



European Network of  
Transmission System Operators  
for Electricity

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**ENTSO-E  
INTEROPERABILITY TESTS  
FOR THE MARKET  
APRIL 2015**

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VERSION 1.0

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105

## INTRODUCTION

106 Currently, the IEC 62325 series of standards is composed of:

- 107 • IEC 62325-450 “Profile and context modelling rules” in IS<sup>1</sup> status;
- 108 • IEC 62325-301 “Common information model (CIM) extensions for market” in IS status;
- 109 • IEC 62325-351 “CIM European market model exchange profile” in IS status;
- 110 • IEC 62325-451-1 “Acknowledgement business process and contextual model for CIM  
111 European market” in IS status;
- 112 • IEC 62325-451-2 “Scheduling business process and contextual models for CIM European  
113 market” in IS status;
- 114 • IEC 62325-451-3 “Transmission capacity allocation business process (explicit or implicit  
115 auction) and contextual models for European market” in IS status;
- 116 • IEC 62325-451-4: Settlement and reconciliation business process, contextual and  
117 assembly models for European market in IS status;
- 118 • IEC 62325-451-5: Problem statement and status request business processes, contextual  
119 and assembly models for European market in IS status.
- 120 • IEC 62325-451-6: Publication of Information on Market, contextual and assembly models  
121 for European market in CDV<sup>2</sup> status.

122 ENTSO-E decided to support EIC standards for the harmonization of data exchanges within  
123 the internal European electricity market. This concerns not only the IEC 62325 series but also  
124 the IEC 61970, IEC 61850 and IEC 61968 series.

125 ENTSO-E has developed as “IsBasedOn” dedicated models for the ENTSO-E reserve  
126 resource process (ERRP) and the RGCE (Regional Group Continental Europe) settlement  
127 process and meter value data report. These models have been developed accordingly to IEC  
128 62325-450.

### 129 1 Scope

130 ENTSO-E conducted on 2015-03-30/2015-04-03 the fifth IOP test on the CIM European Style  
131 market profile for the electricity market (IEC 62325) in its premises.

132 The main purpose of these tests was to assess that the stylesheets, allowing the mapping of  
133 ENTSO-E XML instances for ERRP and RGCE processes into CIM European Style market  
134 profile XML instances and vice versa, were properly working.

135 The ENTSO-E XML instances used for these tests have been provided by:

- 136 • RTE : Julien Gaudin and Antony Eng
- 137 • National Grid : Stefan Pantea
- 138 • ADMIE : Sotiris Brakatsoulas and Andreas Papanaklis
- 139 • Elia : Pascal Colette
- 140 • Swissgrid : Günter Schlesiger
- 141 • MAVIR : Tamás Ezer and Péter Rózsa
- 142 • 50Hertz: Dominik Wagner
- 143 • Alstom Grid – Benoit Marie, Alban Rea-Lemerle

144 In addition, XML instances have been generated as mandatory.xml and all.xml to check  
145 various configurations.

---

<sup>1</sup> IS International Standard

<sup>2</sup> CDV: Committee Draft for vote

146 The following documents have been tested:

- 147 • Acknowledgement document (IEC 62325-451-1)
- 148 • Energy Account Report document (IEC 62325-451-4)
- 149 • EERP process document
  - 150 a) Activation document
  - 151 b) Historical activation document
  - 152 c) Merit Order List (MOL) document
  - 153 d) Planned Resource Document
  - 154 e) Redispatch document
  - 155 f) Reserve Allocation document
  - 156 g) Reserve Bid document
  - 157 h) Resource Schedule Anomaly document
  - 158 i) Resource Schedule Confirmation document
- 159 • RGCE process
  - 160 j) Measurement Value document
  - 161 k) RGCE Settlement document

162 These tests enable to confirm that the work carried out within WG EDI to align the ENTSO-E  
163 implementation guides for EERP and RGCE processes to the CIM was properly handled.  
164 Thus, migration from existing ENTSO-E schema to CIM-compliant schema should start, using  
165 these stylesheets.

166 These tests, in addition, enable to identify some slight issues as concerned the management  
167 of the restricted codelists in the ENTSO-E environment for:

- 168 • The energy account document
- 169 • The EERP activation document
- 170 • The EERP reserve bid document
- 171 • The EERP resource schedule anomaly document
- 172 • The EERP resource schedule confirmation document

173 These issues are listed in this report and will be submitted to ENTSO-E WG EDI to update the  
174 corresponding restricted codelists.

175 Finally, these tests enable to check the syntax of the latest ENTSO-E XML schema; the  
176 following errors have been detected and will be submitted to ENTSO-E WG EDI for review:

- 177 • In the first instruction of the XML instance, use of DtdVersion and DtdRelease or use of  
178 noNamespaceSchemaLocation attribute to reference a schema while the XSD schema  
179 defines a target namespace.
- 180 • In the EERP activation document, in the ENTSO-E XSD schema, a typing error was  
181 detected with the name <Allocation~~t~~Identification> instead of <AllocationIdentification>.

## 182 **2 IOP test procedure**

### 183 **2.1 Objective of the IOP tests**

184 The IEC TC 57 series IEC 62325 covers the needs for market exchanges, and IEC 62325-301  
185 describes the CIM (common information model extensions for market).

186 The parts related to “European style market profile”, i.e. IEC 62325-351 and IEC 62325-451-  
187 n, contribute to the further development of the IEM (Internal European Market) by actively  
188 supporting market harmonization.

189 The objective of these IOP tests for market exchanges is to assess that the stylesheets  
 190 developed to convert an ENTSO-E XML instance to an European Style Market Profile XML  
 191 instance and vice versa are working properly and could be used by any market participant to  
 192 ease the migration from ENTSO-E XML instances to IEC XML instances.

193 The stylesheets that have been developed for the ENTSO-E XML instances are listed in Table  
 194 1.

195

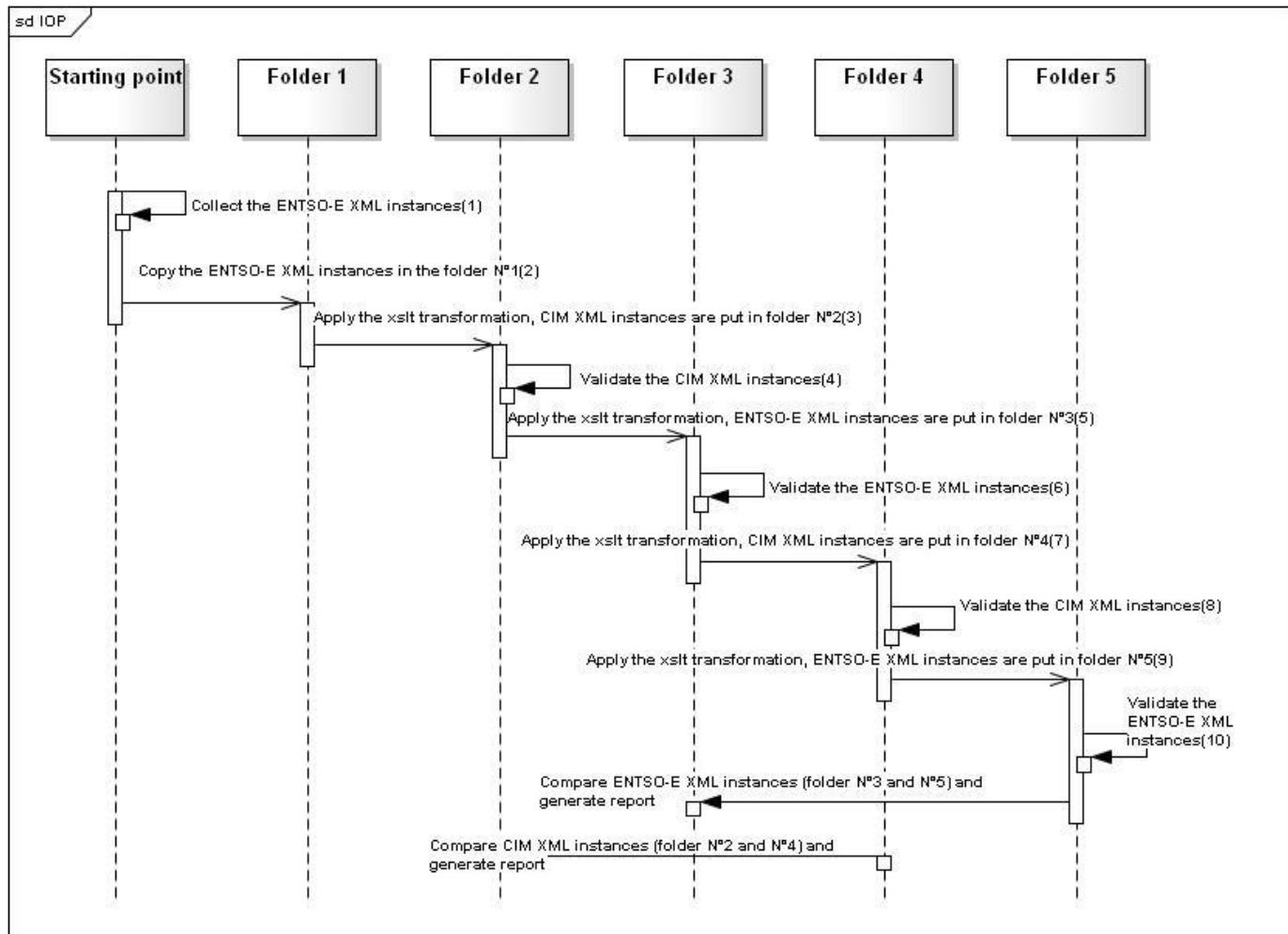
**Table 1 – List of stylesheets**

ENTSO-E Business process	ENTSO-E XML document	IEC XML document	IEC standard
Acknowledgment (ACK)	AcknowledgementDocument	Acknowledgement_MarketDocument	IEC 62325-451-1
ERRP process	ActivationDocument	Activation_MarketDocument	
	HistoricActivationDocument	HistoricalActivation_MarketDocument	
	M0lDocument	MeritOrderList_MarketDocument	
	PlannedResourceScheduleDocument	PlannedResourceSchedule_MarketDocument	
	ReserveAllocationResultDocument	ReserveAllocation_MarketDocument	
	ReserveBidDocument	ReserveBid_MarketDocument	
	RedispatchDocument	Redispatch_MarketDocument	
	ResourceScheduleAnomalyReport	ResourceScheduleAnomaly_MarketDocument	
Settlement process (ESP)	ResourceScheduleConfirmationReport	ResourceScheduleConfirmation_MarketDocument	IEC 62325-451-4
	EnergyAccountReport	EnergyAccount_MarketDocument	
RGCE	MeasurementValueDocument	MeasurementValue_MarketDocument	
	RgceSettlementDocument	RGCEsettlement_MarketDocument	

