.7.1 page 236) there are various restrictions on reporting under each category: - Under 15.1 a several Production/Generation Units may be included in a document - Under 15.1.b one Generation/Production Unit may be included - Under 15.1.c one or several Production Units may be included - Under 15.1.d only one Production Unit may be included For 15.1.a & c time intervals in a repeated manner may be given in a document (sections 11.7/11.9) For 15.1 b & d only one time interval may be reported in a document (sections 11.8/11.10) This does not appear to be covered by the Interface document at present.	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The understanding is that Timeseries is used to incorporate as many generation / production units available. This is reflected in the XML /XSD Time intervals is tightly coupled to series period class as indicated in the information model The information model provides the flexibility to have multiple series period for the time interval defining the time series.
8,9	78	XML reports fail validation and missing entso-e XSDs: urn-entsoe-eu-local-extension-types.xsd and urn-entsoe-eu-wgedi-codelists.xsd	Chris Gibson/ Paul Coates - RWE Supply & Trading	A - The additional XSDs mentioned will be provided and it can also be downloaded from the ENTSoE site.
General		Is it worth discussing opportunities to reduce the cost to industry by simplifying the data being sent and reducing impact on existing systems? Some examples: - Do we need to provide Bidding Zone, NG should be aware of the bidding zone for all BM Units? - Could NG maintain the EIC code mapping to existing Participant and BM Unit codes we already have in our systems? - Is reversion number necessary, isn't this implied by the timestamp? - Don't we already provide NG actual Availability of Units via MEL re-decs, why send it again?	Tom Bowcutt (Centrica Energy)	A - Each report submitted by MPs for ETR are for ETR only (MEL provided to BM/EBS cannot be used) will need to conform to the XSD supplied by EMFIP. Bidding Zone, EIC codes etc are required values that need to be submitted by MPs. NG will maintain BMU - EIC mapping. NG evaluated options for using EDL / EDT, during the Industry consultation, during November 2013. It was agreed through this process that the required changes for modifications to these existing data submissions could not be achieved in time for implementation of the regulation ahead of 2014. Please see link to information published on National Grid website.