



European Network of
Transmission System Operators
for Electricity

ENTSO-E CORRIGENDUM TO ECAN, ACKNOWLEDGEMENT, ESR AND ESP IMPLEMENTATION GUIDES

2013-12-03

DOCUMENT APPROVED

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This document is maintained by the ENTSO-E WG EDI. Comments or remarks are to be provided at EDI.Library@entsoe.eu

94

Revision History

Version	Release	Date	Paragraphs	Comments
1	0	2013-12-03		Approved by Market Committee on 2013-12-12.

95

96

NOTE CONCERNING WORDING USED IN THIS DOCUMENT

97 The force of the following words is modified by the requirement level of the document in
98 which they are used.

- 99 • **MUST:** This word, or the terms “REQUIRED” or “SHALL”, means that the definition is
100 an absolute requirement of the specification.
- 101 • **MUST NOT:** This phrase, or the phrase “SHALL NOT”, means that the definition is an
102 absolute prohibition of the specification.
- 103 • **SHOULD:** This word, or the adjective “RECOMMENDED”, means that there may exist
104 valid reasons in particular circumstances to ignore a particular item, but the full
105 implications must be understood and carefully weighed before choosing a different
106 course.
- 107 • **SHOULD NOT:** This phrase, or the phrase “NOT RECOMMENDED”, means that there
108 may exist valid reasons in particular circumstances when the particular behaviour is
109 acceptable or even useful, but the full implications should be understood and the case
110 carefully weighed before implementing any behaviour described with this label.
- 111 • **MAY:** This word, or the adjective “OPTIONAL”, means that an item is truly optional. One
112 vendor may choose to include the item because a particular marketplace requires it or
113 because the vendor feels that it enhances the product while another vendor may omit
114 the same item. An implementation which does not include a particular option **MUST** be
115 prepared to interoperate with another implementation which does include the option,
116 though perhaps with reduced functionality. In the same vein an implementation which
117 does include a particular option **MUST** be prepared to interoperate with another
118 implementation which does not include the option (except, of course, for the feature the
119 option provides.)
- 120 • **DEPRECATED:** this word means that a previously permitted entity should no longer be
121 used in new implementations as in a future release the object in question may be
122 suppressed.

123 **1 OBJECTIVE**

124 The objective of this corrigendum is to bring the outstanding ENTSO-E process XML
125 schemas defined by WG EDI into line with the approved namespace reference document
126 [reference 1] and in particular the restriction/extension rules.

127 Following the approval by the Market Committee of the namespace reference document,
128 newly issued releases of the WG EDI implementation guides have taken into account the
129 necessary changes to comply with these rules. However, for some processes there is no
130 current requirement to update its implementation guide and thus the new rules (approved
131 namespace and the extension/restriction procedures) have not been complied with. These
132 processes are as follows:

- 133 1. The ENTSO-E Capacity Allocation and Nomination (ECAN) process Version 5.0;
- 134 2. The ENTSO-E Settlement and Reconciliation (ESP) process Version 1.2;
- 135 3. The ENTSO-E Status Request (ESR) process Version 2.0;
- 136 4. The Acknowledgement process Version 5.1;

137 In addition, for all the XML schema datatypes that contain the word “message”, the word
138 “message” has been replaced with the word “document”.

139 The four above mentioned implementation guides shall be updated with the information
140 contained in this corrigendum as soon as possible to produce:

- 141 1. ECAN 6.0.
- 142 2. ESP 2.0.
- 143 3. ESR 3.0
- 144 4. Acknowledgement 6.0

145 2 BASIC CHANGES

146 The header of every XML schema has been changed.

147 **Current situation:** The header of the existing XML schemas is as follows:

```
<xsd:schema xmlns:ecc="etso-core-cmpts.xsd" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
elementFormDefault="qualified">
<xsd:import namespace="etso-core-cmpts.xsd" schemaLocation="../../core/etso-core-cmpts.xsd"/>
```

148
149 Where:

- 150 • - The core component namespace is "etso-core-cmpts.xsd"

151 **New situation:**

- 152 1. The XML namespace for the core components has been standardised to "urn:entsoe-
153 eu:wgedi:components".
- 154 2. A default targetNameSpace and restricted codelist for the XML schema in has been
155 added.
- 156 3. The implicit attributes associated with the document, DtdVersion and DtdRelease,
157 have been removed as they appear in the targetNamespace of the document.

158 Where:

- 159 • "process" is replaced by the given process, for example "esr", "esp",
160 "acknowledgement", etc.
- 161 • "xmldocument" is replaced by the name of the schema document, for example
162 "statusrequestdocument", "energyaccountreport",
163 "acknowledgementdocument", etc
- 164 • "version" is replaced by the version of the document.
- 165 • "release" is replaced by the release of the document.
- 166 ▪ The restricted codelist for the XML schema in question has been added.
- 167 ▪ The "include" statement includes all the codelist restrictions that are to be
168 applied during XML schema validation.

169 This then gives the following formulation:

```
<xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns="urn:entsoe.eu:wgedi:process:document:version:release"
targetNamespace="urn:entsoe.eu:wgedi:process:document:version:release"
elementFormDefault="qualified" attributeFormDefault="unqualified">
<xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-components.xsd"/>
<xsd:include schemaLocation="urn-entsoe-eu-wgedi-process-document-version-release-restricted-codes.xsd"/>
```

170

171 3 XML SCHEMA CONTENT CHANGES

172 The only other changes to the XML schema content concern the codelist datatype that is to
173 be applied to the given XML element.

174 For example if there is no restriction to be applied to codes for the documentType the XML
175 schema statement is as follows:

```
176 <xsd:element name="DocumentType" type="ecc:DocumentType">
```

177 If however there are restrictions that only allow a limited number of codes as expressed in
178 the restrictions XML Schema then the statement is as follows:

```
179 <xsd:element name="DocumentType" type="DocumentType">
```

180 In other words, in the first case, the codelist is taken from the “ecc” namespace while in the
181 other case the codelist is taken from the default namespace which in fact means the
182 restricted codelist.

183 4 OTHER CHANGES

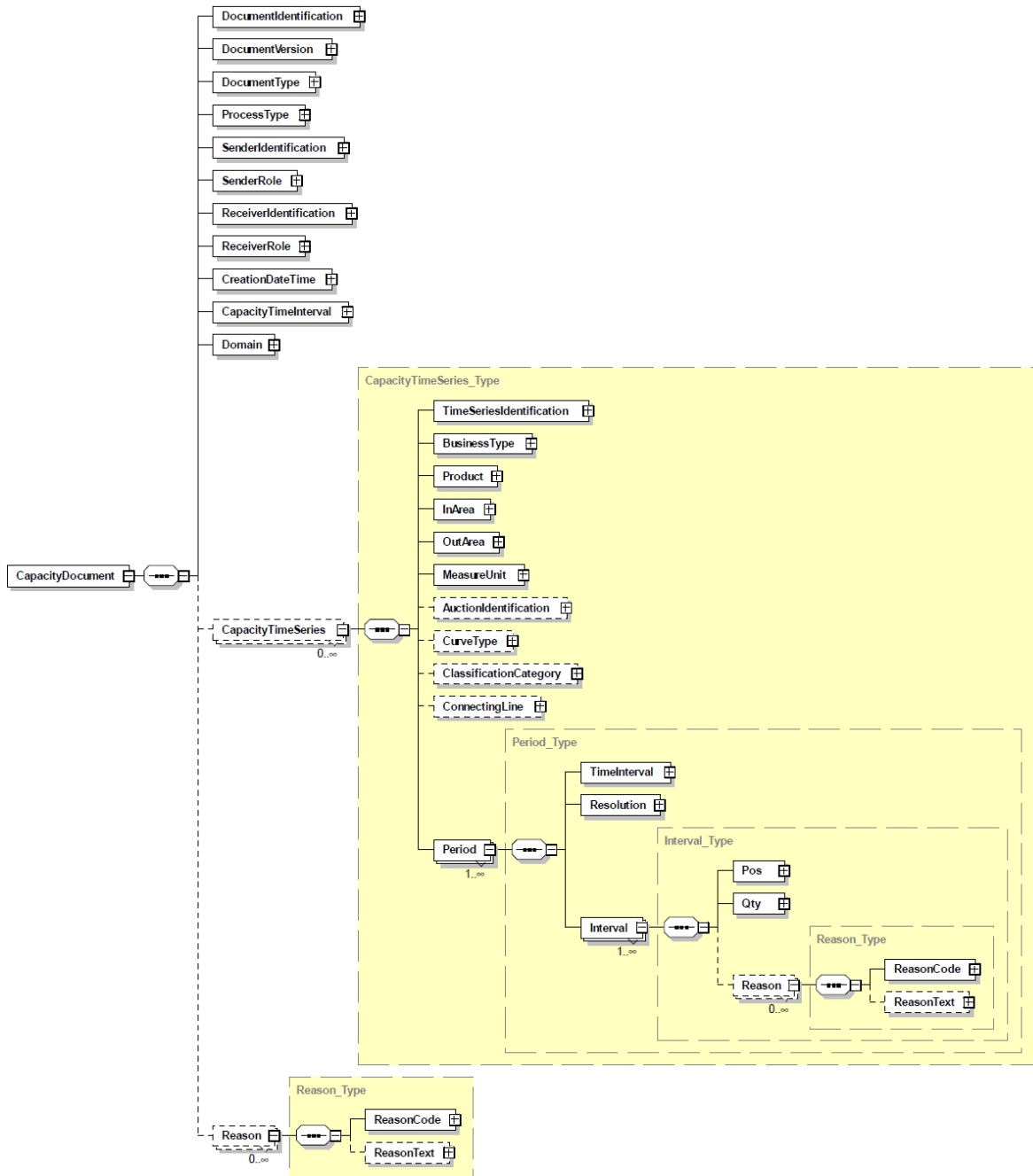
184 In ECAN, for the Total Allocation Result Document, the indication that an auction has had no
185 bids has been added.

186 In ECAN, the Publication Document has had the possibility to provide the list of winners
187 added to it.

188 **5 ECAN**

189 **5.1 CAPACITY DOCUMENT**

190 **5.1.1 XML SCHEMA STRUCTURE**



191

192

FIGURE 1: CAPACITY DOCUMENT STRUCTURE

193

5.1.2 XML SCHEMA

```
194 <?xml version="1.0" encoding="UTF-8"?>
195 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
196 xmlns="urn:entsoe.eu:wgedi:ecan:capacitydocument:6:0" targetNamespace="urn:entsoe.eu:wgedi:ecan:capacitydocument:6:0"
197 elementFormDefault="qualified" attributeFormDefault="unqualified">
198   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
199 components.xsd"/>
200   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-capacitydocument-6-0-restricted-codes.xsd"/>
201   <!--
202           ENTSO-E Document Automatically generated from a UML class diagram using XML.
203           Generation tool version 2.0
204   -->
205   <xsd:complexType name="Period_Type">
206     <xsd:annotation>
207       <xsd:documentation/>
208     </xsd:annotation>
209     <xsd:sequence>
210       <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
211         <xsd:annotation>
212           <xsd:documentation/>
213         </xsd:annotation>
214       </xsd:element>
215       <xsd:element name="Resolution" type="ecc:ResolutionType">
216         <xsd:annotation>
217           <xsd:documentation/>
218         </xsd:annotation>
219       </xsd:element>
220       <xsd:element name="Interval" type="Interval_Type" maxOccurs="unbounded"/>
221     </xsd:sequence>
222   </xsd:complexType>
223   <xsd:complexType name="Interval_Type">
224     <xsd:annotation>
225       <xsd:documentation/>
226     </xsd:annotation>
227     <xsd:sequence>
228       <xsd:element name="Pos" type="ecc:PositionType">
229         <xsd:annotation>
230           <xsd:documentation/>
231         </xsd:annotation>
232       </xsd:element>
233       <xsd:element name="Qty" type="ecc:QuantityType">
234         <xsd:annotation>
235           <xsd:documentation/>
236         </xsd:annotation>
237       </xsd:element>
238       <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
239     </xsd:sequence>
240   </xsd:complexType>
241   <xsd:complexType name="CapacityTimeSeries_Type">
242     <xsd:annotation>
243       <xsd:documentation/>
244     </xsd:annotation>
245     <xsd:sequence>
246       <xsd:element name="TimeSeriesIdentification" type="ecc:IdentificationType">
247         <xsd:annotation>
248           <xsd:documentation/>
249         </xsd:annotation>
250       </xsd:element>
251       <xsd:element name="BusinessType" type="BusinessType">
252         <xsd:annotation>
253           <xsd:documentation/>
254         </xsd:annotation>
255       </xsd:element>
256       <xsd:element name="Product" type="ecc:EnergyProductType">
257         <xsd:annotation>
258           <xsd:documentation/>
259         </xsd:annotation>
260       </xsd:element>
261       <xsd:element name="InArea" type="ecc:AreaType">
```

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```

262         <xsd:annotation>
263             <xsd:documentation/>
264         </xsd:annotation>
265     </xsd:element>
266     <xsd:element name="OutArea" type="ecc:AreaType">
267         <xsd:annotation>
268             <xsd:documentation/>
269         </xsd:annotation>
270     </xsd:element>
271     <xsd:element name="MeasureUnit" type="ecc:UnitOfMeasureType">
272         <xsd:annotation>
273             <xsd:documentation/>
274         </xsd:annotation>
275     </xsd:element>
276     <xsd:element name="AuctionIdentification" type="ecc:IdentificationType" minOccurs="0">
277         <xsd:annotation>
278             <xsd:documentation/>
279         </xsd:annotation>
280     </xsd:element>
281     <xsd:element name="CurveType" type="CurveType" minOccurs="0">
282         <xsd:annotation>
283             <xsd:documentation/>
284         </xsd:annotation>
285     </xsd:element>
286     <xsd:element name="ClassificationCategory" type="CategoryType" minOccurs="0">
287         <xsd:annotation>
288             <xsd:documentation/>
289         </xsd:annotation>
290     </xsd:element>
291     <xsd:element name="ConnectingLine" type="ecc:LineType" minOccurs="0">
292         <xsd:annotation>
293             <xsd:documentation/>
294         </xsd:annotation>
295     </xsd:element>
296     <xsd:element name="Period" type="Period_Type" maxOccurs="unbounded"/>
297 </xsd:sequence>
298 </xsd:complexType>
299 <xsd:element name="CapacityDocument">
300     <xsd:complexType>
301         <xsd:annotation>
302             <xsd:documentation/>
303         </xsd:annotation>
304     <xsd:sequence>
305         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
306             <xsd:annotation>
307                 <xsd:documentation/>
308             </xsd:annotation>
309         </xsd:element>
310         <xsd:element name="DocumentVersion" type="ecc:VersionType">
311             <xsd:annotation>
312                 <xsd:documentation/>
313             </xsd:annotation>
314         </xsd:element>
315         <xsd:element name="DocumentType" type="DocumentType">
316             <xsd:annotation>
317                 <xsd:documentation/>
318             </xsd:annotation>
319         </xsd:element>
320         <xsd:element name="ProcessType" type="ProcessType">
321             <xsd:annotation>
322                 <xsd:documentation/>
323             </xsd:annotation>
324         </xsd:element>
325         <xsd:element name="SenderIdentification" type="ecc:PartyType">
326             <xsd:annotation>
327                 <xsd:documentation/>
328             </xsd:annotation>
329         </xsd:element>
330         <xsd:element name="SenderRole" type="ecc:RoleType">
331             <xsd:annotation>
332                 <xsd:documentation/>

```