196 **2.2 IOP test procedure**

197 **2.2.1 Description**

198 For each ENTSO-E document, the steps described in Figure 1 were performed:



199

200

**Figure 1 – IOP test procedure**

201 Then, in the folder N°3, after the step 5, the ENTSO-E XML instances generated are all in the  
202 latest ENTSO-E version and thus validation can be carried out.

## 203 **2.2.2 IOP test tools**

204 In order to carry out these tests, the following tools have been used:

- 205 • XMLSpy from Altova
- 206 • XMLValidatorBuddy
- 207 • WinMerge from Thingamahoochie Software

208 The first two tools enable to validate XML instances versus schema and to perform xslt  
209 transformation.

210 The last tool enables to compare the files contents of different folders and to generate the  
211 comparison report.

## 212 **2.2.3 IOP test settings**

213 The following settings have been used for the various tools:

- 214 • WinMerge: There is no specific setting for WinMerge. The dialog box asked for the two  
215 folders to be compared and the result is displayed as in Figure 2:

Filename	Folder	Comparison result	Left Date	Right Date	Extension
..					
119412433.xml		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:30	xml
119412434.xml		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20101202_CAS_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20101202_CAS_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20101202_CNF_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20110123_CAX_19XCA...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20110522_CAS_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20110724_CAS_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20110930_RDS_10XPL...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20111006_RDL_10XPL...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20111124_RDL_10XPL...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120106_CNF_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120221_ACK_RDI_1...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120302_ACK_RDI_1...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120429_RDL_10XPL...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120618_CAS_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120621_CAS_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120621_CBS_10XCB...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120621_CBS_10XCB...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120621_CBS_19XCB...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120621_CBS_19XCB...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120621_CIC_10XPL...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120621_CIC_10XPL...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120621_CNF_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120622_CAS_19XTS...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120622_RDL_10XPL...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20120625_CAX_19XCA...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20121129_CAS_10XHR...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20121129_CAX_10XHR...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20121130_CAS_10XHR...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml
20121130_CAS_10XHR...		Text files are different	10/07/2014 09:40:02	* 10/07/2014 09:40:32	xml

216

1 item selected

Ready

217

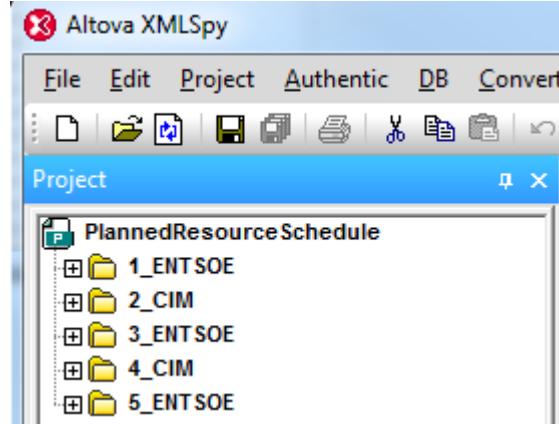
**Figure 2 – WinMerge output**

218

- XMLSpy:

219  
220

- a project is defined with the five folders that will contain the XML instances (see Figure 3)

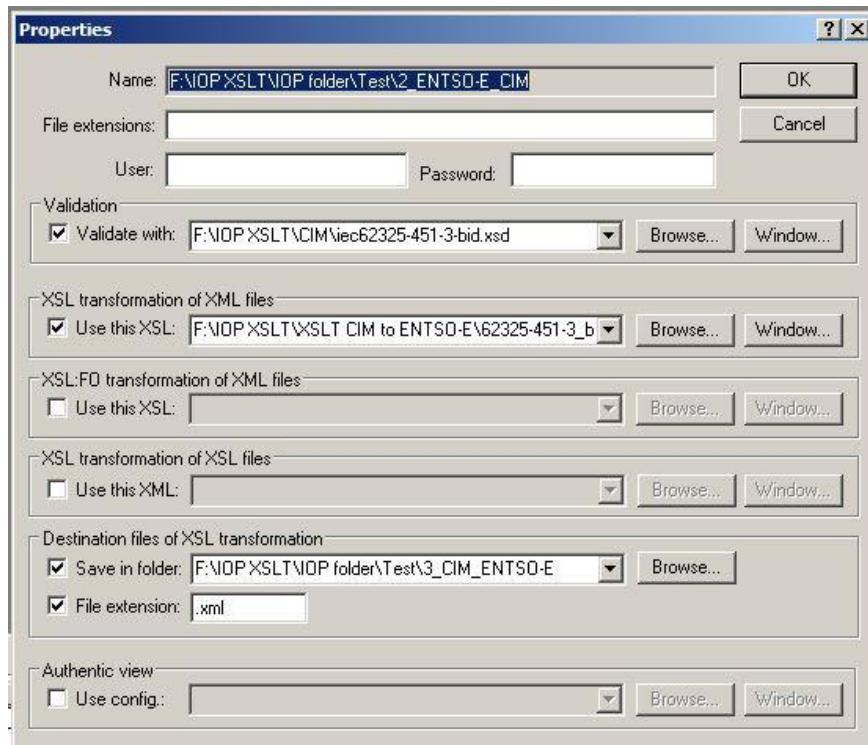


221

**Figure 3 – XMLSpy project**

223  
224

- b) for each folder, the properties are set to define the schema for validation, the xslt for the transformation and the place to write the resulting XML instances –(see Figure 4).

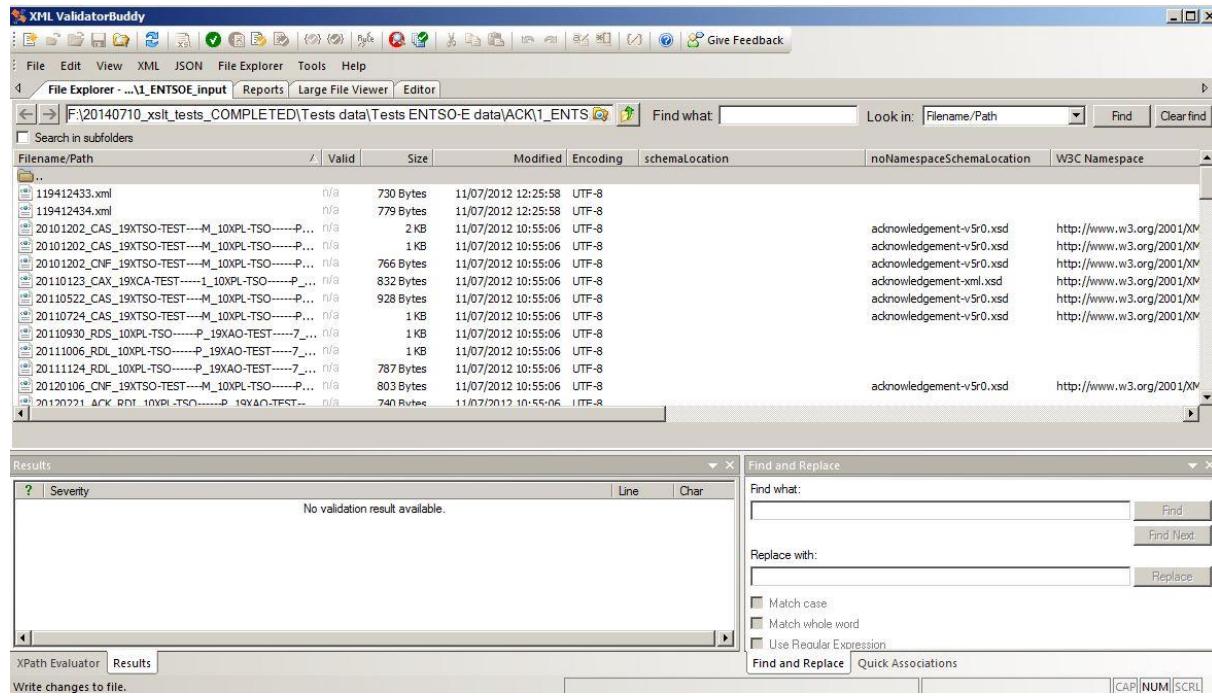


225

226

**Figure 4 – XMLSpy project properties**

- 227 • XMLValidatorBuddy. There is no project management for XMLValidatorBuddy. Thus, each  
228 folder is to be manually selected (see Figure 5) and then the dialogue box is to be used to  
229 provide the location of the xslt to carry out the transformation and the folder name where  
230 to write the XML instances (see Figure 6).