```

333         </xsd:annotation>
334     </xsd:element>
335     <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
336         <xsd:annotation>
337             <xsd:documentation/>
338         </xsd:annotation>
339     </xsd:element>
340     <xsd:element name="ReceiverRole" type="ecc:RoleType">
341         <xsd:annotation>
342             <xsd:documentation/>
343         </xsd:annotation>
344     </xsd:element>
345     <xsd:element name="CreationDateTime" type="ecc:DocumentDateTimeType">
346         <xsd:annotation>
347             <xsd:documentation/>
348         </xsd:annotation>
349     </xsd:element>
350     <xsd:element name="CapacityTimeInterval" type="ecc:TimeIntervalType">
351         <xsd:annotation>
352             <xsd:documentation/>
353         </xsd:annotation>
354     </xsd:element>
355     <xsd:element name="Domain" type="ecc:AreaType">
356         <xsd:annotation>
357             <xsd:documentation/>
358         </xsd:annotation>
359     </xsd:element>
360     <xsd:element name="CapacityTimeSeries" type="CapacityTimeSeries_Type"
361 minOccurs="0" maxOccurs="unbounded"/>
362     <xsd:element name="Reason" type="Reason_Type" minOccurs="0"
363 maxOccurs="unbounded"/>
364         </xsd:sequence>
365     </xsd:complexType>
366 </xsd:element>
367 <xsd:complexType name="Reason_Type">
368     <xsd:annotation>
369         <xsd:documentation/>
370     </xsd:annotation>
371     <xsd:sequence>
372         <xsd:element name="ReasonCode" type="ReasonCodeType">
373             <xsd:annotation>
374                 <xsd:documentation/>
375             </xsd:annotation>
376         </xsd:element>
377         <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">
378             <xsd:annotation>
379                 <xsd:documentation/>
380             </xsd:annotation>
381         </xsd:element>
382     </xsd:sequence>
383 </xsd:complexType>
384 </xsd:schema>

```

385 5.1.3 RESTRICTED CODELIST

```

386 <?xml version="1.0" encoding="UTF-8"?>
387 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
388 elementFormDefault="qualified" attributeFormDefault="unqualified">
389     <!-- import the codelists -->
390     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
391 codelists.xsd"/>
392     <!-- include the local message restrictions -->
393     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-capacitydocument-6-0-local-restrictions.xsd"/>
394     <!-- restricted codelists -->
395     <xsd:complexType name="DocumentType">
396         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
397     </xsd:complexType>
398     <xsd:simpleType name="StandardRestrictedDocumentType">
399         <xsd:restriction base="ecl:StandardDocumentTypeList">
400             <xsd:enumeration value="A13"/>

```

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```
401         <xsd:enumeration value="A31"/>
402         <xsd:enumeration value="A32"/>
403     </xsd:restriction>
404 </xsd:simpleType>
405 <xsd:simpleType name="RestrictedDocumentType">
406     <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
407 </xsd:simpleType>
408 <xsd:complexType name="ProcessType">
409     <xsd:attribute name="v" type="RestrictedProcessType" use="required"/>
410 </xsd:complexType>
411 <xsd:simpleType name="StandardRestrictedProcessType">
412     <xsd:restriction base="ecl:StandardProcessTypeList">
413         <xsd:enumeration value="A07"/>
414         <xsd:enumeration value="A15"/>
415     </xsd:restriction>
416 </xsd:simpleType>
417 <xsd:simpleType name="RestrictedProcessType">
418     <xsd:union memberTypes="StandardRestrictedProcessType LocalRestrictedProcessType"/>
419 </xsd:simpleType>
420 <xsd:complexType name="BusinessType">
421     <xsd:attribute name="v" type="RestrictedBusinessType" use="required"/>
422 </xsd:complexType>
423 <xsd:simpleType name="StandardRestrictedBusinessType">
424     <xsd:restriction base="ecl:StandardBusinessTypeList">
425         <xsd:enumeration value="A25"/>
426         <xsd:enumeration value="A26"/>
427         <xsd:enumeration value="A27"/>
428         <xsd:enumeration value="A29"/>
429         <xsd:enumeration value="A31"/>
430         <xsd:enumeration value="A41"/>
431     </xsd:restriction>
432 </xsd:simpleType>
433 <xsd:simpleType name="RestrictedBusinessType">
434     <xsd:union memberTypes="StandardRestrictedBusinessType LocalRestrictedBusinessType"/>
435 </xsd:simpleType>
436 <xsd:complexType name="CurveType">
437     <xsd:attribute name="v" type="RestrictedCurveType" use="required"/>
438 </xsd:complexType>
439 <xsd:simpleType name="StandardRestrictedCurveType">
440     <xsd:restriction base="ecl:StandardCurveTypeList">
441         <xsd:enumeration value="A01"/>
442         <xsd:enumeration value="A03"/>
443     </xsd:restriction>
444 </xsd:simpleType>
445 <xsd:simpleType name="RestrictedCurveType">
446     <xsd:union memberTypes="StandardRestrictedCurveType LocalRestrictedCurveType"/>
447 </xsd:simpleType>
448 <xsd:complexType name="CategoryType">
449     <xsd:attribute name="v" type="RestrictedCategoryType" use="required"/>
450 </xsd:complexType>
451 <xsd:simpleType name="StandardRestrictedCategoryType">
452     <xsd:restriction base="ecl:StandardCategoryTypeList">
453         <xsd:enumeration value="A01"/>
454         <xsd:enumeration value="A02"/>
455         <xsd:enumeration value="A03"/>
456     </xsd:restriction>
457 </xsd:simpleType>
458 <xsd:simpleType name="RestrictedCategoryType">
459     <xsd:union memberTypes="StandardRestrictedCategoryType LocalRestrictedCategoryType"/>
460 </xsd:simpleType>
461 <xsd:complexType name="ReasonCodeType">
462     <xsd:attribute name="v" type="RestrictedReasonCodeType" use="required"/>
463 </xsd:complexType>
464 <xsd:simpleType name="StandardRestrictedReasonCodeType">
465     <xsd:restriction base="ecl:StandardReasonCodeTypeList">
466         <xsd:enumeration value="A70"/>
467         <xsd:enumeration value="A97"/>
468         <xsd:enumeration value="A98"/>
469     </xsd:restriction>
470 </xsd:simpleType>
471 <xsd:simpleType name="RestrictedReasonCodeType">
```

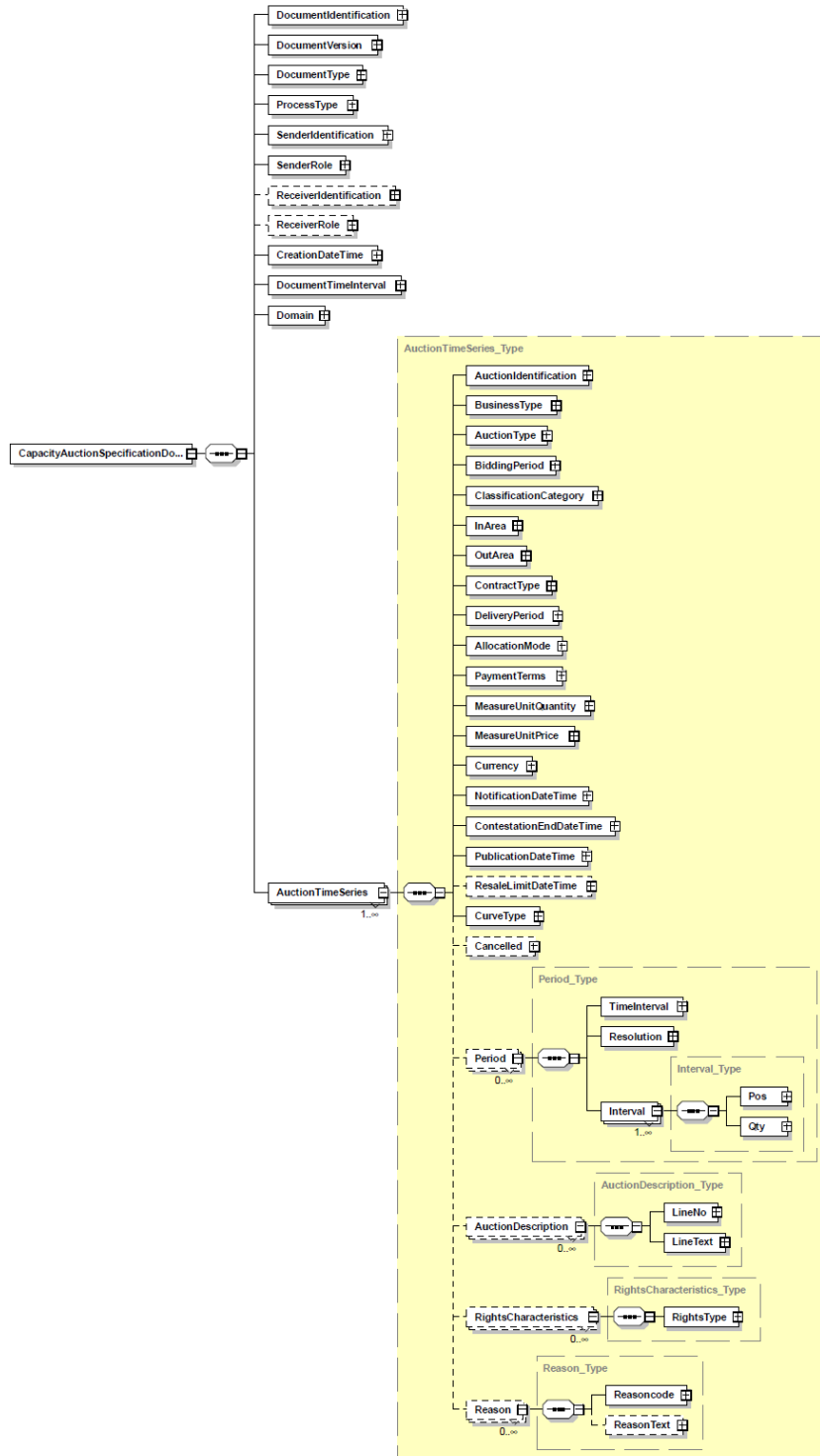
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```
472         <xsd:union memberTypes="StandardRestrictedReasonCodeType LocalRestrictedReasonCodeType"/>
473     </xsd:simpleType>
474 </xsd:schema>
```

475 **5.2 CAPACITY AUCTION SPECIFICATION DOCUMENT**

476 **5.2.1 XML SCHEMA STRUCTURE**



477

478

FIGURE 2: CAPACITY AUCTION SPECIFICATION DOCUMENT STRUCTURE

479

5.2.2 XML SCHEMA

```
480 <?xml version="1.0" encoding="UTF-8"?>
481 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
482 xmlns="urn:entsoe.eu:wgedi:ecan:auctionspecificationdocument:6:0"
483 targetNamespace="urn:entsoe.eu:wgedi:ecan:auctionspecificationdocument:6:0" elementFormDefault="qualified"
484 attributeFormDefault="unqualified">
485   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
486 components.xsd"/>
487   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-auctionspecificationdocument-6-0-restricted-codes.xsd"/>
488   <!--
489           ENTSO-E Document Automatically generated from a UML class diagram using XML.
490           Generation tool version 2.0
491   -->
492   <xsd:complexType name="Interval_Type">
493     <xsd:annotation>
494       <xsd:documentation/>
495     </xsd:annotation>
496     <xsd:sequence>
497       <xsd:element name="Pos" type="ecc:PositionType">
498         <xsd:annotation>
499           <xsd:documentation/>
500         </xsd:annotation>
501       </xsd:element>
502       <xsd:element name="Qty" type="ecc:QuantityType">
503         <xsd:annotation>
504           <xsd:documentation/>
505         </xsd:annotation>
506       </xsd:element>
507     </xsd:sequence>
508   </xsd:complexType>
509   <xsd:complexType name="Period_Type">
510     <xsd:annotation>
511       <xsd:documentation/>
512     </xsd:annotation>
513     <xsd:sequence>
514       <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
515         <xsd:annotation>
516           <xsd:documentation/>
517         </xsd:annotation>
518       </xsd:element>
519       <xsd:element name="Resolution" type="ecc:ResolutionType">
520         <xsd:annotation>
521           <xsd:documentation/>
522         </xsd:annotation>
523       </xsd:element>
524       <xsd:element name="Interval" type="Interval_Type" maxOccurs="unbounded"/>
525     </xsd:sequence>
526   </xsd:complexType>
527   <xsd:complexType name="AuctionTimeSeries_Type">
528     <xsd:annotation>
529       <xsd:documentation/>
530     </xsd:annotation>
531     <xsd:sequence>
532       <xsd:element name="AuctionIdentification" type="ecc:IdentificationType">
533         <xsd:annotation>
534           <xsd:documentation/>
535         </xsd:annotation>
536       </xsd:element>
537       <xsd:element name="BusinessType" type="BusinessType">
538         <xsd:annotation>
539           <xsd:documentation/>
540         </xsd:annotation>
541       </xsd:element>
542       <xsd:element name="AuctionType" type="AuctionType">
543         <xsd:annotation>
544           <xsd:documentation/>
545         </xsd:annotation>
546       </xsd:element>
547       <xsd:element name="BiddingPeriod" type="ecc:TimeIntervalType">
```



```

548         <xsd:annotation>
549             <xsd:documentation/>
550         </xsd:annotation>
551     </xsd:element>
552     <xsd:element name="ClassificationCategory" type="CategoryType">
553         <xsd:annotation>
554             <xsd:documentation/>
555         </xsd:annotation>
556     </xsd:element>
557     <xsd:element name="InArea" type="ecc:AreaType">
558         <xsd:annotation>
559             <xsd:documentation/>
560         </xsd:annotation>
561     </xsd:element>
562     <xsd:element name="OutArea" type="ecc:AreaType">
563         <xsd:annotation>
564             <xsd:documentation/>
565         </xsd:annotation>
566     </xsd:element>
567     <xsd:element name="ContractType" type="ContractType">
568         <xsd:annotation>
569             <xsd:documentation/>
570         </xsd:annotation>
571     </xsd:element>
572     <xsd:element name="DeliveryPeriod" type="ecc:TimeIntervalType">
573         <xsd:annotation>
574             <xsd:documentation/>
575         </xsd:annotation>
576     </xsd:element>
577     <xsd:element name="AllocationMode" type="AllocationModeType">
578         <xsd:annotation>
579             <xsd:documentation/>
580         </xsd:annotation>
581     </xsd:element>
582     <xsd:element name="PaymentTerms" type="PaymentTermsType">
583         <xsd:annotation>
584             <xsd:documentation/>
585         </xsd:annotation>
586     </xsd:element>
587     <xsd:element name="MeasureUnitQuantity" type="ecc:UnitOfMeasureType">
588         <xsd:annotation>
589             <xsd:documentation/>
590         </xsd:annotation>
591     </xsd:element>
592     <xsd:element name="MeasureUnitPrice" type="ecc:UnitOfMeasureType">
593         <xsd:annotation>
594             <xsd:documentation/>
595         </xsd:annotation>
596     </xsd:element>
597     <xsd:element name="Currency" type="ecc:CurrencyType">
598         <xsd:annotation>
599             <xsd:documentation/>
600         </xsd:annotation>
601     </xsd:element>
602     <xsd:element name="NotificationDateTime" type="ecc:DateTimeType">
603         <xsd:annotation>
604             <xsd:documentation/>
605         </xsd:annotation>
606     </xsd:element>
607     <xsd:element name="ContestationEndDateTime" type="ecc:DateTimeType">
608         <xsd:annotation>
609             <xsd:documentation/>
610         </xsd:annotation>
611     </xsd:element>
612     <xsd:element name="PublicationDateTime" type="ecc:DateTimeType">
613         <xsd:annotation>
614             <xsd:documentation/>
615         </xsd:annotation>
616     </xsd:element>
617     <xsd:element name="ResaleLimitDateTime" type="ecc:DateTimeType" minOccurs="0">
618         <xsd:annotation>

```

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```

619         <xsd:documentation/>
620     </xsd:annotation>
621 </xsd:element>
622 <xsd:element name="CurveType" type="CurveType">
623     <xsd:annotation>
624         <xsd:documentation/>
625     </xsd:annotation>
626 </xsd:element>
627 <xsd:element name="Cancelled" type="IndicatorType" minOccurs="0">
628     <xsd:annotation>
629         <xsd:documentation/>
630     </xsd:annotation>
631 </xsd:element>
632 <xsd:element name="Period" type="Period_Type" minOccurs="0" maxOccurs="unbounded"/>
633 <xsd:element name="AuctionDescription" type="AuctionDescription_Type" minOccurs="0"
634 maxOccurs="unbounded"/>
635 <xsd:element name="RightsCharacteristics" type="RightsCharacteristics_Type" minOccurs="0"
636 maxOccurs="unbounded"/>
637 <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
638 </xsd:sequence>
639 </xsd:complexType>
640 <xsd:element name="CapacityAuctionSpecificationDocument">
641     <xsd:complexType>
642         <xsd:annotation>
643             <xsd:documentation/>
644         </xsd:annotation>
645     <xsd:sequence>
646         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
647             <xsd:annotation>
648                 <xsd:documentation/>
649             </xsd:annotation>
650         </xsd:element>
651         <xsd:element name="DocumentVersion" type="ecc:VersionType">
652             <xsd:annotation>
653                 <xsd:documentation/>
654             </xsd:annotation>
655         </xsd:element>
656         <xsd:element name="DocumentType" type="DocumentType">
657             <xsd:annotation>
658                 <xsd:documentation/>
659             </xsd:annotation>
660         </xsd:element>
661         <xsd:element name="ProcessType" type="ProcessType">
662             <xsd:annotation>
663                 <xsd:documentation/>
664             </xsd:annotation>
665         </xsd:element>
666         <xsd:element name="SenderIdentification" type="ecc:PartyType">
667             <xsd:annotation>
668                 <xsd:documentation/>
669             </xsd:annotation>
670         </xsd:element>
671         <xsd:element name="SenderRole" type="SenderRoleType">
672             <xsd:annotation>
673                 <xsd:documentation/>
674             </xsd:annotation>
675         </xsd:element>
676         <xsd:element name="ReceiverIdentification" type="ecc:PartyType" minOccurs="0">
677             <xsd:annotation>
678                 <xsd:documentation/>
679             </xsd:annotation>
680         </xsd:element>
681         <xsd:element name="ReceiverRole" type="RoleType" minOccurs="0">
682             <xsd:annotation>
683                 <xsd:documentation/>
684             </xsd:annotation>
685         </xsd:element>
686         <xsd:element name="CreationDateTime" type="ecc:DocumentDateTimeType">
687             <xsd:annotation>
688                 <xsd:documentation/>
689             </xsd:annotation>

```

```

690         </xsd:element>
691     <xsd:element name="DocumentTimeInterval" type="ecc:TimeIntervalType">
692         <xsd:annotation>
693             <xsd:documentation/>
694         </xsd:annotation>
695     </xsd:element>
696     <xsd:element name="Domain" type="ecc:AreaType">
697         <xsd:annotation>
698             <xsd:documentation/>
699         </xsd:annotation>
700     </xsd:element>
701     <xsd:element name="AuctionTimeSeries" type="AuctionTimeSeries_Type"
702 maxOccurs="unbounded"/>
703     </xsd:sequence>
704 </xsd:complexType>
705 </xsd:element>
706 <xsd:complexType name="AuctionDescription_Type">
707     <xsd:annotation>
708         <xsd:documentation/>
709     </xsd:annotation>
710     <xsd:sequence>
711         <xsd:element name="LineNo" type="ecc:PositionType">
712             <xsd:annotation>
713                 <xsd:documentation/>
714             </xsd:annotation>
715         </xsd:element>
716         <xsd:element name="LineText" type="ecc:ReasonTextType">
717             <xsd:annotation>
718                 <xsd:documentation/>
719             </xsd:annotation>
720         </xsd:element>
721     </xsd:sequence>
722 </xsd:complexType>
723 <xsd:complexType name="RightsCharacteristics_Type">
724     <xsd:annotation>
725         <xsd:documentation/>
726     </xsd:annotation>
727     <xsd:sequence>
728         <xsd:element name="RightsType" type="RightsType">
729             <xsd:annotation>
730                 <xsd:documentation/>
731             </xsd:annotation>
732         </xsd:element>
733     </xsd:sequence>
734 </xsd:complexType>
735 <xsd:complexType name="Reason_Type">
736     <xsd:annotation>
737         <xsd:documentation/>
738     </xsd:annotation>
739     <xsd:sequence>
740         <xsd:element name="Reasoncode" type="ecc:ReasonCodeType">
741             <xsd:annotation>
742                 <xsd:documentation/>
743             </xsd:annotation>
744         </xsd:element>
745         <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">
746             <xsd:annotation>
747                 <xsd:documentation/>
748             </xsd:annotation>
749         </xsd:element>
750     </xsd:sequence>
751 </xsd:complexType>
752 </xsd:schema>

```

753

5.2.3 RESTRICTED CODELIST

```
754 <?xml version="1.0" encoding="UTF-8"?>
755 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
756 elementFormDefault="qualified" attributeFormDefault="unqualified">
757   <!-- import the codelists -->
758   <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
759 codelists.xsd"/>
760   <!-- include the local message restrictions -->
761   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-auctionspecificationdocument-6-0-local-restrictions.xsd"/>
762   <!-- restricted codelists -->
763   <xsd:complexType name="DocumentType">
764     <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
765   </xsd:complexType>
766   <xsd:simpleType name="StandardRestrictedDocumentType">
767     <xsd:restriction base="ecl:StandardDocumentTypeList">
768       <xsd:enumeration value="A51"/>
769     </xsd:restriction>
770   </xsd:simpleType>
771   <xsd:simpleType name="RestrictedDocumentType">
772     <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
773   </xsd:simpleType>
774   <xsd:complexType name="ProcessType">
775     <xsd:attribute name="v" type="RestrictedProcessType" use="required"/>
776   </xsd:complexType>
777   <xsd:simpleType name="StandardRestrictedProcessType">
778     <xsd:restriction base="ecl:StandardProcessTypeList">
779       <xsd:enumeration value="A07"/>
780     </xsd:restriction>
781   </xsd:simpleType>
782   <xsd:simpleType name="RestrictedProcessType">
783     <xsd:union memberTypes="StandardRestrictedProcessType LocalRestrictedProcessType"/>
784   </xsd:simpleType>
785   <xsd:complexType name="RoleType">
786     <xsd:attribute name="v" type="RestrictedRoleType" use="required"/>
787   </xsd:complexType>
788   <xsd:simpleType name="StandardRestrictedRoleType">
789     <xsd:restriction base="ecl:StandardRoleTypeList">
790       <xsd:enumeration value="A04"/>
791       <xsd:enumeration value="A29"/>
792       <xsd:enumeration value="A32"/>
793     </xsd:restriction>
794   </xsd:simpleType>
795   <xsd:simpleType name="RestrictedRoleType">
796     <xsd:union memberTypes="StandardRestrictedRoleType LocalRestrictedRoleType"/>
797   </xsd:simpleType>
798   <xsd:complexType name="SenderRoleType">
799     <xsd:attribute name="v" type="RestrictedSenderRoleType" use="required"/>
800   </xsd:complexType>
801   <xsd:simpleType name="StandardRestrictedSenderRoleType">
802     <xsd:restriction base="ecl:StandardRoleTypeList">
803       <xsd:enumeration value="A07"/>
804     </xsd:restriction>
805   </xsd:simpleType>
806   <xsd:simpleType name="RestrictedSenderRoleType">
807     <xsd:union memberTypes="StandardRestrictedSenderRoleType LocalRestrictedSenderRoleType"/>
808   </xsd:simpleType>
809   <xsd:complexType name="BusinessType">
810     <xsd:attribute name="v" type="RestrictedBusinessType" use="required"/>
811   </xsd:complexType>
812   <xsd:simpleType name="StandardRestrictedBusinessType">
813     <xsd:restriction base="ecl:StandardBusinessTypeList">
814       <xsd:enumeration value="A31"/>
815     </xsd:restriction>
816   </xsd:simpleType>
817   <xsd:simpleType name="RestrictedBusinessType">
818     <xsd:union memberTypes="StandardRestrictedBusinessType LocalRestrictedBusinessType"/>
819   </xsd:simpleType>
820   <xsd:complexType name="AuctionType">
```

```
821         <xsd:attribute name="v" type="RestrictedAuctionType" use="required"/>
822     </xsd:complexType>
823     <xsd:simpleType name="StandardRestrictedAuctionType">
824         <xsd:restriction base="ecl:StandardAuctionTypeList">
825             <xsd:enumeration value="A01"/>
826             <xsd:enumeration value="A02"/>
827         </xsd:restriction>
828     </xsd:simpleType>
829     <xsd:simpleType name="RestrictedAuctionType">
830         <xsd:union memberTypes="StandardRestrictedAuctionType LocalRestrictedAuctionType"/>
831     </xsd:simpleType>
832     <xsd:complexType name="CategoryType">
833         <xsd:attribute name="v" type="RestrictedCategoryType" use="required"/>
834     </xsd:complexType>
835     <xsd:simpleType name="StandardRestrictedCategoryType">
836         <xsd:restriction base="ecl:StandardCategoryTypeList">
837             <xsd:enumeration value="A01"/>
838             <xsd:enumeration value="A02"/>
839             <xsd:enumeration value="A03"/>
840             <xsd:enumeration value="A04"/>
841         </xsd:restriction>
842     </xsd:simpleType>
843     <xsd:simpleType name="RestrictedCategoryType">
844         <xsd:union memberTypes="StandardRestrictedCategoryType LocalRestrictedCategoryType"/>
845     </xsd:simpleType>
846     <xsd:complexType name="ContractType">
847         <xsd:attribute name="v" type="RestrictedContractType" use="required"/>
848     </xsd:complexType>
849     <xsd:simpleType name="StandardRestrictedContractType">
850         <xsd:restriction base="ecl:StandardContractTypeList">
851             <xsd:enumeration value="A01"/>
852             <xsd:enumeration value="A02"/>
853             <xsd:enumeration value="A03"/>
854             <xsd:enumeration value="A04"/>
855             <xsd:enumeration value="A07"/>
856             <xsd:enumeration value="A08"/>
857             <xsd:enumeration value="A09"/>
858             <xsd:enumeration value="A10"/>
859         </xsd:restriction>
860     </xsd:simpleType>
861     <xsd:simpleType name="RestrictedContractType">
862         <xsd:union memberTypes="StandardRestrictedContractType LocalRestrictedContractType"/>
863     </xsd:simpleType>
864     <xsd:complexType name="AllocationModeType">
865         <xsd:attribute name="v" type="RestrictedAllocationModeType" use="required"/>
866     </xsd:complexType>
867     <xsd:simpleType name="StandardRestrictedAllocationModeType">
868         <xsd:restriction base="ecl:StandardAllocationModeTypeList">
869             <xsd:enumeration value="A01"/>
870             <xsd:enumeration value="A02"/>
871             <xsd:enumeration value="A03"/>
872             <xsd:enumeration value="A04"/>
873         </xsd:restriction>
874     </xsd:simpleType>
875     <xsd:simpleType name="RestrictedAllocationModeType">
876         <xsd:union memberTypes="StandardRestrictedAllocationModeType LocalRestrictedAllocationModeType"/>
877     </xsd:simpleType>
878     <xsd:complexType name="PaymentTermsType">
879         <xsd:attribute name="v" type="RestrictedPaymentTermsType" use="required"/>
880     </xsd:complexType>
881     <xsd:simpleType name="StandardRestrictedPaymentTermsType">
882         <xsd:restriction base="ecl:StandardPaymentTermsTypeList">
883             <xsd:enumeration value="A01"/>
884             <xsd:enumeration value="A02"/>
885             <xsd:enumeration value="A03"/>
886         </xsd:restriction>
887     </xsd:simpleType>
888     <xsd:simpleType name="RestrictedPaymentTermsType">
889         <xsd:union memberTypes="StandardRestrictedPaymentTermsType LocalRestrictedPaymentTermsType"/>
890     </xsd:simpleType>
891     <xsd:complexType name="CurveType">
```