231

232

**Figure 5 – XMLValidatorBuddy folder**

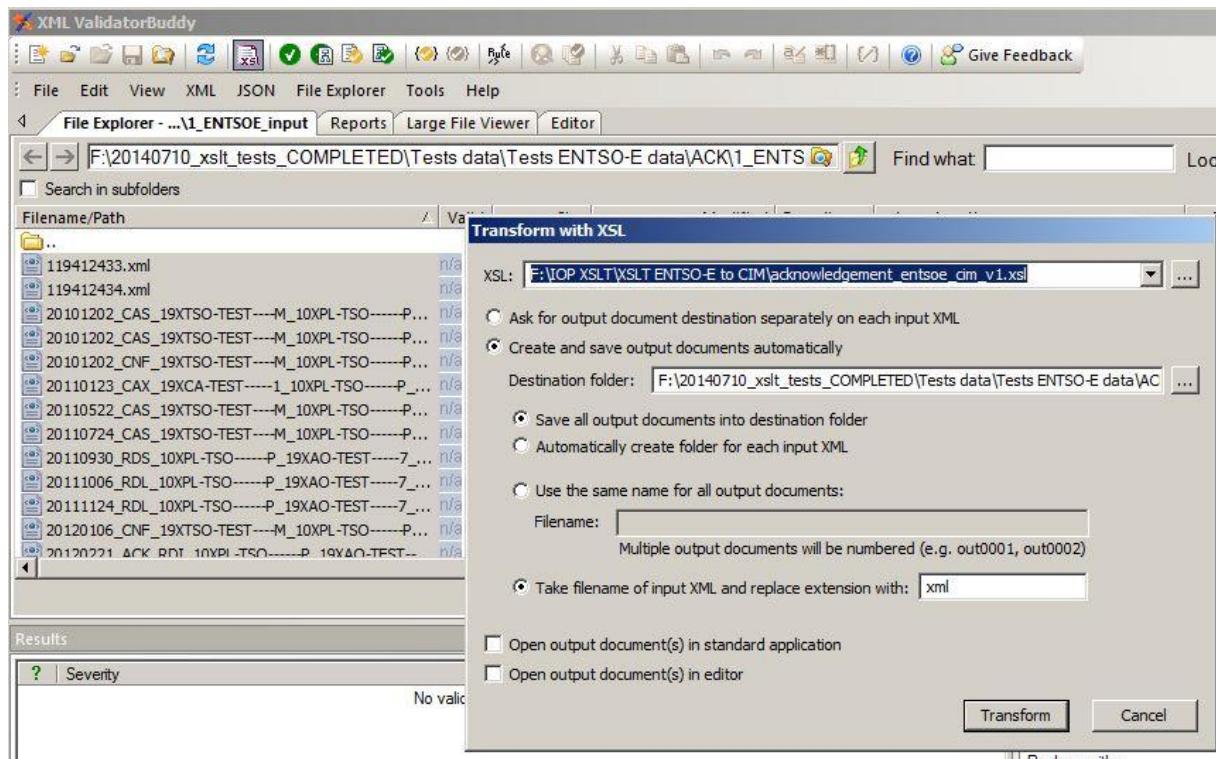
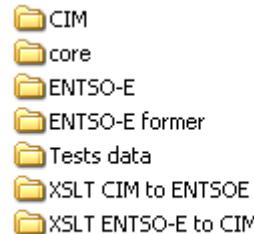


Figure 6 – XMLValidatorBuddy dialog box

233  
234 **2.2.4 Content of the IOP folder.**

235 All the XML instances, xslt and schema used to carry out these tests are provided in a zip file  
236 on the ENTSO-E web site.  
237

238 The zip file contains the folder as displayed in Figure 7:



239  
240 Figure 7 – zip file content

241 The folder "CIM" contains the IEC 62325 schema (see Figure 8)

CIM	
iec62325-451-1-acknowledgement.xsd	iec62325-451-6-generationload.xsd
iec62325-451-2-anomaly.xsd	iec62325-451-6-outage.xsd
iec62325-451-2-confirmation.xsd	iec62325-451-6-transmissionnetwork.xsd
iec62325-451-2-schedule.xsd	iec62325-451-7-activationdocument.xsd
iec62325-451-3-allocation.xsd	iec62325-451-7-historicalactivationdocument.xsd
iec62325-451-3-auctions specification.xsd	iec62325-451-7-moldocument.xsd
iec62325-451-3-bid.xsd	iec62325-451-7-plannedresourceschedule.xsd
iec62325-451-3-capacity.xsd	iec62325-451-7-redispachdocument.xsd
iec62325-451-3-implicit.xsd	iec62325-451-7-reservationallocationresult.xsd
iec62325-451-3-publication.xsd	iec62325-451-7-reservebiddocument.xsd
iec62325-451-3-rights.xsd	iec62325-451-7-resourcescheduleanomaly.xsd
iec62325-451-3-totalallocation.xsd	iec62325-451-7-resourcescheduleconfirmation.xsd
iec62325-451-4-settlement.xsd	iec62325-451-n-measurementvalue.xsd
iec62325-451-4-settlement_v4.xsd	iec62325-451-n-reporting.xsd
iec62325-451-5-problem.xsd	iec62325-451-n-rgecesettlement.xsd
iec62325-451-5-statusrequest.xsd	urn-entsoe-eu-local-extension-types.xsd
iec62325-451-6-balancing.xsd	urn-entsoe-eu-wgedi-codelists.xsd
242	iec62325-451-6-configuration.xsd

243 **Figure 8 – IEC 62325 schema**

244 The folders “core” and “ENTSO-E” contain the core component and the latest ENTSO-E  
245 schema with the restricted codelists. When missing codes are detected at the step 3 (Folder  
246 N°3), then the “original” restricted codelist file is save as a copy and the new codes are added  
247 in the file. As an example for the energyaccount document, the Figure 9 displays the folder  
248 structure in such a case and the Figure 10 shows the content changes.

core	
Name	Date modified
urn-entsoe-eu-local-extension-types.xsd	10/17/2014 9:02 AM
urn-entsoe-eu-wgedi-codelists.xsd	4/1/2015 14:30 PM
urn-entsoe-eu-wgedi-components.xsd	11/19/2012 17:29 PM

249 250 **Figure 9 – Codelist files**

```
<xsd:simpleType name="StandardRestrictedDocumentType">
    <xsd:restriction base="ecl:StandardDocumentTypeList">
        <xsd:enumeration value="A09"/>
        <xsd:enumeration value="A10"/>
        <xsd:enumeration value="A11"/>
        <xsd:enumeration value="A12"/>
        <xsd:enumeration value="A46"/>
        <xsd:enumeration value="A47"/>
        <!-- New codes -->
        <!-- New codes A46 A47-->
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="RestrictedDocumentType">
    <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestriction">
</xsd:simpleType>
<xsd:complexType name="StatusType">
    <xsd:attribute name="v" type="RestrictedStatusType" use="required"/>
</xsd:complexType>
<xsd:simpleType name="StandardRestrictedStatusType">
    <xsd:restriction base="ecl:StandardStatusTypeList">
        <xsd:enumeration value="A01"/>
        <xsd:enumeration value="A02"/>
        <xsd:enumeration value="A12"/>
        <!-- New codes -->
        <!-- New codes A12-->
    </xsd:restriction>
</xsd:simpleType>
```

251

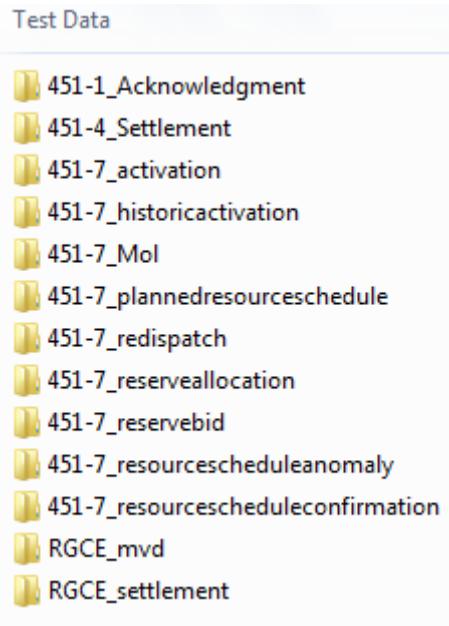
```
</xsd:simpleType>
```

252

#### Figure 10 – Adding new codes

253 The folder “ENTSO-E former” contains all the previous ENTSO-E schema and core components.

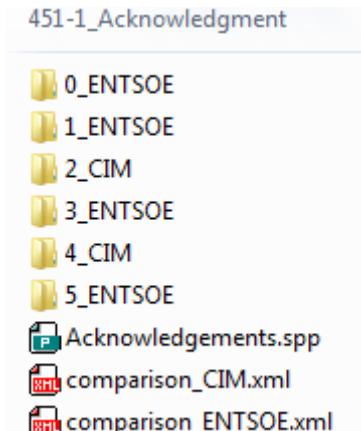
255 The folder “Tests data” contains the ENTSO-E XML instances and all the XML instances generated. The Figure 11 shows the display.