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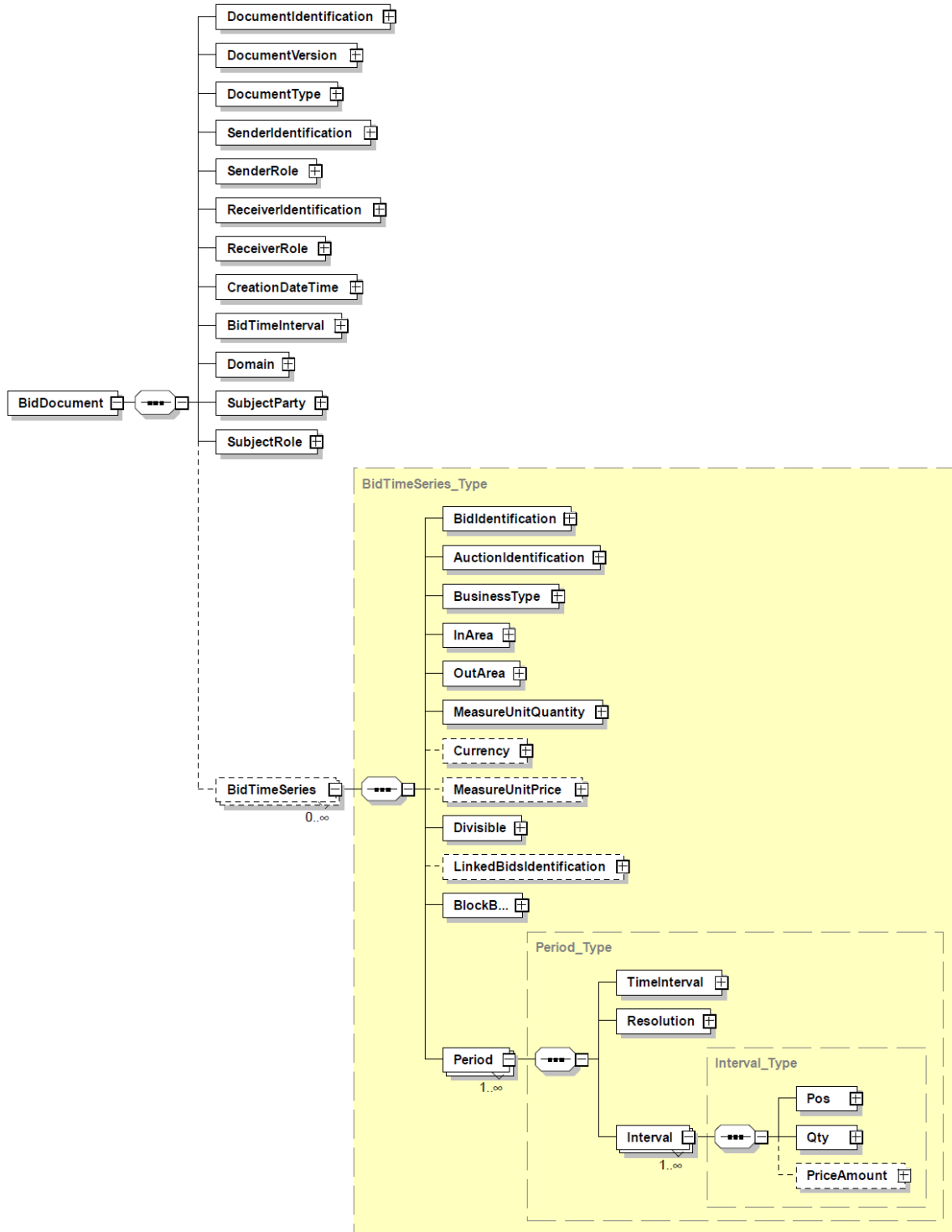
```

892         <xsd:attribute name="v" type="RestrictedCurveType" use="required"/>
893     </xsd:complexType>
894     <xsd:simpleType name="StandardRestrictedCurveType">
895         <xsd:restriction base="ecl:StandardCurveTypeList">
896             <xsd:enumeration value="A01"/>
897             <xsd:enumeration value="A03"/>
898         </xsd:restriction>
899     </xsd:simpleType>
900     <xsd:simpleType name="RestrictedCurveType">
901         <xsd:union memberTypes="StandardRestrictedCurveType LocalRestrictedCurveType"/>
902     </xsd:simpleType>
903     <xsd:complexType name="IndicatorType">
904         <xsd:attribute name="v" type="RestrictedIndicatorType" use="required"/>
905     </xsd:complexType>
906     <xsd:simpleType name="StandardRestrictedIndicatorType">
907         <xsd:restriction base="ecl:StandardIndicatorTypeList">
908             <xsd:enumeration value="A01"/>
909         </xsd:restriction>
910     </xsd:simpleType>
911     <xsd:simpleType name="RestrictedIndicatorType">
912         <xsd:union memberTypes="StandardRestrictedIndicatorType LocalRestrictedIndicatorType"/>
913     </xsd:simpleType>
914     <xsd:complexType name="RightsType">
915         <xsd:attribute name="v" type="RestrictedRightsType" use="required"/>
916     </xsd:complexType>
917     <xsd:simpleType name="StandardRestrictedRightsType">
918         <xsd:restriction base="ecl:StandardRightsTypeList">
919             <xsd:enumeration value="A01"/>
920             <xsd:enumeration value="A02"/>
921             <xsd:enumeration value="A03"/>
922             <xsd:enumeration value="A04"/>
923             <xsd:enumeration value="A05"/>
924             <xsd:enumeration value="A06"/>
925         </xsd:restriction>
926     </xsd:simpleType>
927     <xsd:simpleType name="RestrictedRightsType">
928         <xsd:union memberTypes="StandardRestrictedRightsType LocalRestrictedRightsType"/>
929     </xsd:simpleType>
930 </xsd:schema>

```

931 **5.3 BID DOCUMENT**

932 **5.3.1 XML SCHEMA STRUCTURE**



933

934

FIGURE 3: BID DOCUMENT STRUCTURE

935

5.3.2 XML SCHEMA

```
936 <?xml version="1.0" encoding="UTF-8"?>
937 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
938 xmlns="urn:entsoe.eu:wgedi:ecan:biddocument:6:0" targetNamespace="urn:entsoe.eu:wgedi:ecan:biddocument:6:0"
939 elementFormDefault="qualified" attributeFormDefault="unqualified">
940   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
941 components.xsd"/>
942   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-biddocument-6-0-restricted-codes.xsd"/>
943   <!--
944           ENTSO-E Document Automatically generated from a UML class diagram using XML.
945           Generation tool version 2.0
946   -->
947   <xsd:complexType name="Interval_Type">
948     <xsd:annotation>
949       <xsd:documentation/>
950     </xsd:annotation>
951     <xsd:sequence>
952       <xsd:element name="Pos" type="ecc:PositionType">
953         <xsd:annotation>
954           <xsd:documentation/>
955         </xsd:annotation>
956       </xsd:element>
957       <xsd:element name="Qty" type="ecc:QuantityType">
958         <xsd:annotation>
959           <xsd:documentation/>
960         </xsd:annotation>
961       </xsd:element>
962       <xsd:element name="PriceAmount" type="ecc:AmountType" minOccurs="0">
963         <xsd:annotation>
964           <xsd:documentation/>
965         </xsd:annotation>
966       </xsd:element>
967     </xsd:sequence>
968   </xsd:complexType>
969   <xsd:complexType name="Period_Type">
970     <xsd:annotation>
971       <xsd:documentation/>
972     </xsd:annotation>
973     <xsd:sequence>
974       <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
975         <xsd:annotation>
976           <xsd:documentation/>
977         </xsd:annotation>
978       </xsd:element>
979       <xsd:element name="Resolution" type="ecc:ResolutionType">
980         <xsd:annotation>
981           <xsd:documentation/>
982         </xsd:annotation>
983       </xsd:element>
984       <xsd:element name="Interval" type="Interval_Type" minOccurs="0" maxOccurs="unbounded"/>
985     </xsd:sequence>
986   </xsd:complexType>
987   <xsd:complexType name="BidTimeSeries_Type">
988     <xsd:annotation>
989       <xsd:documentation/>
990     </xsd:annotation>
991     <xsd:sequence>
992       <xsd:element name="BidIdentification" type="ecc:IdentificationType">
993         <xsd:annotation>
994           <xsd:documentation/>
995         </xsd:annotation>
996       </xsd:element>
997       <xsd:element name="AuctionIdentification" type="ecc:IdentificationType">
998         <xsd:annotation>
999           <xsd:documentation/>
1000       </xsd:annotation>
1001     </xsd:element>
1002     <xsd:element name="BusinessType" type="ecc:BusinessType">
1003       <xsd:annotation>
```


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```
1004         <xsd:documentation/>
1005     </xsd:annotation>
1006 </xsd:element>
1007 <xsd:element name="InArea" type="ecc:AreaType">
1008     <xsd:annotation>
1009         <xsd:documentation/>
1010     </xsd:annotation>
1011 </xsd:element>
1012 <xsd:element name="OutArea" type="ecc:AreaType">
1013     <xsd:annotation>
1014         <xsd:documentation/>
1015     </xsd:annotation>
1016 </xsd:element>
1017 <xsd:element name="MeasureUnitQuantity" type="ecc:UnitOfMeasureType">
1018     <xsd:annotation>
1019         <xsd:documentation/>
1020     </xsd:annotation>
1021 </xsd:element>
1022 <xsd:element name="Currency" type="ecc:CurrencyType" minOccurs="0">
1023     <xsd:annotation>
1024         <xsd:documentation/>
1025     </xsd:annotation>
1026 </xsd:element>
1027 <xsd:element name="MeasureUnitPrice" type="ecc:UnitOfMeasureType" minOccurs="0">
1028     <xsd:annotation>
1029         <xsd:documentation/>
1030     </xsd:annotation>
1031 </xsd:element>
1032 <xsd:element name="Divisible" type="IndicatorType">
1033     <xsd:annotation>
1034         <xsd:documentation/>
1035     </xsd:annotation>
1036 </xsd:element>
1037 <xsd:element name="LinkedBidsIdentification" type="ecc:IdentificationType" minOccurs="0">
1038     <xsd:annotation>
1039         <xsd:documentation/>
1040     </xsd:annotation>
1041 </xsd:element>
1042 <xsd:element name="BlockBid" type="IndicatorType">
1043     <xsd:annotation>
1044         <xsd:documentation/>
1045     </xsd:annotation>
1046 </xsd:element>
1047 <xsd:element name="Period" type="Period_Type" maxOccurs="unbounded"/>
1048 </xsd:sequence>
1049 </xsd:complexType>
1050 <xsd:element name="BidDocument">
1051     <xsd:complexType>
1052         <xsd:annotation>
1053             <xsd:documentation/>
1054         </xsd:annotation>
1055         <xsd:sequence>
1056             <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
1057                 <xsd:annotation>
1058                     <xsd:documentation/>
1059                 </xsd:annotation>
1060             </xsd:element>
1061             <xsd:element name="DocumentVersion" type="ecc:VersionType">
1062                 <xsd:annotation>
1063                     <xsd:documentation/>
1064                 </xsd:annotation>
1065             </xsd:element>
1066             <xsd:element name="DocumentType" type="DocumentType">
1067                 <xsd:annotation>
1068                     <xsd:documentation/>
1069                 </xsd:annotation>
1070             </xsd:element>
1071             <xsd:element name="SenderIdentification" type="ecc:PartyType">
1072                 <xsd:annotation>
1073                     <xsd:documentation/>
1074                 </xsd:annotation>
```

```

1075         </xsd:element>
1076         <xsd:element name="SenderRole" type="ecc:RoleType">
1077             <xsd:annotation>
1078                 <xsd:documentation/>
1079             </xsd:annotation>
1080         </xsd:element>
1081         <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
1082             <xsd:annotation>
1083                 <xsd:documentation/>
1084             </xsd:annotation>
1085         </xsd:element>
1086         <xsd:element name="ReceiverRole" type="ecc:RoleType">
1087             <xsd:annotation>
1088                 <xsd:documentation/>
1089             </xsd:annotation>
1090         </xsd:element>
1091         <xsd:element name="CreationDateTime" type="ecc:DocumentDateTimeType">
1092             <xsd:annotation>
1093                 <xsd:documentation/>
1094             </xsd:annotation>
1095         </xsd:element>
1096         <xsd:element name="BidTimeInterval" type="ecc:TimeIntervalType">
1097             <xsd:annotation>
1098                 <xsd:documentation/>
1099             </xsd:annotation>
1100         </xsd:element>
1101         <xsd:element name="Domain" type="ecc:AreaType">
1102             <xsd:annotation>
1103                 <xsd:documentation/>
1104             </xsd:annotation>
1105         </xsd:element>
1106         <xsd:element name="SubjectParty" type="ecc:PartyType">
1107             <xsd:annotation>
1108                 <xsd:documentation/>
1109             </xsd:annotation>
1110         </xsd:element>
1111         <xsd:element name="SubjectRole" type="SubjectRoleType">
1112             <xsd:annotation>
1113                 <xsd:documentation/>
1114             </xsd:annotation>
1115         </xsd:element>
1116         <xsd:element name="BidTimeSeries" type="BidTimeSeries_Type" minOccurs="0"
1117         maxOccurs="unbounded"/>
1118     </xsd:sequence>
1119 </xsd:complexType>
1120 </xsd:element>
1121 </xsd:schema>

```

1122 5.3.3 RESTRICTED CODELIST