257

258

#### Figure 11 – “Tests data” content



259

**Figure 12 – Details for a specific file**

261 The Figure 12 shows the folders numbered 1 to 5 as per the described test procedure.

262 The files “comparison\_CIM” and “comparison\_ENTSOE” contains the reports generated by  
263 WinMerge.

264 The file “CODE ERROR COLLECTION” is the result of the validation of step 6, i.e. the  
265 validation of ENTSO-E XML instances with the restricted codelists and thus the missing  
266 codes.

267 The folder “XSLT CIM to ENTSOE” contains the stylesheets to convert an IEC 62325 XML  
268 instance into the latest ENTSO-E XML instance.

269 The folder “XSLT ENTSO-E to CIM” contains the stylesheets to convert an ENTSO-E XML  
270 instance into an IEC 62325 XML instance. In addition, a stylesheet “Remove namespace.xslt”  
271 is include in case the original document contains namespace.

**272 3 IOP test results**

**273 3.1 Overview of the IOP test results**

274 For each document, the results of the comparison of the XML instances are provided.

275 As stated, the “original” ENTSO-E XML instances are stored in the folder N°1; the XML  
276 instances in this folder could be of different version, e.g. for the schedule document folder  
277 N°1, there are instances in v2r3, v3r3 and v4r1.

278 The Table 2 provides the results of the comparison of the XML instances in folder N°3 and N°  
279 5, i.e. the resulting XML instances from the xsit transformation.

280 It should be pointed out that all these ENTSO-E XML instances are based on the latest  
281 ENTSO-E schema version.

282 The “Initial version” contains the date and time of the generated files in the folder N°3.

283 The “Final version” contains the date and time of the generated files in the folder N°5.

**284 Table 2 – Comparison ENTSO-E XML instances for X document**

Filename	Status of comparison	Initial version	Final version

285 The Table 3 provides the comparison of the XML instances in folder N°2 and N° 4, i.e. the  
286 resulting XML instances from the xsit transformation.

287 The “Initial version” contains the date and time of the generated files in the folder N°2.

288 The “Final version” contains the date and time of the generated files in the folder N°4.

289 **Table 3 – Comparison CIM XML instances for X document**

Filename	Status of comparison	Initial version	Final version

290 **3.2 ACK – AcknowledgementDocument**

291 **3.2.1 Problems identified**

292 In some of the ENTSO-E XML instances received, the following problems to validate were  
293 encountered:

- 294 • Use of XML instruction encoding with the parameter “ISO-8859-1” instead of “UTF-8”;
- 295 • The XML instance uses the noNamespaceSchemaLocation attribute to reference a  
296 schema while the XSD schema defines a target namespace.
- 297 • In the first XML instruction, use of DtdRelease and DtdVersion.

298 The update of these instructions was carried out.

299 With these corrections, all the received files were valid ENTSO-E XML instances.

300 **3.2.2 Comparison of XML instances**

301 The test was successful and the results are provided in Table 4 and in Table 5.

302 **Table 4 – Comparison ENTSO-E XML instances for acknowledgment document**

Filename	Status of comparison	Initial version	Final version
20141209_SOAM_10YCH-SWISSGRIDZ_10YFR-RTE----- C_001_ACK_2014-12-10T09-38-35Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:51 PM
20141209_SOAM_10YDE-RWENET---I_10YFR-RTE----- C_001_ACK_2014-12-10T08-19-35Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:51 PM
20141209_SOAM_10YFR-RTE-----C_10YBE----- 2_001_ACK_2014-12-10T11-16-35Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:51 PM
20141209_SOAM_10YFR-RTE-----C_10YDE-ENBW----- N_001_ACK_2014-12-10T11-19-01Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:51 PM
20141209_SOAM_10YIT-GRTN-----B_10YFR-RTE----- C_001_ACK_2014-12-10T08-22-36Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:52 PM
20141209_SOMA_10YBE-----2_10YFR-RTE----- C_001_ACK_2014-12-10T08-02-39Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:52 PM
20141209_SOMA_10YCH-SWISSGRIDZ_10YFR-RTE----- C_001_ACK_2014-12-10T08-05-33Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:52 PM
20141209_SOMA_10YCH-SWISSGRIDZ_10YFR-RTE----- C_002_ACK_2014-12-10T09-17-36Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:52 PM
20141209_SOMA_10YDE-ENBW-----N_10YFR-RTE----- C_001_ACK_2014-12-10T08-34-32Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:52 PM
20141209_SOMA_10YDE-RWENET---I_10YFR-RTE----- C_001_ACK_2014-12-10T06-11-34Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:53 PM
20141209_SOMA_10YES-REE-----0_10YFR-RTE----- C_001_ACK_2014-12-10T08-52-33Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:53 PM
20141209_SOMA_10YFR-RTE-----C_10YBE----- 2_001_ACK_2014-12-10T09-06-47Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:53 PM
20141209_SOMA_10YFR-RTE-----C_10YCH- SWISSGRIDZ_001_ACK_2014-12-10T08-10-20Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:53 PM

<b>Filename</b>	<b>Status of comparison</b>	<b>Initial version</b>	<b>Final version</b>
20141209_SOMA_10YFR-RTE-----C_10YCH-SWISSGRIDZ_002_ACK_2014-12-10T09-08-12Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:54 PM
20141209_SOMA_10YFR-RTE-----C_10YDE-ENBW----N_001_ACK_2014-12-10T09-09-03Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:54 PM
20141209_SOMA_10YFR-RTE-----C_10YDE-RWENET---I_001_ACK_2014-12-10T08-06-53Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:54 PM
20141209_SOMA_10YFR-RTE-----C_10YIT-GRTN----B_001_ACK.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:54 PM
20141209_SOMA_10YIT-GRTN----B_10YFR-RTE-----C_001_ACK_2014-12-10T03-03-41Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:54 PM
20141209_SOMA_10YIT-GRTN----B_10YFR-RTE-----C_002_ACK_2014-12-10T08-03-31Z.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:55 PM
acknowledge_SOAM_RTE_REE.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:55 PM
acknowledge_SOMA_RTE_REE.xml	Text files are identical	3/31/2015 14:33:32 PM	3/31/2015 14:33:55 PM

303

304

**Table 5 – Comparison CIM XML instances for acknowledgment document**

<b>Filename</b>	<b>Status of comparison</b>	<b>Initial version</b>	<b>Final version</b>
20141209_SOAM_10YCH-SWISSGRIDZ_10YFR-RTE-----C_001_ACK_2014-12-10T09-38-35Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:08 PM
20141209_SOAM_10YDE-RWENET---I_10YFR-RTE-----C_001_ACK_2014-12-10T08-19-35Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:08 PM
20141209_SOAM_10YFR-RTE-----C_10YBE-----2_001_ACK_2014-12-10T11-16-35Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:08 PM
20141209_SOAM_10YFR-RTE-----C_10YDE-ENBW----N_001_ACK_2014-12-10T11-19-01Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:08 PM
20141209_SOAM_10YIT-GRTN----B_10YFR-RTE-----C_001_ACK_2014-12-10T08-22-36Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:09 PM
20141209_SOMA_10YBE-----2_10YFR-RTE-----C_001_ACK_2014-12-10T08-02-39Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:09 PM
20141209_SOMA_10YCH-SWISSGRIDZ_10YFR-RTE-----C_001_ACK_2014-12-10T08-05-33Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:09 PM
20141209_SOMA_10YCH-SWISSGRIDZ_10YFR-RTE-----C_002_ACK_2014-12-10T09-17-36Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:09 PM
20141209_SOMA_10YDE-ENBW----N_10YFR-RTE-----C_001_ACK_2014-12-10T08-34-32Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:10 PM
20141209_SOMA_10YDE-RWENET---I_10YFR-RTE-----C_001_ACK_2014-12-10T06-11-34Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:10 PM
20141209_SOMA_10YES-REE-----0_10YFR-RTE-----C_001_ACK_2014-12-10T08-52-33Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:10 PM
20141209_SOMA_10YFR-RTE-----C_10YBE-----2_001_ACK_2014-12-10T09-06-47Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:10 PM
20141209_SOMA_10YFR-RTE-----C_10YCH-SWISSGRIDZ_001_ACK_2014-12-10T08-10-20Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:10 PM
20141209_SOMA_10YFR-RTE-----C_10YCH-SWISSGRIDZ_002_ACK_2014-12-10T09-08-12Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:11 PM

Filename	Status of comparison	Initial version	Final version
20141209_SOMA_10YFR-RTE-----C_10YDE-ENBW----N_001_ACK_2014-12-10T09-09-03Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:11 PM
20141209_SOMA_10YFR-RTE-----C_10YDE-RWENET---I_001_ACK_2014-12-10T08-06-53Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:11 PM
20141209_SOMA_10YFR-RTE-----C_10YIT-GRTN----B_001_ACK.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:11 PM
20141209_SOMA_10YIT-GRTN----B_10YFR-RTE-----C_001_ACK_2014-12-10T03-03-41Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:12 PM
20141209_SOMA_10YIT-GRTN----B_10YFR-RTE-----C_002_ACK_2014-12-10T08-03-31Z.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:12 PM
acknowledge_SOAM_RTE_REE.xml	Text files are identical	3/31/2015 14:33:40 PM	3/31/2015 14:34:12 PM
acknowledge_SOMA_RTE_REE.xml	Text files are identical	3/31/2015 14:33:41 PM	3/31/2015 14:34:12 PM

305

### 306 3.3 EAR – ENTSO-E Energy Account Report

#### 307 3.3.1 Problems identified

308 In some of the ENTSO-E XML instances received, the following problems to validate were  
309 encountered:

- 310 • The XML instance uses the noNamespaceSchemaLocation attribute to reference a  
311 schema while the XSD schema defines a target namespace.  
312 • In the first XML instruction, use of DtdRelease and DtdVersion.