```

1123 <?xml version="1.0" encoding="UTF-8"?>
1124 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
1125 elementFormDefault="qualified" attributeFormDefault="unqualified">
1126     <!-- import the codelists -->
1127     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
1128 codelists.xsd"/>
1129     <!-- include the local message restrictions -->
1130     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-biddocument-6-0-local-restrictions.xsd"/>
1131     <!-- restricted codelists -->
1132     <xsd:complexType name="DocumentType">
1133         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
1134     </xsd:complexType>
1135     <xsd:simpleType name="StandardRestrictedDocumentType">
1136         <xsd:restriction base="ecl:StandardDocumentTypeList">
1137             <xsd:enumeration value="A24"/>
1138         </xsd:restriction>
1139     </xsd:simpleType>
1140     <xsd:simpleType name="RestrictedDocumentType">
1141         <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
1142     </xsd:simpleType>

```

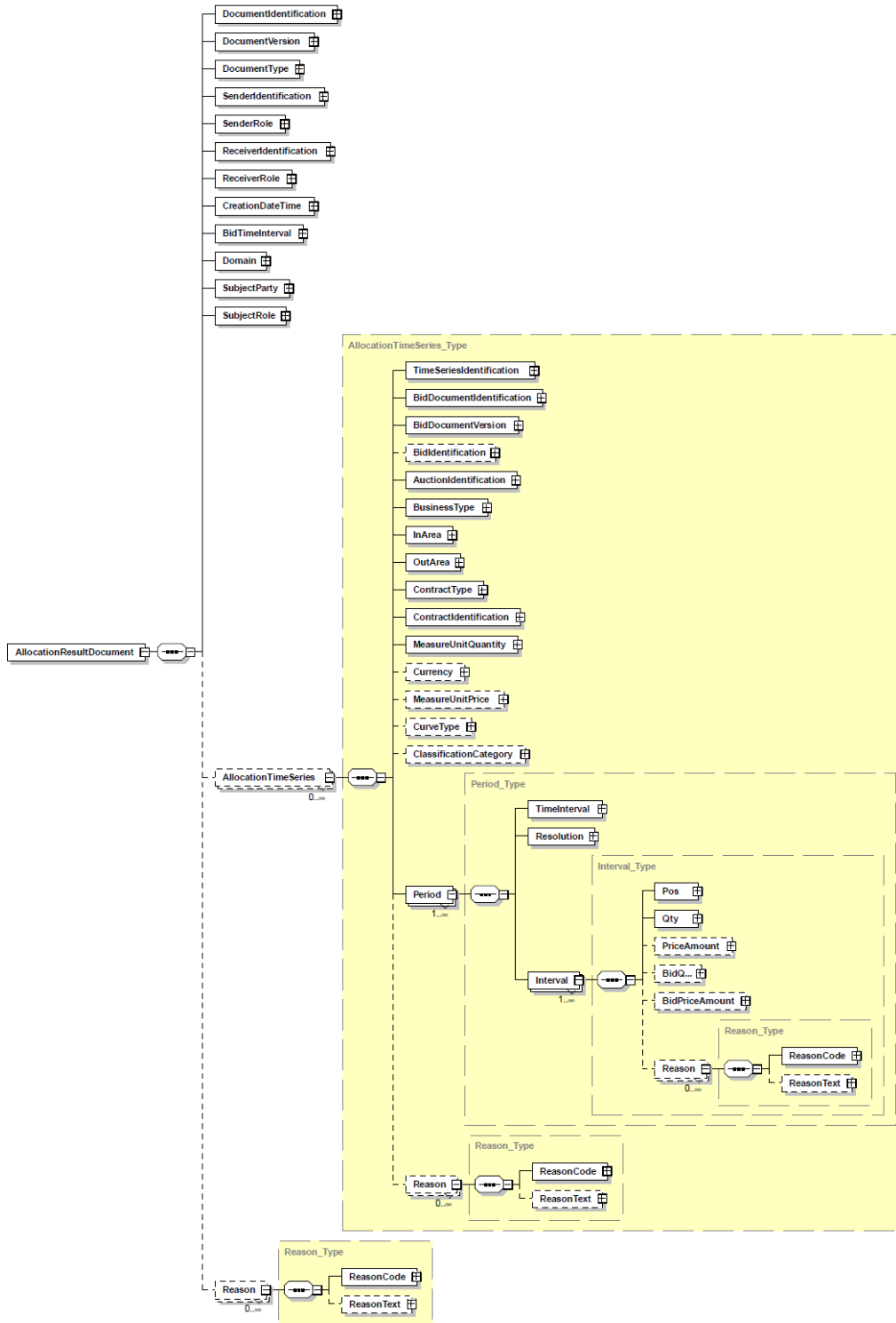
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```
1143     <xsd:complexType name="SubjectRoleType">
1144         <xsd:attribute name="v" type="RestrictedSubjectRoleType" use="required"/>
1145     </xsd:complexType>
1146     <xsd:simpleType name="StandardRestrictedSubjectRoleType">
1147         <xsd:restriction base="ecl:StandardRoleTypeList">
1148             <xsd:enumeration value="A29"/>
1149         </xsd:restriction>
1150     </xsd:simpleType>
1151     <xsd:simpleType name="RestrictedSubjectRoleType">
1152         <xsd:union memberTypes="StandardRestrictedSubjectRoleType LocalRestrictedSubjectRoleType"/>
1153     </xsd:simpleType>
1154     <xsd:complexType name="IndicatorType">
1155         <xsd:attribute name="v" type="RestrictedIndicatorType" use="required"/>
1156     </xsd:complexType>
1157     <xsd:simpleType name="StandardRestrictedIndicatorType">
1158         <xsd:restriction base="ecl:StandardIndicatorTypeList">
1159             <xsd:enumeration value="A01"/>
1160             <xsd:enumeration value="A02"/>
1161         </xsd:restriction>
1162     </xsd:simpleType>
1163     <xsd:simpleType name="RestrictedIndicatorType">
1164         <xsd:union memberTypes="StandardRestrictedIndicatorType LocalRestrictedIndicatorType"/>
1165     </xsd:simpleType>
1166 </xsd:schema>
```

1167 **5.4 ALLOCATION RESULT DOCUMENT**

1168 **5.4.1 XML SCHEMA STRUCTURE**



1169

1170

FIGURE 4: ALLOCATION RESULT DOCUMENT STRUCTURE

1171 5.4.2 XML SCHEMA

```
1172 <?xml version="1.0" encoding="UTF-8"?>
1173 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
1174 xmlns="urn:entsoe.eu:wgedi:ecan:allocationresultsdocument:6:0"
1175 targetNamespace="urn:entsoe.eu:wgedi:ecan:allocationresultsdocument:6:0" elementFormDefault="qualified"
1176 attributeFormDefault="unqualified">
1177   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
1178 components.xsd"/>
1179   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-allocationresultsdocument-6-0-restricted-codes.xsd"/>
1180   <!--
1181           ENTSO-E Document Automatically generated from a UML class diagram using XMI.
1182           Generation tool version 2.0
1183   -->
1184   <xsd:complexType name="Interval_Type">
1185     <xsd:annotation>
1186       <xsd:documentation/>
1187     </xsd:annotation>
1188     <xsd:sequence>
1189       <xsd:element name="Pos" type="ecc:PositionType">
1190         <xsd:annotation>
1191           <xsd:documentation/>
1192         </xsd:annotation>
1193       </xsd:element>
1194       <xsd:element name="Qty" type="ecc:QuantityType">
1195         <xsd:annotation>
1196           <xsd:documentation/>
1197         </xsd:annotation>
1198       </xsd:element>
1199       <xsd:element name="PriceAmount" type="ecc:AmountType" minOccurs="0">
1200         <xsd:annotation>
1201           <xsd:documentation/>
1202         </xsd:annotation>
1203       </xsd:element>
1204       <xsd:element name="BidQty" type="ecc:QuantityType" minOccurs="0">
1205         <xsd:annotation>
1206           <xsd:documentation/>
1207         </xsd:annotation>
1208       </xsd:element>
1209       <xsd:element name="BidPriceAmount" type="ecc:AmountType" minOccurs="0">
1210         <xsd:annotation>
1211           <xsd:documentation/>
1212         </xsd:annotation>
1213       </xsd:element>
1214       <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
1215     </xsd:sequence>
1216   </xsd:complexType>
1217   <xsd:complexType name="Period_Type">
1218     <xsd:annotation>
1219       <xsd:documentation/>
1220     </xsd:annotation>
1221     <xsd:sequence>
1222       <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
1223         <xsd:annotation>
1224           <xsd:documentation/>
1225         </xsd:annotation>
1226       </xsd:element>
1227       <xsd:element name="Resolution" type="ecc:ResolutionType">
1228         <xsd:annotation>
1229           <xsd:documentation/>
1230         </xsd:annotation>
1231       </xsd:element>
1232       <xsd:element name="Interval" type="Interval_Type" maxOccurs="unbounded"/>
1233     </xsd:sequence>
1234   </xsd:complexType>
1235   <xsd:complexType name="AllocationTimeSeries_Type">
1236     <xsd:annotation>
1237       <xsd:documentation/>
1238     </xsd:annotation>
1239     <xsd:sequence>
```

```

1240     <xsd:element name="TimeSeriesIdentification" type="ecc:IdentificationType">
1241         <xsd:annotation>
1242             <xsd:documentation/>
1243         </xsd:annotation>
1244     </xsd:element>
1245     <xsd:element name="BidDocumentIdentification" type="ecc:IdentificationType">
1246         <xsd:annotation>
1247             <xsd:documentation/>
1248         </xsd:annotation>
1249     </xsd:element>
1250     <xsd:element name="BidDocumentVersion" type="ecc:VersionType">
1251         <xsd:annotation>
1252             <xsd:documentation/>
1253         </xsd:annotation>
1254     </xsd:element>
1255     <xsd:element name="BidIdentification" type="ecc:IdentificationType" minOccurs="0">
1256         <xsd:annotation>
1257             <xsd:documentation/>
1258         </xsd:annotation>
1259     </xsd:element>
1260     <xsd:element name="AuctionIdentification" type="ecc:IdentificationType">
1261         <xsd:annotation>
1262             <xsd:documentation/>
1263         </xsd:annotation>
1264     </xsd:element>
1265     <xsd:element name="BusinessType" type="ecc:BusinessType">
1266         <xsd:annotation>
1267             <xsd:documentation/>
1268         </xsd:annotation>
1269     </xsd:element>
1270     <xsd:element name="InArea" type="ecc:AreaType">
1271         <xsd:annotation>
1272             <xsd:documentation/>
1273         </xsd:annotation>
1274     </xsd:element>
1275     <xsd:element name="OutArea" type="ecc:AreaType">
1276         <xsd:annotation>
1277             <xsd:documentation/>
1278         </xsd:annotation>
1279     </xsd:element>
1280     <xsd:element name="ContractType" type="ecc:ContractType">
1281         <xsd:annotation>
1282             <xsd:documentation/>
1283         </xsd:annotation>
1284     </xsd:element>
1285     <xsd:element name="ContractIdentification" type="ecc:IdentificationType">
1286         <xsd:annotation>
1287             <xsd:documentation/>
1288         </xsd:annotation>
1289     </xsd:element>
1290     <xsd:element name="MeasureUnitQuantity" type="ecc:UnitOfMeasureType">
1291         <xsd:annotation>
1292             <xsd:documentation/>
1293         </xsd:annotation>
1294     </xsd:element>
1295     <xsd:element name="Currency" type="ecc:CurrencyType" minOccurs="0">
1296         <xsd:annotation>
1297             <xsd:documentation/>
1298         </xsd:annotation>
1299     </xsd:element>
1300     <xsd:element name="MeasureUnitPrice" type="ecc:UnitOfMeasureType" minOccurs="0">
1301         <xsd:annotation>
1302             <xsd:documentation/>
1303         </xsd:annotation>
1304     </xsd:element>
1305     <xsd:element name="CurveType" type="CurveType" minOccurs="0">
1306         <xsd:annotation>
1307             <xsd:documentation/>
1308         </xsd:annotation>
1309     </xsd:element>
1310     <xsd:element name="ClassificationCategory" type="CategoryType" minOccurs="0">

```

```

1311         <xsd:annotation>
1312             <xsd:documentation/>
1313         </xsd:annotation>
1314     </xsd:element>
1315     <xsd:element name="Period" type="Period_Type" maxOccurs="unbounded"/>
1316     <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
1317 </xsd:sequence>
1318 </xsd:complexType>
1319 <xsd:element name="AllocationResultDocument">
1320     <xsd:complexType>
1321         <xsd:annotation>
1322             <xsd:documentation/>
1323         </xsd:annotation>
1324     <xsd:sequence>
1325         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
1326             <xsd:annotation>
1327                 <xsd:documentation/>
1328             </xsd:annotation>
1329         </xsd:element>
1330         <xsd:element name="DocumentVersion" type="ecc:VersionType">
1331             <xsd:annotation>
1332                 <xsd:documentation/>
1333             </xsd:annotation>
1334         </xsd:element>
1335         <xsd:element name="DocumentType" type="DocumentType">
1336             <xsd:annotation>
1337                 <xsd:documentation/>
1338             </xsd:annotation>
1339         </xsd:element>
1340         <xsd:element name="SenderIdentification" type="ecc:PartyType">
1341             <xsd:annotation>
1342                 <xsd:documentation/>
1343             </xsd:annotation>
1344         </xsd:element>
1345         <xsd:element name="SenderRole" type="RoleType">
1346             <xsd:annotation>
1347                 <xsd:documentation/>
1348             </xsd:annotation>
1349         </xsd:element>
1350         <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
1351             <xsd:annotation>
1352                 <xsd:documentation/>
1353             </xsd:annotation>
1354         </xsd:element>
1355         <xsd:element name="ReceiverRole" type="ecc:RoleType">
1356             <xsd:annotation>
1357                 <xsd:documentation/>
1358             </xsd:annotation>
1359         </xsd:element>
1360         <xsd:element name="CreationDateTime" type="ecc:DocumentDateTimeType">
1361             <xsd:annotation>
1362                 <xsd:documentation/>
1363             </xsd:annotation>
1364         </xsd:element>
1365         <xsd:element name="BidTimeInterval" type="ecc:TimeIntervalType">
1366             <xsd:annotation>
1367                 <xsd:documentation/>
1368             </xsd:annotation>
1369         </xsd:element>
1370         <xsd:element name="Domain" type="ecc:AreaType">
1371             <xsd:annotation>
1372                 <xsd:documentation/>
1373             </xsd:annotation>
1374         </xsd:element>
1375         <xsd:element name="SubjectParty" type="ecc:PartyType">
1376             <xsd:annotation>
1377                 <xsd:documentation/>
1378             </xsd:annotation>
1379         </xsd:element>
1380         <xsd:element name="SubjectRole" type="ecc:RoleType">
1381             <xsd:annotation>

```

```

1382                                     <xsd:documentation/>
1383                                 </xsd:annotation>
1384                             </xsd:element>
1385                             <xsd:element name="AllocationTimeSeries" type="AllocationTimeSeries_Type"
1386 minOccurs="0" maxOccurs="unbounded"/>
1387                             <xsd:element name="Reason" type="Reason_Type" minOccurs="0"
1388 maxOccurs="unbounded"/>
1389                                 </xsd:sequence>
1390                             </xsd:complexType>
1391                         </xsd:element>
1392                     <xsd:complexType name="Reason_Type">
1393                         <xsd:annotation>
1394                             <xsd:documentation/>
1395                         </xsd:annotation>
1396                         <xsd:sequence>
1397                             <xsd:element name="ReasonCode" type="ReasonCodeType">
1398                                 <xsd:annotation>
1399                                     <xsd:documentation/>
1400                                 </xsd:annotation>
1401                             </xsd:element>
1402                             <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">
1403                                 <xsd:annotation>
1404                                     <xsd:documentation/>
1405                                 </xsd:annotation>
1406                             </xsd:element>
1407                         </xsd:sequence>
1408                     </xsd:complexType>
1409 </xsd:schema>

```

1410 5.4.3 RESTRICTED CODELIST

```

1411 <?xml version="1.0" encoding="UTF-8"?>
1412 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
1413 elementFormDefault="qualified" attributeFormDefault="unqualified">
1414     <!-- import the codelists -->
1415     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
1416 codelists.xsd"/>
1417     <!-- include the local message restrictions -->
1418     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-allocationresultsdocument-6-0-local-restrictions.xsd"/>
1419     <!-- restricted codelists -->
1420     <xsd:complexType name="DocumentType">
1421         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
1422     </xsd:complexType>
1423     <xsd:simpleType name="StandardRestrictedDocumentType">
1424         <xsd:restriction base="ecl:StandardDocumentTypeList">
1425             <xsd:enumeration value="A25"/>
1426         </xsd:restriction>
1427     </xsd:simpleType>
1428     <xsd:simpleType name="RestrictedDocumentType">
1429         <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
1430     </xsd:simpleType>
1431     <xsd:complexType name="RoleType">
1432         <xsd:attribute name="v" type="RestrictedRoleType" use="required"/>
1433     </xsd:complexType>
1434     <xsd:simpleType name="StandardRestrictedRoleType">
1435         <xsd:restriction base="ecl:StandardRoleTypeList">
1436             <xsd:enumeration value="A07"/>
1437         </xsd:restriction>
1438     </xsd:simpleType>
1439     <xsd:simpleType name="RestrictedRoleType">
1440         <xsd:union memberTypes="StandardRestrictedRoleType LocalRestrictedRoleType"/>
1441     </xsd:simpleType>
1442     <xsd:complexType name="CurveType">
1443         <xsd:attribute name="v" type="RestrictedCurveType" use="required"/>
1444     </xsd:complexType>
1445     <xsd:simpleType name="StandardRestrictedCurveType">
1446         <xsd:restriction base="ecl:StandardCurveTypeList">
1447             <xsd:enumeration value="A01"/>
1448             <xsd:enumeration value="A03"/>
1449         </xsd:restriction>

```



```

1450     </xsd:simpleType>
1451     <xsd:simpleType name="RestrictedCurveType">
1452         <xsd:union memberTypes="StandardRestrictedCurveType LocalRestrictedCurveType"/>
1453     </xsd:simpleType>
1454     <xsd:complexType name="CategoryType">
1455         <xsd:attribute name="v" type="RestrictedCategoryType" use="required"/>
1456     </xsd:complexType>
1457     <xsd:simpleType name="StandardRestrictedCategoryType">
1458         <xsd:restriction base="ecl:StandardCategoryTypeList">
1459             <xsd:enumeration value="A01"/>
1460             <xsd:enumeration value="A02"/>
1461             <xsd:enumeration value="A03"/>
1462             <xsd:enumeration value="A04"/>
1463         </xsd:restriction>
1464     </xsd:simpleType>
1465     <xsd:simpleType name="RestrictedCategoryType">
1466         <xsd:union memberTypes="StandardRestrictedCategoryType LocalRestrictedCategoryType"/>
1467     </xsd:simpleType>
1468     <xsd:complexType name="ReasonCodeType">
1469         <xsd:attribute name="v" type="RestrictedReasonCodeType" use="required"/>
1470     </xsd:complexType>
1471     <xsd:simpleType name="StandardRestrictedReasonCodeType">
1472         <xsd:restriction base="ecl:StandardReasonCodeTypeList">
1473             <xsd:enumeration value="A71"/>
1474             <xsd:enumeration value="A72"/>
1475             <xsd:enumeration value="A73"/>
1476             <xsd:enumeration value="A74"/>
1477         </xsd:restriction>
1478     </xsd:simpleType>
1479     <xsd:simpleType name="RestrictedReasonCodeType">
1480         <xsd:union memberTypes="StandardRestrictedReasonCodeType LocalRestrictedReasonCodeType"/>
1481     </xsd:simpleType>
1482 </xsd:schema>

```

1483 5.5 TOTAL ALLOCATION RESULT DOCUMENT

1484 5.5.1 RULES GOVERNING THE NOBIDAUCTIONTIMESERIES CLASS

1485 There may be several no bid auction timeseries classes for a total allocation results
1486 document. Each time series identifies an auction where no market participant bids have been
1487 received.

1488 A Reason class is associated with the no bid auction timeseries to provide additional
1489 information.

1490 5.5.1.1 IDENTIFICATION

ACTION	DESCRIPTION
Definition of element	The identification of a time series instance.
Description	An identification that uniquely identified the no bid auction time series.
Size	The maximum size of an identification is 35 alphanumeric characters.
Applicability	This information is mandatory.
Dependence requirements	None.

1491 **5.5.1.2 AUCTIONIDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	The identification of the auction where no bids were received.
Description	The identification of the auction where no bids have been received.
Size	The identification of an auction may not exceed 35 alphanumeric characters.
Applicability	This information is Mandatory.
Dependence requirements	None

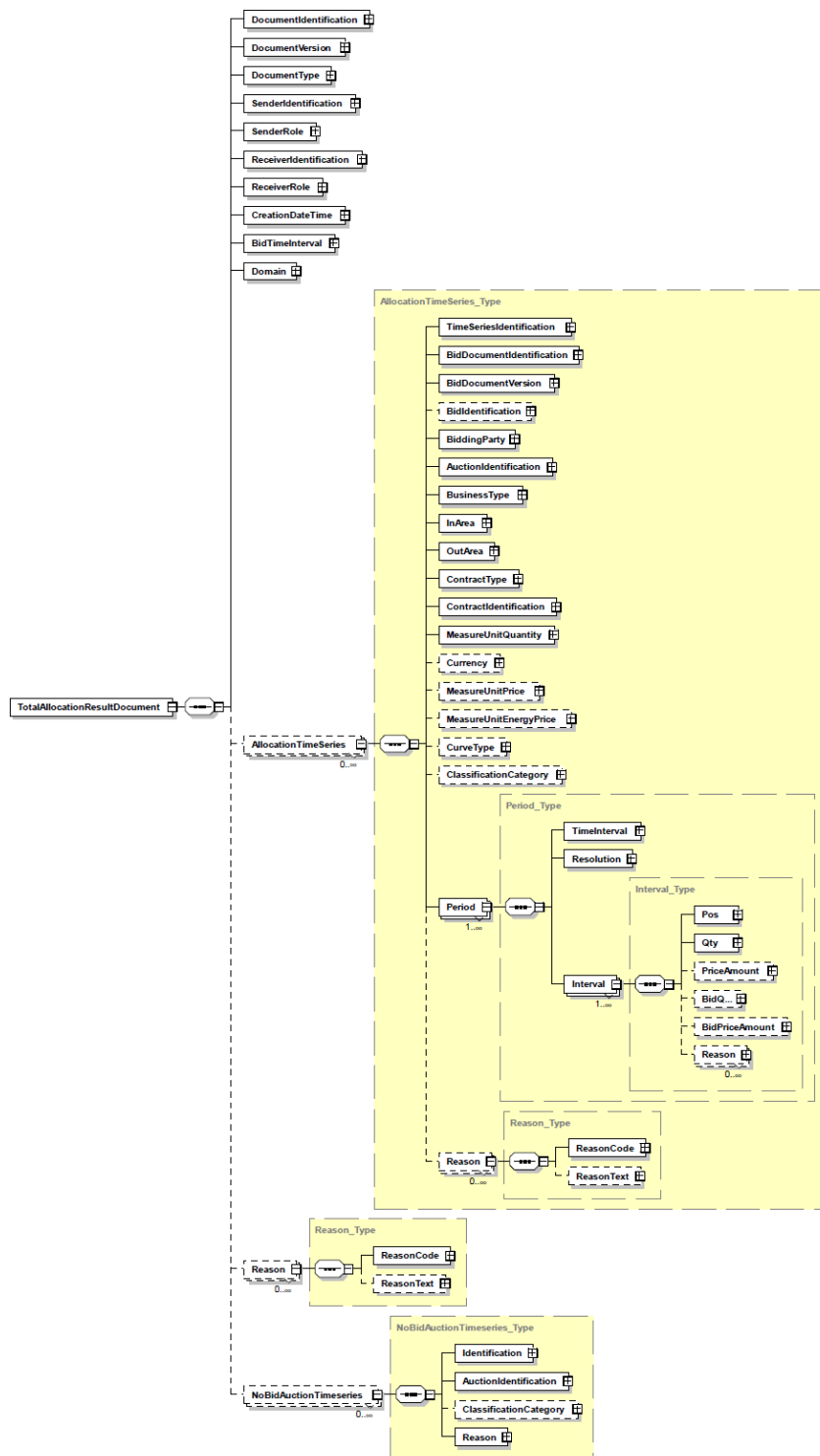
1492 **5.5.1.3 CLASSIFICATIONCATEGORY**

ACTION	DESCRIPTION
Definition of element	The category of the product as defined by market rules.
Description	This information provides the basic category of the auction and describes what hours of the day are being auctioned. The following codes have been initially defined: A01: Base A02: Peak A03: Off-peak A04: Hourly Refer to ENTSO-E Core Component Code list document for valid Classification Category codes.
Size	The classification category value must be exactly 3 alphanumeric characters (no blanks).
Applicability	This information is dependent.
Dependence requirements	The use of this depends on local market rules.