313 The update of these instructions was carried out.

314 In addition an error was detected versus the codelist (Table 6), a BusinessType with a value  
315 of A67 was used when this value was not allowed.

316 With these corrections, all the received files were valid ENTSO-E XML instances.

317 **Table 6 – Additional codes for EAR document**

Type of code	Added code
BusinessType	A67

318

#### 319 3.3.2 Comparison of XML instances

320 The test was successful and the results are provided in Table 7 and in Table 8.

321 **Table 7 – Comparison ENTSO-E XML instances for EAR document**

Filename	Status of comparison	Initial version	Final version
20141209_SOAM_10YDE-RWENET---I_10YFR-RTE----C_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:49 PM
20141209_SOAM_10YFR-RTE-----C_10YBE-----2_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:50 PM
20141209_SOAM_10YFR-RTE-----C_10YDE-ENBW----N_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:50 PM
20141209_SOAM_10YFR-RTE-----C_10YES-REE-----0_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:50 PM

20141209_SOAM_10YIT-GRTN----B_10YFR-RTE----C_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:50 PM
20141209_SOVA_10YFR-RTE-----C_10YBE-----2_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:51 PM
20141209_SOVA_10YFR-RTE-----C_10YCH-SWISSGRIDZ_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:51 PM
20141209_SOVA_10YFR-RTE-----C_10YDE-ENBW----N_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:51 PM
20141209_SOVA_10YFR-RTE-----C_10YDE-RWENET---I_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:51 PM
20141209_SOVA_10YFR-RTE-----C_10YES-REE-----0_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:52 PM
20141209_SOVA_10YFR-RTE-----C_10YIT-GRTN----B_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:52 PM
20150313_SOAM_10YDE-ENBW----N_10YBE-----2_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:52 PM
20150313_SOVA_10YBE-----2_10YDE-ENBW----N_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:52 PM
20150317_SOAM_10YCH-SWISSGRIDZ_10YDE-RWENET---I_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:53 PM
20150317_SOVA_10YCH-SWISSGRIDZ_10YDE-RWENET---I_001.xml	Text files are identical	3/31/2015 14:46:27 PM	3/31/2015 14:46:53 PM

322

323

**Table 8 – Comparison CIM XML instances for EAR document**

Filename	Status of comparison	Initial version	Final version
20141209_SOAM_10YDE-RWENET---I_10YFR-RTE----C_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:37 PM
20141209_SOAM_10YFR-RTE-----C_10YBE-----2_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:38 PM
20141209_SOAM_10YFR-RTE-----C_10YDE-ENBW----N_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:38 PM
20141209_SOAM_10YFR-RTE-----C_10YES-REE-----0_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:38 PM
20141209_SOAM_10YIT-GRTN----B_10YFR-RTE----C_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:38 PM
20141209_SOVA_10YFR-RTE-----C_10YBE-----2_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:39 PM
20141209_SOVA_10YFR-RTE-----C_10YCH-SWISSGRIDZ_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:39 PM
20141209_SOVA_10YFR-RTE-----C_10YDE-ENBW----N_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:39 PM
20141209_SOVA_10YFR-RTE-----C_10YDE-RWENET---I_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:39 PM
20141209_SOVA_10YFR-RTE-----C_10YES-REE-----0_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:40 PM
20141209_SOVA_10YFR-RTE-----C_10YIT-GRTN----B_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:40 PM
20150313_SOAM_10YDE-ENBW----N_10YBE-----2_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:40 PM

20150313_SOVA_10YBE-----2_10YDE-ENBW---- N_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:40 PM
20150317_SOAM_10YCH-SWISSGRIDZ_10YDE- RWE.NET---I_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:41 PM
20150317_SOVA_10YCH-SWISSGRIDZ_10YDE- RWE.NET---I_001.xml	Text files are identical	3/31/2015 14:46:18 PM	3/31/2015 14:46:41 PM

324

### 325 3.4 ERRP – ENTSO-E Reserve Resource Process

#### 326 3.4.1 Activation Document

##### 327 3.4.1.1 Problems identified

328 In some of the ENTSO-E XML instances received, the following problems to validate were  
329 encountered:

- 330 • The XML instance uses the noNamespaceSchemaLocation attribute to reference a  
331 schema while the XSD schema defines a target namespace.
- 332 • In the first XML instruction, use of DtdRelease and DtdVersion.
- 333 • The use of attribute <ContractIdentification> instead of <AllocationIdentification>. The  
334 <ContractIdentification> was the name used in previous version of the XML document. In  
335 addition, a typing error was detected with the name <AllocationIdentification>, i.e. the  
336 letter "t" was added.
- 337 • Missing mandatory attributes <ConnectingArea> and <AcquiringArea>.
- 338 • Missing codingScheme for identification of <ResourceObject>.
- 339 • Use of attribute <Price>, not existing in the XML XSD.
- 340 • Use of a double quote ("") at the end of the XML instances.
- 341 • Use of MeasureUnit value "MW" instead of "MAW".

342 The update of these instructions was carried out.

343 In addition errors were detected versus the codelist (Table 9):

- 344 • A codingScheme with value A27 not defined in the codelist.
- 345 • A BusinessType with a value of Z22 not defined in the codelist.
- 346 • A ReasonCodeType with a value of Z04 not defined in the codelist.

347 With these corrections, all the received files were valid ENTSO-E XML instances.

348 **Table 9 – Additional codes for ERRP activation document**

Type of code	Added code
BusinessType	Z22
CodingSchemeType	A27
ReasonCodeType	Z04

349

#### 350 3.4.1.2 Comparison of XML instances

351 The test was successful and the results are provided in Table 10 and in Table 11.

352

**Table 10 – Comparison ENTSO-E XML instances for activation document**

Filename	Status of comparison	Initial version	Final version
20130802_ACO_10YDE-VE-----2_1600-2000_11XDE-TSO-MOLS-Y_11XVE-RESERVE.xml	Text files are identical	3/31/2015 15:40:40 PM	3/31/2015 15:41:06 PM
ACT_REE_REN_20100112_0100_1.xml	Text files are identical	3/31/2015 15:40:40 PM	3/31/2015 15:41:06 PM
ACT_REE_RTE_20131112_1400_17.xml	Text files are identical	3/31/2015 15:40:40 PM	3/31/2015 15:41:07 PM
all.xml	Text files are identical	3/31/2015 15:40:40 PM	3/31/2015 15:41:07 PM
mandatory.xml	Text files are identical	3/31/2015 15:40:40 PM	3/31/2015 15:41:07 PM
ORDER_AAAA_20150204_72.xml	Text files are identical	3/31/2015 15:40:40 PM	3/31/2015 15:41:07 PM
RES_REE_REN_20131112_0100_1.xml	Text files are identical	3/31/2015 15:40:40 PM	3/31/2015 15:41:08 PM
RES_REE_RTE_20120202_1400_18.xml	Text files are identical	3/31/2015 15:40:40 PM	3/31/2015 15:41:08 PM

353

354

**Table 11 – Comparison CIM XML instances for activation document**

Filename	Status of comparison	Initial version	Final version
20130802_ACO_10YDE-VE-----2_1600-2000_11XDE-TSO-MOLS-Y_11XVE-RESERVE.xml	Text files are identical	3/31/2015 15:40:23 PM	3/31/2015 15:40:49 PM
ACT_REE_REN_20100112_0100_1.xml	Text files are identical	3/31/2015 15:40:23 PM	3/31/2015 15:40:49 PM
ACT_REE_RTE_20131112_1400_17.xml	Text files are identical	3/31/2015 15:40:23 PM	3/31/2015 15:40:49 PM
all.xml	Text files are identical	3/31/2015 15:40:23 PM	3/31/2015 15:40:50 PM
mandatory.xml	Text files are identical	3/31/2015 15:40:23 PM	3/31/2015 15:40:50 PM
ORDER_AAAA_20150204_72.xml	Text files are identical	3/31/2015 15:40:23 PM	3/31/2015 15:40:50 PM
RES_REE_REN_20131112_0100_1.xml	Text files are identical	3/31/2015 15:40:23 PM	3/31/2015 15:40:50 PM
RES_REE_RTE_20120202_1400_18.xml	Text files are identical	3/31/2015 15:40:23 PM	3/31/2015 15:40:51 PM

355

### 3.4.2 Historical activation document

#### 3.4.2.1 Comparison of XML instances

The test was successful and the results are provided in Table 12 and in Table 13.

**Table 12 – Comparison ENTSO-E XML instances for historical activation document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	3/31/2015 15:43:42 PM	3/31/2015 15:44:01 PM

Filename	Status of comparison	Initial version	Final version
mandatory.xml	Text files are identical	3/31/2015 15:43:42 PM	3/31/2015 15:44:01 PM

360

361 **Table 13 – Comparison CIM XML instances for historical activation document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	3/31/2015 15:43:33 PM	3/31/2015 15:43:49 PM
mandatory.xml	Text files are identical	3/31/2015 15:43:33 PM	3/31/2015 15:43:49 PM

362

363 **3.4.3 Merit order list (MOL) Document**

364 **3.4.3.1 Problems identified**

365 In some of the ENTSO-E XML instances received, the following problems to validate were  
366 encountered:

- In the first XML instruction, use of DtdRelease and DtdVersion.
- Use of attribute <Qty> instead of <BidQty>

369 The update of this instruction was carried out.

370 With these corrections, all the received files were valid ENTSO-E XML instances.

371 **3.4.3.2 Comparison of XML instances**

372 The test was successful and the results are provided in Table 14 and in Table 15.

373 **Table 14 – Comparison ENTSO-E XML instances for Merit order list (MOL) document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	3/31/2015 15:49:44 PM	3/31/2015 15:50:00 PM
mandatory.xml	Text files are identical	3/31/2015 15:49:44 PM	3/31/2015 15:50:00 PM
MOL_20141112_0200_0300.xml	Text files are identical	3/31/2015 15:49:44 PM	3/31/2015 15:50:00 PM

374

375 **Table 15 – Comparison CIM XML instances for Merit order list (MOL)document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	3/31/2015 15:49:21 PM	3/31/2015 15:49:53 PM
mandatory.xml	Text files are identical	3/31/2015 15:49:21 PM	3/31/2015 15:49:53 PM
MOL_20141112_0200_0300.xml	Text files are identical	3/31/2015 15:49:22 PM	3/31/2015 15:49:53 PM

376

377 **3.4.4 Planned resource schedule Document**

378 **3.4.4.1 Problems identified**

379 In some of the ENTSO-E XML instances received, the following problems to validate were  
380 encountered:

- 381    • The XML instance uses the noNamespaceSchemaLocation attribute to reference a  
382    schema while the XSD schema defines a target namespace.  
383    • In the first XML instruction, use of DtdRelease and DtdVersion. The update of these  
384    instructions was carried out.  
385    • Use of attribute <DocumentDateTime> instead of <CreationDateTime>  
386    With these corrections, all the received files were valid ENTSO-E XML instances.

### 387    3.4.4.2    Comparison of XML instances

388    The test was successful and the results are provided in Table 16 and in Table 17.

389    **Table 16 – Comparison ENTSO-E XML instances for planned resource schedule  
390    document**

Filename	Status of comparison	Initial version	Final version
20140827_A14_9911819000001_991184500009_1110_002.xml	Text files are identical	3/31/2015 15:55:02 PM	3/31/2015 15:55:16 PM
20140831_A14_991185400008_10XDE-VE- TRANSMK_0001_001.xml	Text files are identical	3/31/2015 15:55:02 PM	3/31/2015 15:55:16 PM
all.xml	Text files are identical	3/31/2015 15:55:02 PM	3/31/2015 15:55:16 PM
mandatory.xml	Text files are identical	3/31/2015 15:55:03 PM	3/31/2015 15:55:17 PM

391

392    **Table 17 – Comparison CIM XML instances for planned resource schedule document**

Filename	Status of comparison	Initial version	Final version
20140827_A14_9911819000001_991184500009_1110_002.xml	Text files are identical	3/31/2015 15:54:54 PM	3/31/2015 15:55:09 PM
20140831_A14_991185400008_10XDE-VE- TRANSMK_0001_001.xml	Text files are identical	3/31/2015 15:54:54 PM	3/31/2015 15:55:09 PM
all.xml	Text files are identical	3/31/2015 15:54:55 PM	3/31/2015 15:55:10 PM
mandatory.xml	Text files are identical	3/31/2015 15:54:55 PM	3/31/2015 15:55:10 PM

393

### 394    3.4.5    Reserve allocation Document

#### 395    3.4.5.1    Problems identified

396    In some of the ENTSO-E XML instances received, the following problems to validate were  
397    encountered:

- 398    • The XML instance uses the noNamespaceSchemaLocation attribute to reference a  
399    schema while the XSD schema defines a target namespace.  
400    • In the first XML instruction, use of DtdRelease and DtdVersion.  
401    • Use of attributes <InArea> and <OutArea> instead of <AcquiringArea> and  
402    <ConnectingArea> respectively.  
403    The update of these instructions was carried out.  
404    With these corrections, all the received files were valid ENTSO-E XML instances.

405 **3.4.5.2 Comparison of XML instances**

406 The test was successful and the results are provided in Table 18 and in Table 19.

407 **Table 18 – Comparison ENTSO-E XML instances for reserve allocation document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	4/1/2015 13:32:19 PM	4/1/2015 13:32:38 PM
AR_20141112_2300_0000.xml	Text files are identical	4/1/2015 13:32:19 PM	4/1/2015 13:32:38 PM
EXAMPLE_20140526_ARD_PRL_14_KW22_12XSDL-CCS-----1_10XCH-SWISSGRIDC_001.xml	Text files are identical	4/1/2015 13:32:19 PM	4/1/2015 13:32:39 PM
EXAMPLE_20140526_ARD_PRL_2014_KW22_12XSDL-CCS-----110X1001A1001A361_001.xml	Text files are identical	4/1/2015 13:32:19 PM	4/1/2015 13:32:39 PM
EXAMPLE_20140526_ARD_PRL_2014_KW22_12XSDL-CCS-----1_10XAT-APG-----Z_001.xml	Text files are identical	4/1/2015 13:32:19 PM	4/1/2015 13:32:39 PM
EXAMPLE_20140526_ARD_PRL_2014_KW22_12XSDL-CCS-----1_10XDE-NRV-----2_001.xml	Text files are identical	4/1/2015 13:32:19 PM	4/1/2015 13:32:39 PM
mandatory.xml	Text files are identical	4/1/2015 13:32:19 PM	4/1/2015 13:32:40 PM

408

409 **Table 19 – Comparison CIM XML instances for reserve allocation document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	4/1/2015 13:32:07 PM	4/1/2015 13:32:29 PM
AR_20141112_2300_0000.xml	Text files are identical	4/1/2015 13:32:07 PM	4/1/2015 13:32:29 PM
EXAMPLE_20140526_ARD_PRL_14_KW22_12XSDL-CCS-----1_10XCH-SWISSGRIDC_001.xml	Text files are identical	4/1/2015 13:32:07 PM	4/1/2015 13:32:29 PM
EXAMPLE_20140526_ARD_PRL_2014_KW22_12XSDL-CCS-----110X1001A1001A361_001.xml	Text files are identical	4/1/2015 13:32:07 PM	4/1/2015 13:32:29 PM
EXAMPLE_20140526_ARD_PRL_2014_KW22_12XSDL-CCS-----1_10XAT-APG-----Z_001.xml	Text files are identical	4/1/2015 13:32:07 PM	4/1/2015 13:32:30 PM
EXAMPLE_20140526_ARD_PRL_2014_KW22_12XSDL-CCS-----1_10XDE-NRV-----2_001.xml	Text files are identical	4/1/2015 13:32:07 PM	4/1/2015 13:32:30 PM

Filename	Status of comparison	Initial version	Final version
mandatory.xml	Text files are identical	4/1/2015 13:32:07 PM	4/1/2015 13:32:30 PM

410

#### 411 3.4.6 Reserve bid Document

##### 412 3.4.6.1 Problems identified

413 In some of the ENTSO-E XML instances received, the following problems to validate were  
414 encountered:

- 415 • The XML instance uses the noNamespaceSchemaLocation attribute to reference a  
416 schema while the XSD schema defines a target namespace.
- 417 • In the first XML instruction, use of DtdRelease and DtdVersion.
- 418 • Use of attributes <InArea> and <OutArea> instead of <AcquiringArea> and  
419 <ConnectingArea> respectively.
- 420 • Use of milliseconds in the attribute <CreationDateTime> when the format is HH-MM-SSZ
- 421 • Duplication of attribute <Price> lines, when the second line shall be <EnergyPrice>
- 422 • Use of the attribute <TechnicalLimit> not existing in the ENTSO-E schema.

423 The update of these instructions was carried out.

424 In addition errors were detected versus the codelist (Table 20):

- 425 • A new currency is used SAR for Saudi Arabian Riyal in the currency type list.
  - 426 • Use of businessType Z02 not available in the codelist and changed to an accepted one.
- 427 With these corrections, all the received files were valid ENTSO-E XML instances.

428 **Table 20 – Additional codes for reserve bid document**

Type of code	Added code
CurrencyType	SAR

429

##### 430 3.4.6.2 Comparison of XML instances

431 The test was successful and the results are provided in Table 21 and in Table 22.

432 **Table 21 – Comparison ENTSO-E XML instances for Reserve bid document**

Filename	Status of comparison	Initial version	Final version
01_SEC_PR-CL-Y-PR-----130101-01_1.xml	Text files are identical	4/1/2015 14:37:13 PM	4/1/2015 14:37:32 PM
all.xml	Text files are identical	4/1/2015 14:37:13 PM	4/1/2015 14:37:33 PM
mandatory.xml	Text files are identical	4/1/2015 14:37:14 PM	4/1/2015 14:37:33 PM
NG_20121114_1300.xml	Text files are identical	4/1/2015 14:37:14 PM	4/1/2015 14:37:33 PM
RBID_MY_EG_20140828_3.xml	Text files are identical	4/1/2015 14:37:14 PM	4/1/2015 14:37:33 PM
REE_20141112_1600.xml	Text files are identical	4/1/2015 14:37:14 PM	4/1/2015 14:37:34 PM

Filename	Status of comparison	Initial version	Final version
REN_20141112_0200.xml	Text files are identical	4/1/2015 14:37:14 PM	4/1/2015 14:37:34 PM
RTE_20101112_0200.xml	Text files are identical	4/1/2015 14:37:15 PM	4/1/2015 14:37:34 PM
Secondary_Bid_20150317.xml	Text files are identical	4/1/2015 14:37:15 PM	4/1/2015 14:37:34 PM
Tertiary_Bid_20150317.xml	Text files are identical	4/1/2015 14:37:15 PM	4/1/2015 14:37:35 PM