1493

1494

5.5.2 XML SCHEMA STRUCTURE



1495

1496

FIGURE 5: TOTAL ALLOCATION RESULT DOCUMENT STRUCTURE

5.5.3 XML SCHEMA

1498 <?xml version="1.0" encoding="UTF-8"?>

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```

1499 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
1500 xmlns="urn:entsoe.eu:wgedi:ecan:totalallocationresultsdocument:6:0"
1501 targetNamespace="urn:entsoe.eu:wgedi:ecan:totalallocationresultsdocument:6:0" elementFormDefault="qualified"
1502 attributeFormDefault="unqualified">
1503   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
1504 components.xsd"/>
1505   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-totalallocationresultsdocument-6-0-restricted-codes.xsd"/>
1506   <!--
1507           ENTSO-E Document Automatically generated from a UML class diagram using XMI.
1508           Generation tool version 2.0
1509   -->
1510   <xsd:complexType name="Interval_Type">
1511     <xsd:annotation>
1512       <xsd:documentation/>
1513     </xsd:annotation>
1514     <xsd:sequence>
1515       <xsd:element name="Pos" type="ecc:PositionType">
1516         <xsd:annotation>
1517           <xsd:documentation/>
1518         </xsd:annotation>
1519       </xsd:element>
1520       <xsd:element name="Qty" type="ecc:QuantityType">
1521         <xsd:annotation>
1522           <xsd:documentation/>
1523         </xsd:annotation>
1524       </xsd:element>
1525       <xsd:element name="PriceAmount" type="ecc:AmountType" minOccurs="0">
1526         <xsd:annotation>
1527           <xsd:documentation/>
1528         </xsd:annotation>
1529       </xsd:element>
1530       <xsd:element name="BidQty" type="ecc:QuantityType" minOccurs="0">
1531         <xsd:annotation>
1532           <xsd:documentation/>
1533         </xsd:annotation>
1534       </xsd:element>
1535       <xsd:element name="BidPriceAmount" type="ecc:AmountType" minOccurs="0">
1536         <xsd:annotation>
1537           <xsd:documentation/>
1538         </xsd:annotation>
1539       </xsd:element>
1540       <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
1541     </xsd:sequence>
1542   </xsd:complexType>
1543   <xsd:complexType name="Period_Type">
1544     <xsd:annotation>
1545       <xsd:documentation/>
1546     </xsd:annotation>
1547     <xsd:sequence>
1548       <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
1549         <xsd:annotation>
1550           <xsd:documentation/>
1551         </xsd:annotation>
1552       </xsd:element>
1553       <xsd:element name="Resolution" type="ecc:ResolutionType">
1554         <xsd:annotation>
1555           <xsd:documentation/>
1556         </xsd:annotation>
1557       </xsd:element>
1558       <xsd:element name="Interval" type="Interval_Type" maxOccurs="unbounded"/>
1559     </xsd:sequence>
1560   </xsd:complexType>
1561   <xsd:complexType name="AllocationTimeSeries_Type">
1562     <xsd:annotation>
1563       <xsd:documentation/>
1564     </xsd:annotation>
1565     <xsd:sequence>
1566       <xsd:element name="TimeSeriesIdentification" type="ecc:IdentificationType">
1567         <xsd:annotation>
1568           <xsd:documentation/>
1569         </xsd:annotation>

```

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```

1570         </xsd:element>
1571         <xsd:element name="BidDocumentIdentification" type="ecc:IdentificationType">
1572             <xsd:annotation>
1573                 <xsd:documentation/>
1574             </xsd:annotation>
1575         </xsd:element>
1576         <xsd:element name="BidDocumentVersion" type="ecc:VersionType">
1577             <xsd:annotation>
1578                 <xsd:documentation/>
1579             </xsd:annotation>
1580         </xsd:element>
1581         <xsd:element name="BidIdentification" type="ecc:IdentificationType" minOccurs="0">
1582             <xsd:annotation>
1583                 <xsd:documentation/>
1584             </xsd:annotation>
1585         </xsd:element>
1586         <xsd:element name="BiddingParty" type="ecc:PartyType">
1587             <xsd:annotation>
1588                 <xsd:documentation/>
1589             </xsd:annotation>
1590         </xsd:element>
1591         <xsd:element name="AuctionIdentification" type="ecc:IdentificationType">
1592             <xsd:annotation>
1593                 <xsd:documentation/>
1594             </xsd:annotation>
1595         </xsd:element>
1596         <xsd:element name="BusinessType" type="ecc:BusinessType">
1597             <xsd:annotation>
1598                 <xsd:documentation/>
1599             </xsd:annotation>
1600         </xsd:element>
1601         <xsd:element name="InArea" type="ecc:AreaType">
1602             <xsd:annotation>
1603                 <xsd:documentation/>
1604             </xsd:annotation>
1605         </xsd:element>
1606         <xsd:element name="OutArea" type="ecc:AreaType">
1607             <xsd:annotation>
1608                 <xsd:documentation/>
1609             </xsd:annotation>
1610         </xsd:element>
1611         <xsd:element name="ContractType" type="ecc:ContractType">
1612             <xsd:annotation>
1613                 <xsd:documentation/>
1614             </xsd:annotation>
1615         </xsd:element>
1616         <xsd:element name="ContractIdentification" type="ecc:IdentificationType">
1617             <xsd:annotation>
1618                 <xsd:documentation/>
1619             </xsd:annotation>
1620         </xsd:element>
1621         <xsd:element name="MeasureUnitQuantity" type="ecc:UnitOfMeasureType">
1622             <xsd:annotation>
1623                 <xsd:documentation/>
1624             </xsd:annotation>
1625         </xsd:element>
1626         <xsd:element name="Currency" type="ecc:CurrencyType" minOccurs="0">
1627             <xsd:annotation>
1628                 <xsd:documentation/>
1629             </xsd:annotation>
1630         </xsd:element>
1631         <xsd:element name="MeasureUnitPrice" type="ecc:UnitOfMeasureType" minOccurs="0">
1632             <xsd:annotation>
1633                 <xsd:documentation/>
1634             </xsd:annotation>
1635         </xsd:element>
1636         <xsd:element name="MeasureUnitEnergyPrice" type="ecc:UnitOfMeasureType" minOccurs="0">
1637             <xsd:annotation>
1638                 <xsd:documentation/>
1639             </xsd:annotation>
1640         </xsd:element>

```

```

1641         <xsd:element name="CurveType" type="CurveType" minOccurs="0">
1642             <xsd:annotation>
1643                 <xsd:documentation/>
1644             </xsd:annotation>
1645         </xsd:element>
1646         <xsd:element name="ClassificationCategory" type="CategoryType" minOccurs="0">
1647             <xsd:annotation>
1648                 <xsd:documentation/>
1649             </xsd:annotation>
1650         </xsd:element>
1651         <xsd:element name="Period" type="Period_Type" maxOccurs="unbounded"/>
1652         <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
1653     </xsd:sequence>
1654 </xsd:complexType>
1655 <xsd:element name="TotalAllocationResultDocument">
1656     <xsd:complexType>
1657         <xsd:annotation>
1658             <xsd:documentation/>
1659         </xsd:annotation>
1660     <xsd:sequence>
1661         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
1662             <xsd:annotation>
1663                 <xsd:documentation/>
1664             </xsd:annotation>
1665         </xsd:element>
1666         <xsd:element name="DocumentVersion" type="ecc:VersionType">
1667             <xsd:annotation>
1668                 <xsd:documentation/>
1669             </xsd:annotation>
1670         </xsd:element>
1671         <xsd:element name="DocumentType" type="DocumentType">
1672             <xsd:annotation>
1673                 <xsd:documentation/>
1674             </xsd:annotation>
1675         </xsd:element>
1676         <xsd:element name="SenderIdIdentification" type="ecc:PartyType">
1677             <xsd:annotation>
1678                 <xsd:documentation/>
1679             </xsd:annotation>
1680         </xsd:element>
1681         <xsd:element name="SenderRole" type="RoleType">
1682             <xsd:annotation>
1683                 <xsd:documentation/>
1684             </xsd:annotation>
1685         </xsd:element>
1686         <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
1687             <xsd:annotation>
1688                 <xsd:documentation/>
1689             </xsd:annotation>
1690         </xsd:element>
1691         <xsd:element name="ReceiverRole" type="ecc:RoleType">
1692             <xsd:annotation>
1693                 <xsd:documentation/>
1694             </xsd:annotation>
1695         </xsd:element>
1696         <xsd:element name="CreationDateTime" type="ecc:DocumentDateTimeType">
1697             <xsd:annotation>
1698                 <xsd:documentation/>
1699             </xsd:annotation>
1700         </xsd:element>
1701         <xsd:element name="BidTimeInterval" type="ecc:TimeIntervalType">
1702             <xsd:annotation>
1703                 <xsd:documentation/>
1704             </xsd:annotation>
1705         </xsd:element>
1706         <xsd:element name="Domain" type="ecc:AreaType">
1707             <xsd:annotation>
1708                 <xsd:documentation/>
1709             </xsd:annotation>
1710     </xsd:element>

```

```

1711                                     <xsd:element name="AllocationTimeSeries" type="AllocationTimeSeries_Type"
1712 minOccurs="0" maxOccurs="unbounded"/>
1713                                     <xsd:element name="Reason" type="Reason_Type" minOccurs="0"
1714 maxOccurs="unbounded"/>
1715                                     <xsd:element name="NoBidAuctionTimeseries" type="NoBidAuctionTimeseries_Type"
1716 minOccurs="0" maxOccurs="unbounded"/>
1717                                     </xsd:sequence>
1718                                 </xsd:complexType>
1719 </xsd:element>
1720 <xsd:complexType name="Reason_Type">
1721     <xsd:annotation>
1722         <xsd:documentation/>
1723     </xsd:annotation>
1724     <xsd:sequence>
1725         <xsd:element name="ReasonCode" type="ReasonCodeType">
1726             <xsd:annotation>
1727                 <xsd:documentation/>
1728             </xsd:annotation>
1729         </xsd:element>
1730         <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">
1731             <xsd:annotation>
1732                 <xsd:documentation/>
1733             </xsd:annotation>
1734         </xsd:element>
1735     </xsd:sequence>
1736 </xsd:complexType>
1737 <xsd:complexType name="NoBidAuctionTimeseries_Type">
1738     <xsd:annotation>
1739         <xsd:documentation/>
1740     </xsd:annotation>
1741     <xsd:sequence>
1742         <xsd:element name="Identification" type="ecc:IdentificationType">
1743             <xsd:annotation>
1744                 <xsd:documentation/>
1745             </xsd:annotation>
1746         </xsd:element>
1747         <xsd:element name="AuctionIdentification" type="ecc:IdentificationType">
1748             <xsd:annotation>
1749                 <xsd:documentation/>
1750             </xsd:annotation>
1751         </xsd:element>
1752         <xsd:element name="ClassificationCategory" type="CategoryType" minOccurs="0">
1753             <xsd:annotation>
1754                 <xsd:documentation/>
1755             </xsd:annotation>
1756         </xsd:element>
1757         <xsd:element name="Reason" type="Reason_Type"/>
1758     </xsd:sequence>
1759 </xsd:complexType>
1760 </xsd:schema>

```

1761 5.5.4 RESTRICTED CODELIST

```

1762 <?xml version="1.0" encoding="UTF-8"?>
1763 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
1764 elementFormDefault="qualified" attributeFormDefault="unqualified">
1765     <!-- import the codelists -->
1766     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
1767 codelists.xsd"/>
1768     <!-- include the local message restrictions -->
1769     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-totalallocationresultsdocument-6-0-local-restrictions.xsd"/>
1770     <!-- restricted codelists -->
1771     <xsd:complexType name="DocumentType">
1772         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
1773     </xsd:complexType>
1774     <xsd:simpleType name="StandardRestrictedDocumentType">
1775         <xsd:restriction base="ecl:StandardDocumentTypeList">
1776             <xsd:enumeration value="A25"/>
1777         </xsd:restriction>
1778     </xsd:simpleType>

```

ENTSO-E CORRIGENDUM TO ECAN, ACKNOWLEDGEMENT, ESR
AND ESP IMPLEMENTATION GUIDES

VERSION: 1

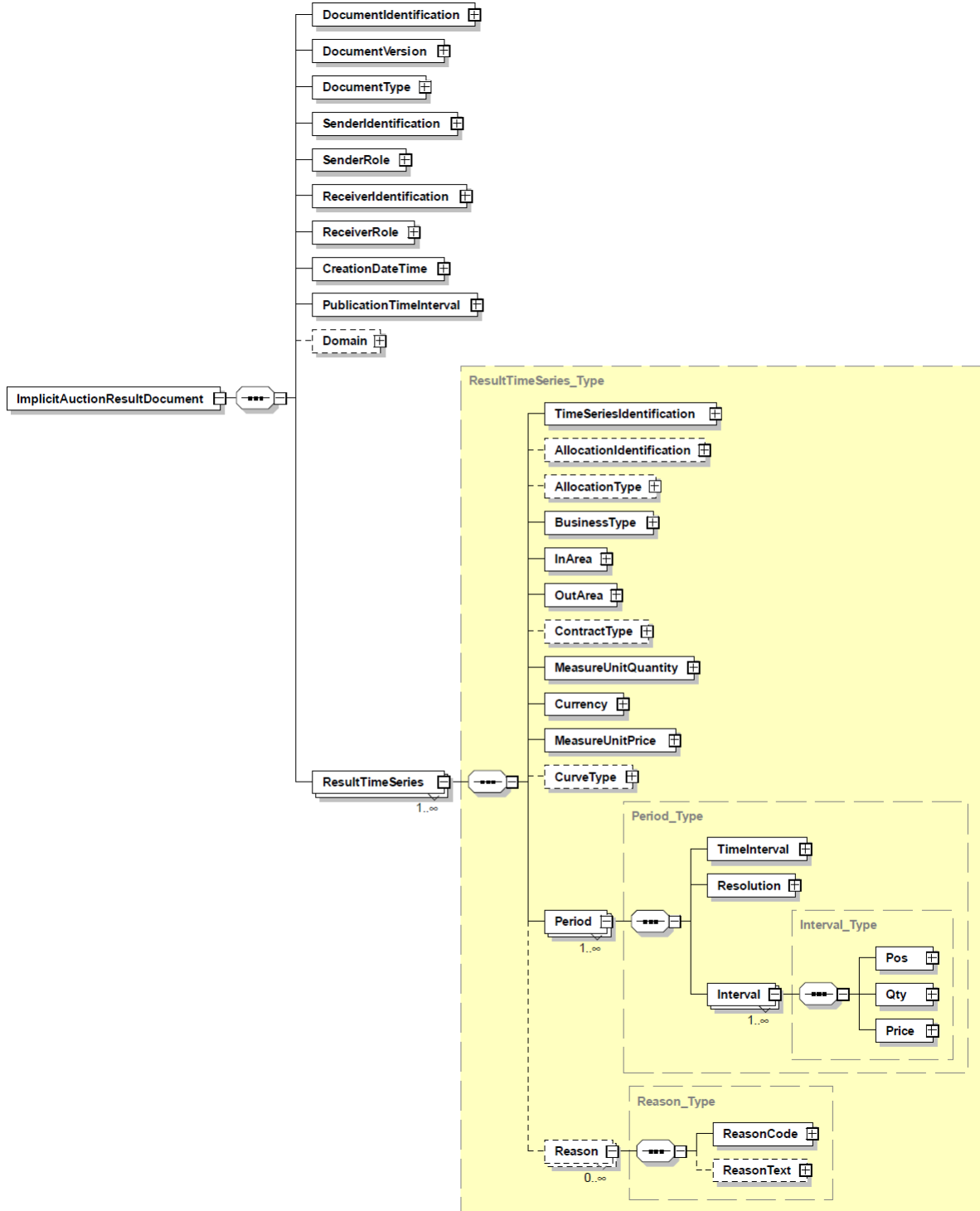
```

1779     <xsd:simpleType name="RestrictedDocumentType">
1780         <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
1781     </xsd:simpleType>
1782     <xsd:complexType name="RoleType">
1783         <xsd:attribute name="v" type="RestrictedRoleType" use="required"/>
1784     </xsd:complexType>
1785     <xsd:simpleType name="StandardRestrictedRoleType">
1786         <xsd:restriction base="ecl:StandardRoleTypeList">
1787             <xsd:enumeration value="A07"/>
1788         </xsd:restriction>
1789     </xsd:simpleType>
1790     <xsd:simpleType name="RestrictedRoleType">
1791         <xsd:union memberTypes="StandardRestrictedRoleType LocalRestrictedRoleType"/>
1792     </xsd:simpleType>
1793     <xsd:complexType name="CurveType">
1794         <xsd:attribute name="v" type="RestrictedCurveType" use="required"/>
1795     </xsd:complexType>
1796     <xsd:simpleType name="StandardRestrictedCurveType">
1797         <xsd:restriction base="ecl:StandardCurveTypeList">
1798             <xsd:enumeration value="A01"/>
1799             <xsd:enumeration value="A03"/>
1800         </xsd:restriction>
1801     </xsd:simpleType>
1802     <xsd:simpleType name="RestrictedCurveType">
1803         <xsd:union memberTypes="StandardRestrictedCurveType LocalRestrictedCurveType"/>
1804     </xsd:simpleType>
1805     <xsd:complexType name="CategoryType">
1806         <xsd:attribute name="v" type="RestrictedCategoryType" use="required"/>
1807     </xsd:complexType>
1808     <xsd:simpleType name="StandardRestrictedCategoryType">
1809         <xsd:restriction base="ecl:StandardCategoryTypeList">
1810             <xsd:enumeration value="A01"/>
1811             <xsd:enumeration value="A02"/>
1812             <xsd:enumeration value="A03"/>
1813             <xsd:enumeration value="A04"/>
1814         </xsd:restriction>
1815     </xsd:simpleType>
1816     <xsd:simpleType name="RestrictedCategoryType">
1817         <xsd:union memberTypes="StandardRestrictedCategoryType LocalRestrictedCategoryType"/>
1818     </xsd:simpleType>
1819     <xsd:complexType name="ReasonCodeType">
1820         <xsd:attribute name="v" type="RestrictedReasonCodeType" use="required"/>
1821     </xsd:complexType>
1822     <xsd:simpleType name="StandardRestrictedReasonCodeType">
1823         <xsd:restriction base="ecl:StandardReasonCodeTypeList">
1824             <xsd:enumeration value="A71"/>
1825             <xsd:enumeration value="A72"/>
1826             <xsd:enumeration value="A73"/>
1827             <xsd:enumeration value="A74"/>
1828         </xsd:restriction>
1829     </xsd:simpleType>
1830     <xsd:simpleType name="RestrictedReasonCodeType">
1831         <xsd:union memberTypes="StandardRestrictedReasonCodeType LocalRestrictedReasonCodeType"/>
1832     </xsd:simpleType>
1833 </xsd:schema>