433

434

**Table 22 – Comparison CIM XML instances for Reserve bid document**

Filename	Status of comparison	Initial version	Final version
01_SEC_PR-CL-Y-PR-----130101-01_1.xml	Text files are different	4/1/2015 14:35:58 PM	4/1/2015 14:37:23 PM
all.xml	Text files are identical	4/1/2015 14:33:41 PM	4/1/2015 14:37:24 PM
mandatory.xml	Text files are identical	4/1/2015 14:33:41 PM	4/1/2015 14:37:24 PM
NG_20121114_1300.xml	Text files are identical	4/1/2015 14:33:41 PM	4/1/2015 14:37:24 PM
RBID_MY_EG_20140828_3.xml	Text files are identical	4/1/2015 14:33:41 PM	4/1/2015 14:37:24 PM
REE_20141112_1600.xml	Text files are identical	4/1/2015 14:33:41 PM	4/1/2015 14:37:24 PM
REN_20141112_0200.xml	Text files are identical	4/1/2015 14:33:42 PM	4/1/2015 14:37:25 PM
RTE_20101112_0200.xml	Text files are identical	4/1/2015 14:33:42 PM	4/1/2015 14:37:25 PM
Secondary_Bid_20150317.xml	Text files are identical	4/1/2015 14:33:42 PM	4/1/2015 14:37:25 PM
Tertiary_Bid_20150317.xml	Text files are identical	4/1/2015 14:33:42 PM	4/1/2015 14:37:25 PM

435

#### 436 3.4.7 Redispatch Document

##### 437 3.4.7.1 Comparison of XML instances

438 The test was successful and the results are provided in Table 23 and in Table 24.

439 **Table 23 – Comparison ENTSO-E XML instances for Redispatch document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	3/31/2015 14:11:09 PM	3/31/2015 14:10:39 PM
mandatory.xml	Text files are identical	3/31/2015 14:11:09 PM	3/31/2015 14:10:39 PM

440

441

**Table 24 – Comparison CIM XML instances for Redispatch document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	3/31/2015 14:04:55 PM	3/31/2015 14:11:55 PM
mandatory.xml	Text files are identical	3/31/2015 14:01:39 PM	3/31/2015 14:10:57 PM

442

#### 443 **3.4.8 Resource schedule anomaly Document**

##### 444 **3.4.8.1 Problems identified**

445 Errors were detected versus the codelist (Table 25):

- 446 • a RoleTypeList code of value A34 is used.

- 447 • a ReasonCodeTypeList code of value A91 is used.

448 With these corrections, all the received files were valid ENTSO-E XML instances.

449 **Table 25 – Additional codes for resource schedule anomaly document**

Type of code	Added code
RoleTypeList	A34
ReasonCodeType	A91

450

##### 451 **3.4.8.2 Comparison of XML instances**

452 The test was successful and the results are provided in Table 26 and in Table 27.

453 **Table 26 – Comparison ENTSO-E XML instances for resource schedule anomaly document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	4/1/2015 14:44:56 PM	4/1/2015 14:45:10 PM
EXAMPLE_ANO_APG_NL_Message fully rejected.xml	Text files are identical	4/1/2015 14:44:56 PM	4/1/2015 14:45:10 PM
EXAMPLE_ANO_APG_NL_tender_missing.xml	Text files are identical	4/1/2015 14:44:56 PM	4/1/2015 14:45:11 PM
mandatory.xml	Text files are identical	4/1/2015 14:44:56 PM	4/1/2015 14:45:11 PM

455

456 **Table 27 – Comparison CIM XML instances for resource schedule anomaly document**

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	4/1/2015 14:44:47 PM	4/1/2015 14:45:02 PM
EXAMPLE_ANO_APG_NL_Message fully rejected.xml	Text files are identical	4/1/2015 14:44:47 PM	4/1/2015 14:45:02 PM
EXAMPLE_ANO_APG_NL_tender_missing.xml	Text files are identical	4/1/2015 14:44:47 PM	4/1/2015 14:45:02 PM

Filename	Status of comparison	Initial version	Final version
mandatory.xml	Text files are identical	4/1/2015 14:44:47 PM	4/1/2015 14:45:02 PM

457

#### 458 **3.4.9 Resource schedule confirmation Document**

##### 459 **3.4.9.1 Problems identified**

460 Errors were detected versus the codelist (Table 28):

- 461 • a RoleTypeList code of value A34 is used.

462 With this correction, all the received files were valid ENTSO-E XML instances.

463 **Table 28 – Additional codes for resource schedule confirmation document**

Type of code	Added code
RoleTypeList	A34

464

##### 465 **3.4.9.2 Comparison of XML instances**

466 The test was successful and the results are provided in Table 29 and in Table 30.

467 **Table 29 – Comparison ENTSO-E XML instances for resource schedule confirmation document**

Filename	Status of comparison	Initial version	Final version
20140526_fCNF_PRL_14_KW22_AT-CH_12XSDL-CCS-----1_10X1001A1001A361_001.xml	Text files are identical	4/1/2015 14:50:08 PM	4/1/2015 14:50:24 PM
20140526_fCNF_PRL_14_KW22_AT-CH_12XSDL-CCS-----1_10XAT-APG-----Z_001.xml	Text files are identical	4/1/2015 14:50:08 PM	4/1/2015 14:50:24 PM
20140526_fCNF_PRL_14_KW22_AT-CH_12XSDL-CCS-----1_10XCH-SWISSGRIDC_001.xml	Text files are identical	4/1/2015 14:50:09 PM	4/1/2015 14:50:24 PM
20140526_fCNF_PRL_14_KW22_AT-CH_12XSDL-CCS-----1_10XDE-NRV-----2_001.xml	Text files are identical	4/1/2015 14:50:09 PM	4/1/2015 14:50:24 PM
20140526_iCNF_PRL_14_KW22_10XCH-SWISSGRIDC_12XSDL-CCS-----1_001.xml	Text files are identical	4/1/2015 14:50:09 PM	4/1/2015 14:50:25 PM
20140526_iCNF_PRL_2014_KW22_10X1001A1001A361_12XSDL-CCS-----1_001.xml	Text files are identical	4/1/2015 14:50:09 PM	4/1/2015 14:50:25 PM
20140526_iCNF_PRL_2014_KW22_10XAT-APG-----Z_12XSDL-CCS-----1_001.xml	Text files are identical	4/1/2015 14:50:10 PM	4/1/2015 14:50:25 PM
20140526_iCNF_PRL_2014_KW22_10XDE-NRV-----2_12XSDL-CCS-----1_001.xml	Text files are identical	4/1/2015 14:50:10 PM	4/1/2015 14:50:25 PM
all.xml	Text files are identical	4/1/2015 14:50:10 PM	4/1/2015 14:50:26 PM

Filename	Status of comparison	Initial version	Final version
mandatory.xml	Text files are identical	4/1/2015 14:50:10 PM	4/1/2015 14:50:26 PM

469

470 **Table 30 – Comparison CIM XML instances for resource schedule confirmation**  
471 **document**

Filename	Status of comparison	Initial version	Final version
20140526_fCNF_PRL_14_KW22_AT-CH_12XSDL-CCS-----1_10X1001A1001A361_001.xml	Text files are identical	4/1/2015 14:49:59 PM	4/1/2015 14:50:17 PM
20140526_fCNF_PRL_14_KW22_AT-CH_12XSDL-CCS-----1_10XAT-APG-----Z_001.xml	Text files are identical	4/1/2015 14:49:59 PM	4/1/2015 14:50:17 PM
20140526_fCNF_PRL_14_KW22_AT-CH_12XSDL-CCS-----1_10XCH-SWISSGRIDC_001.xml	Text files are identical	4/1/2015 14:50:00 PM	4/1/2015 14:50:17 PM
20140526_fCNF_PRL_14_KW22_AT-CH_12XSDL-CCS-----1_10XDE-NRV-----2_001.xml	Text files are identical	4/1/2015 14:50:00 PM	4/1/2015 14:50:17 PM
20140526_iCNF_PRL_14_KW22_10XCH-SWISSGRIDC_12XSDL-CCS-----1_001.xml	Text files are identical	4/1/2015 14:50:00 PM	4/1/2015 14:50:18 PM
20140526_iCNF_PRL_2014_KW22_10X1001A1001A361_12XSDL-CCS-----1_001.xml	Text files are identical	4/1/2015 14:50:00 PM	4/1/2015 14:50:18 PM
20140526_iCNF_PRL_2014_KW22_10XAT-APG-----Z_12XSDL-CCS-----1_001.xml	Text files are identical	4/1/2015 14:50:00 PM	4/1/2015 14:50:18 PM
20140526_iCNF_PRL_2014_KW22_10XDE-NRV-----2_12XSDL-CCS-----1_001.xml	Text files are identical	4/1/2015 14:50:01 PM	4/1/2015 14:50:18 PM
all.xml	Text files are identical	4/1/2015 14:50:01 PM	4/1/2015 14:50:19 PM
mandatory.xml	Text files are identical	4/1/2015 14:50:01 PM	4/1/2015 14:50:19 PM

472

473 **3.5 RGCE processes**

474 **3.5.1 Measurement value document**

475 **3.5.1.1 Problems identified**

476 In some of the ENTSO-E XML instances received, the following problems to validate were  
477 encountered:

- 478 • The XML instance uses the noNamespaceSchemaLocation attribute to reference a  
479 schema while the XSD schema defines a target namespace.  
480 • In the first XML instruction, use of DtdRelease and DtdVersion.

- 481    • Error in the structure of the document with missing header information, such as document  
482    type, sender, receiver etc.  
483    • For the optional attribute <Qual> the value was set to "", when the line of the attribute  
484    should not be provided.  
485    • Use of non-significant zeros in the value of the attribute <RevisionNumber> (e.g. "001"  
486    instead of "1")

487    The update of these instructions was carried out.

488    With these corrections, all the received files were valid ENTSO-E XML instances.

### 489    3.5.1.2    Comparison of XML instances

490    The test was successful and the results are provided in Table 31 and in Table 32.

491    **Table 31 – Comparison ENTSO-E XML instances for measurement value document**

Filename	Status of comparison	Initial version	Final version
20100429_SOVM_10YCH-SWISSGRIDZ_10YCH-SWISSGRIDZ_001.xml	Text files are identical	4/1/2015 15:11:28 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YBE-----2_10YFR-RTE----C_001.xml	Text files are identical	4/1/2015 15:11:28 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YCH-SWISSGRIDZ_10YFR-RTE----C_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YCH-SWISSGRIDZ_10YFR-RTE----C_002.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YDE-ENBW----N_10YFR-RTE----C_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YDE-RWENET---I_10YFR-RTE----C_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YES-REE----0_10YFR-RTE---C_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YFR-RTE----C_10YBE-----2_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YFR-RTE----C_10YCH-SWISSGRIDZ_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YFR-RTE----C_10YCH-SWISSGRIDZ_002.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YFR-RTE----C_10YDE-ENBW----N_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YFR-RTE----C_10YDE-RWENET---I_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YFR-RTE----C_10YES-REE---0_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YFR-RTE----C_10YIT-GRTN-B_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YIT-GRTN----B_10YFR-RTE---C_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20141209_SOMA_10YIT-GRTN----B_10YFR-RTE---C_002.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20150301_SOMA_10YGR-HTSO----Y_10YAL-KESH----5_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM
20150301_SOMA_10YGR-HTSO----Y_10YTR-TEIAS---W_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:44 PM

Filename	Status of comparison	Initial version	Final version
20150314_SOMA_10YCH-SWISSGRIDZ_10YDE-RWENET---I_001.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:45 PM
all.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:45 PM
mandatory.xml	Text files are identical	4/1/2015 15:11:29 PM	4/1/2015 15:11:45 PM

492

493

**Table 32 – Comparison CIM XML instances for measurement value document**

Filename	Status of comparison	Initial version	Final version
20100429_SOVM_10YCH-SWISSGRIDZ_10YCH-SWISSGRIDZ_001.xml	Text files are identical	4/1/2015 15:11:17 PM	4/1/2015 15:11:36 PM
20141209_SOMA_10YBE-----2_10YFR-RTE----C_001.xml	Text files are identical	4/1/2015 15:11:17 PM	4/1/2015 15:11:36 PM
20141209_SOMA_10YCH-SWISSGRIDZ_10YFR-RTE----C_001.xml	Text files are identical	4/1/2015 15:11:17 PM	4/1/2015 15:11:36 PM
20141209_SOMA_10YCH-SWISSGRIDZ_10YFR-RTE----C_002.xml	Text files are identical	4/1/2015 15:11:17 PM	4/1/2015 15:11:36 PM
20141209_SOMA_10YDE-ENBW----N_10YFR-RTE----C_001.xml	Text files are identical	4/1/2015 15:11:17 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YDE-RWENET---I_10YFR-RTE----C_001.xml	Text files are identical	4/1/2015 15:11:17 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YES-REE----0_10YFR-RTE---C_001.xml	Text files are identical	4/1/2015 15:11:17 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YFR-RTE----C_10YBE-----2_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YFR-RTE----C_10YCH-SWISSGRIDZ_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YFR-RTE----C_10YCH-SWISSGRIDZ_002.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YFR-RTE----C_10YDE-ENBW----N_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YFR-RTE----C_10YDE-RWENET---I_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YFR-RTE----C_10YES-REE---0_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YFR-RTE----C_10YIT-GRTN-B_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YIT-GRTN----B_10YFR-RTE---C_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20141209_SOMA_10YIT-GRTN----B_10YFR-RTE---C_002.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20150301_SOMA_10YGR-HTSO----Y_10YAL-KESH----5_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20150301_SOMA_10YGR-HTSO----Y_10YTR-TEIAS---W_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
20150314_SOMA_10YCH-SWISSGRIDZ_10YDE-RWENET---I_001.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM

Filename	Status of comparison	Initial version	Final version
all.xml	Text files are identical	4/1/2015 15:11:18 PM	4/1/2015 15:11:37 PM
mandatory.xml	Text files are identical	4/1/2015 15:11:19 PM	4/1/2015 15:11:37 PM

494

### 495 3.5.2 RGCE settlement Document

#### 496 3.5.2.1 Problems identified

497 In some of the ENTSO-E XML instances received, the following problems to validate were  
498 encountered:

- 499 • The XML instance uses the noNamespaceSchemaLocation attribute to reference a  
500 schema while the XSD schema defines a target namespace.
- 501 • In the first XML instruction, use of DtdRelease and DtdVersion.
- 502 • Invalid XML structure, such as duplicate <TimeSeries> and missing ">" at the end of an  
503 attribute value.

504 The update of these instructions was carried out.

505 With these corrections, all the received files were valid ENTSO-E XML instances.

#### 506 3.5.2.2 Comparison of XML instances

507 The test was successful and the results are provided in Table 33 and in Table 34.

508 **Table 33 – Comparison ENTSO-E XML instances for RGCE settlement document**

Filename	Status of comparison	Initial version	Final version
20141201_CBSRw_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:48 PM	4/1/2015 15:18:19 PM
20141204_CBSRd_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:48 PM	4/1/2015 15:18:19 PM
20141205_CBSRd_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:48 PM	4/1/2015 15:18:19 PM
20141206_CBSRd_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:49 PM	4/1/2015 15:18:20 PM
20141207_CBSRd_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:49 PM	4/1/2015 15:18:20 PM
20150302_CBSRw_10YCC-UCTE-NO--K_10YCB-BE-----T_001.xml	Text files are identical	4/1/2015 15:17:49 PM	4/1/2015 15:18:20 PM
20150309_CBSRd_IOP_001.xml	Text files are identical	4/1/2015 15:17:50 PM	4/1/2015 15:18:20 PM
20150309_CBSRw_10XCH-SWISSGRIDC_10XCH-SWISSGRIDC_001.xml	Text files are identical	4/1/2015 15:17:54 PM	4/1/2015 15:18:25 PM
20150309_CBSRw_IOP_001.xml	Text files are identical	4/1/2015 15:17:54 PM	4/1/2015 15:18:25 PM
20150313_CBSRd_10YCC-UCTE-NO--K_10YCB-BE-----T_001.xml	Text files are identical	4/1/2015 15:17:54 PM	4/1/2015 15:18:25 PM
20150315_CBSRd_10XCH-SWISSGRIDC_10XCH-SWISSGRIDC_001.xml	Text files are identical	4/1/2015 15:17:55 PM	4/1/2015 15:18:26 PM
all.xml	Text files are identical	4/1/2015 15:17:55 PM	4/1/2015 15:18:26 PM

Filename	Status of comparison	Initial version	Final version
mandatory.xml	Text files are identical	4/1/2015 15:17:55 PM	4/1/2015 15:18:26 PM

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510 **Table 34 – Comparison CIM XML instances for RGCE settlement document**

Filename	Status of comparison	Initial version	Final version
20141201_CBSRw_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:33 PM	4/1/2015 15:18:03 PM
20141204_CBSRd_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:33 PM	4/1/2015 15:18:03 PM
20141205_CBSRd_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:34 PM	4/1/2015 15:18:03 PM
20141206_CBSRd_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:34 PM	4/1/2015 15:18:04 PM
20141207_CBSRd_10XCH-SWISSGRIDC_10XFR-RTE-----Q_001.xml	Text files are identical	4/1/2015 15:17:34 PM	4/1/2015 15:18:04 PM
20150302_CBSRw_10YCC-UCTE-NO--K_10YCB-BE----T_001.xml	Text files are identical	4/1/2015 15:17:35 PM	4/1/2015 15:18:04 PM
20150309_CBSRd_IOP_001.xml	Text files are identical	4/1/2015 15:17:35 PM	4/1/2015 15:18:04 PM
20150309_CBSRw_10XCH-SWISSGRIDC_10XCH-SWISSGRIDC_001.xml	Text files are identical	4/1/2015 15:17:38 PM	4/1/2015 15:18:07 PM
20150309_CBSRw_IOP_001.xml	Text files are identical	4/1/2015 15:17:38 PM	4/1/2015 15:18:07 PM
20150313_CBSRd_10YCC-UCTE-NO--K_10YCB-BE----T_001.xml	Text files are identical	4/1/2015 15:17:38 PM	4/1/2015 15:18:08 PM
20150315_CBSRd_10XCH-SWISSGRIDC_10XCH-SWISSGRIDC_001.xml	Text files are identical	4/1/2015 15:17:39 PM	4/1/2015 15:18:08 PM
all.xml	Text files are identical	4/1/2015 15:17:39 PM	4/1/2015 15:18:08 PM
mandatory.xml	Text files are identical	4/1/2015 15:17:39 PM	4/1/2015 15:18:08 PM

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