```


1834 **5.6 IMPLICIT AUCTION RESULT DOCUMENT**

1835 **5.6.1 XML SCHEMA STRUCTURE**



1836

1837

FIGURE 6: IMPLICIT AUCTION RESULT DOCUMENT STRUCTURE

1838

5.6.2 XML SCHEMA

```
1839 <?xml version="1.0" encoding="UTF-8"?>
1840 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
1841 xmlns="urn:entsoe.eu:wgedi:ecan:implicitauctionresultdocument:6:0"
1842 targetNamespace="urn:entsoe.eu:wgedi:ecan:implicitauctionresultdocument:6:0" elementFormDefault="qualified"
1843 attributeFormDefault="unqualified">
1844   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
1845 components.xsd"/>
1846   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-implicitauctionresultdocument-6-0-restricted-codes.xsd"/>
1847   <!--
1848           ENTSO-E Document Automatically generated from a UML class diagram using XML.
1849           Generation tool version 2.0
1850   -->
1851   <xsd:complexType name="Interval_Type">
1852     <xsd:annotation>
1853       <xsd:documentation/>
1854     </xsd:annotation>
1855     <xsd:sequence>
1856       <xsd:element name="Pos" type="ecc:PositionType">
1857         <xsd:annotation>
1858           <xsd:documentation/>
1859         </xsd:annotation>
1860       </xsd:element>
1861       <xsd:element name="Qty" type="ecc:QuantityType">
1862         <xsd:annotation>
1863           <xsd:documentation/>
1864         </xsd:annotation>
1865       </xsd:element>
1866       <xsd:element name="Price" type="ecc:AmountType">
1867         <xsd:annotation>
1868           <xsd:documentation/>
1869         </xsd:annotation>
1870       </xsd:element>
1871     </xsd:sequence>
1872   </xsd:complexType>
1873   <xsd:complexType name="Period_Type">
1874     <xsd:annotation>
1875       <xsd:documentation/>
1876     </xsd:annotation>
1877     <xsd:sequence>
1878       <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
1879         <xsd:annotation>
1880           <xsd:documentation/>
1881         </xsd:annotation>
1882       </xsd:element>
1883       <xsd:element name="Resolution" type="ecc:ResolutionType">
1884         <xsd:annotation>
1885           <xsd:documentation/>
1886         </xsd:annotation>
1887       </xsd:element>
1888       <xsd:element name="Interval" type="Interval_Type" maxOccurs="unbounded"/>
1889     </xsd:sequence>
1890   </xsd:complexType>
1891   <xsd:complexType name="ResultTimeSeries_Type">
1892     <xsd:annotation>
1893       <xsd:documentation/>
1894     </xsd:annotation>
1895     <xsd:sequence>
1896       <xsd:element name="TimeSeriesIdentification" type="ecc:IdentificationType">
1897         <xsd:annotation>
1898           <xsd:documentation/>
1899         </xsd:annotation>
1900       </xsd:element>
1901       <xsd:element name="AllocationIdentification" type="ecc:IdentificationType" minOccurs="0">
1902         <xsd:annotation>
1903           <xsd:documentation/>
1904         </xsd:annotation>
1905       </xsd:element>
1906       <xsd:element name="AllocationType" type="AuctionType" minOccurs="0">
```

ENTSO-E CORRIGENDUM TO ECAN, ACKNOWLEDGEMENT, ESR
AND ESP IMPLEMENTATION GUIDES

VERSION: 1

```

1907         <xsd:annotation>
1908             <xsd:documentation/>
1909         </xsd:annotation>
1910     </xsd:element>
1911     <xsd:element name="BusinessType" type="BusinessType">
1912         <xsd:annotation>
1913             <xsd:documentation/>
1914         </xsd:annotation>
1915     </xsd:element>
1916     <xsd:element name="InArea" type="ecc:AreaType">
1917         <xsd:annotation>
1918             <xsd:documentation/>
1919         </xsd:annotation>
1920 </xsd:element>
1921 <xsd:element name="OutArea" type="ecc:AreaType">
1922     <xsd:annotation>
1923         <xsd:documentation/>
1924     </xsd:annotation>
1925 </xsd:element>
1926 <xsd:element name="ContractType" type="ecc:ContractType" minOccurs="0">
1927     <xsd:annotation>
1928         <xsd:documentation/>
1929     </xsd:annotation>
1930 </xsd:element>
1931 <xsd:element name="MeasureUnitQuantity" type="ecc:UnitOfMeasureType">
1932     <xsd:annotation>
1933         <xsd:documentation/>
1934     </xsd:annotation>
1935 </xsd:element>
1936 <xsd:element name="Currency" type="ecc:CurrencyType">
1937     <xsd:annotation>
1938         <xsd:documentation/>
1939     </xsd:annotation>
1940 </xsd:element>
1941 <xsd:element name="MeasureUnitPrice" type="ecc:UnitOfMeasureType">
1942     <xsd:annotation>
1943         <xsd:documentation/>
1944     </xsd:annotation>
1945 </xsd:element>
1946 <xsd:element name="CurveType" type="CurveType" minOccurs="0">
1947     <xsd:annotation>
1948         <xsd:documentation/>
1949     </xsd:annotation>
1950 </xsd:element>
1951 <xsd:element name="Period" type="Period_Type" maxOccurs="unbounded"/>
1952 <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
1953 </xsd:sequence>
1954 </xsd:complexType>
1955 <xsd:element name="ImplicitAuctionResultDocument">
1956     <xsd:complexType>
1957         <xsd:annotation>
1958             <xsd:documentation/>
1959         </xsd:annotation>
1960     <xsd:sequence>
1961         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
1962             <xsd:annotation>
1963                 <xsd:documentation/>
1964             </xsd:annotation>
1965         </xsd:element>
1966         <xsd:element name="DocumentVersion" type="ecc:VersionType">
1967             <xsd:annotation>
1968                 <xsd:documentation/>
1969             </xsd:annotation>
1970         </xsd:element>
1971         <xsd:element name="DocumentType" type="DocumentType">
1972             <xsd:annotation>
1973                 <xsd:documentation/>
1974             </xsd:annotation>
1975         </xsd:element>
1976         <xsd:element name="SenderIdIdentification" type="ecc:PartyType">
1977             <xsd:annotation>

```

```

1978         <xsd:documentation/>
1979     </xsd:annotation>
1980 </xsd:element>
1981 <xsd:element name="SenderRole" type="RoleType">
1982     <xsd:annotation>
1983         <xsd:documentation/>
1984     </xsd:annotation>
1985 </xsd:element>
1986 <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
1987     <xsd:annotation>
1988         <xsd:documentation/>
1989     </xsd:annotation>
1990 </xsd:element>
1991 <xsd:element name="ReceiverRole" type="RoleType">
1992     <xsd:annotation>
1993         <xsd:documentation/>
1994     </xsd:annotation>
1995 </xsd:element>
1996 <xsd:element name="CreationDateTime" type="ecc:DocumentDateTimeType">
1997     <xsd:annotation>
1998         <xsd:documentation/>
1999     </xsd:annotation>
2000 </xsd:element>
2001 <xsd:element name="PublicationTimeInterval" type="ecc:TimeIntervalType">
2002     <xsd:annotation>
2003         <xsd:documentation/>
2004     </xsd:annotation>
2005 </xsd:element>
2006 <xsd:element name="Domain" type="ecc:AreaType" minOccurs="0">
2007     <xsd:annotation>
2008         <xsd:documentation/>
2009     </xsd:annotation>
2010 </xsd:element>
2011 <xsd:element name="ResultTimeSeries" type="ResultTimeSeries_Type"
2012 maxOccurs="unbounded"/>
2013     </xsd:sequence>
2014 </xsd:complexType>
2015 </xsd:element>
2016 <xsd:complexType name="Reason_Type">
2017     <xsd:annotation>
2018         <xsd:documentation/>
2019     </xsd:annotation>
2020 <xsd:sequence>
2021     <xsd:element name="ReasonCode" type="ecc:ReasonCodeType">
2022         <xsd:annotation>
2023             <xsd:documentation/>
2024         </xsd:annotation>
2025     </xsd:element>
2026     <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">
2027         <xsd:annotation>
2028             <xsd:documentation/>
2029         </xsd:annotation>
2030     </xsd:element>
2031 </xsd:sequence>
2032 </xsd:complexType>
2033 </xsd:schema>

```

2034 5.6.3 RESTRICTED CODELIST

```

2035 <?xml version="1.0" encoding="UTF-8"?>
2036 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
2037 elementFormDefault="qualified" attributeFormDefault="unqualified">
2038     <!-- import the codelists -->
2039     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
2040 codelists.xsd"/>
2041     <!-- include the local message restrictions -->
2042     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-implicitauctionresultdocument-6-0-local-restrictions.xsd"/>
2043     <!-- restricted codelists -->
2044     <xsd:complexType name="DocumentType">
2045         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>

```

ENTSO-E CORRIGENDUM TO ECAN, ACKNOWLEDGEMENT, ESR
AND ESP IMPLEMENTATION GUIDES

VERSION: 1

```

2046     </xsd:complexType>
2047     <xsd:simpleType name="StandardRestrictedDocumentType">
2048         <xsd:restriction base="ecl:StandardDocumentTypeList">
2049             <xsd:enumeration value="A25"/>
2050         </xsd:restriction>
2051     </xsd:simpleType>
2052     <xsd:simpleType name="RestrictedDocumentType">
2053         <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
2054 </xsd:simpleType>
2055 <xsd:complexType name="RoleType">
2056     <xsd:attribute name="v" type="RestrictedRoleType" use="required"/>
2057 </xsd:complexType>
2058 <xsd:simpleType name="StandardRestrictedRoleType">
2059     <xsd:restriction base="ecl:StandardRoleTypeList">
2060         <xsd:enumeration value="A04"/>
2061         <xsd:enumeration value="A07"/>
2062         <xsd:enumeration value="A11"/>
2063         <xsd:enumeration value="A32"/>
2064         <xsd:enumeration value="A33"/>
2065     </xsd:restriction>
2066 </xsd:simpleType>
2067 <xsd:simpleType name="RestrictedRoleType">
2068     <xsd:union memberTypes="StandardRestrictedRoleType LocalRestrictedRoleType"/>
2069 </xsd:simpleType>
2070 <xsd:complexType name="AuctionType">
2071     <xsd:attribute name="v" type="RestrictedAuctionType" use="required"/>
2072 </xsd:complexType>
2073 <xsd:simpleType name="StandardRestrictedAuctionType">
2074     <xsd:restriction base="ecl:StandardAuctionTypeList">
2075         <xsd:enumeration value="A01"/>
2076     </xsd:restriction>
2077 </xsd:simpleType>
2078 <xsd:simpleType name="RestrictedAuctionType">
2079     <xsd:union memberTypes="StandardRestrictedAuctionType LocalRestrictedAuctionType"/>
2080 </xsd:simpleType>
2081 <xsd:complexType name="BusinessType">
2082     <xsd:attribute name="v" type="RestrictedBusinessType" use="required"/>
2083 </xsd:complexType>
2084 <xsd:simpleType name="StandardRestrictedBusinessType">
2085     <xsd:restriction base="ecl:StandardBusinessTypeList">
2086         <xsd:enumeration value="A47"/>
2087         <xsd:enumeration value="A48"/>
2088     </xsd:restriction>
2089 </xsd:simpleType>
2090 <xsd:simpleType name="RestrictedBusinessType">
2091     <xsd:union memberTypes="StandardRestrictedBusinessType LocalRestrictedBusinessType"/>
2092 </xsd:simpleType>
2093 <xsd:complexType name="CurveType">
2094     <xsd:attribute name="v" type="RestrictedCurveType" use="required"/>
2095 </xsd:complexType>
2096 <xsd:simpleType name="StandardRestrictedCurveType">
2097     <xsd:restriction base="ecl:StandardCurveTypeList">
2098         <xsd:enumeration value="A01"/>
2099         <xsd:enumeration value="A03"/>
2100     </xsd:restriction>
2101 </xsd:simpleType>
2102 <xsd:simpleType name="RestrictedCurveType">
2103     <xsd:union memberTypes="StandardRestrictedCurveType LocalRestrictedCurveType"/>
2104 </xsd:simpleType>
2105 </xsd:schema>

```

2106 **5.7 PUBLICATION DOCUMENT**

2107 **5.7.1 RULES GOVERNING THE WINNERS CLASS**

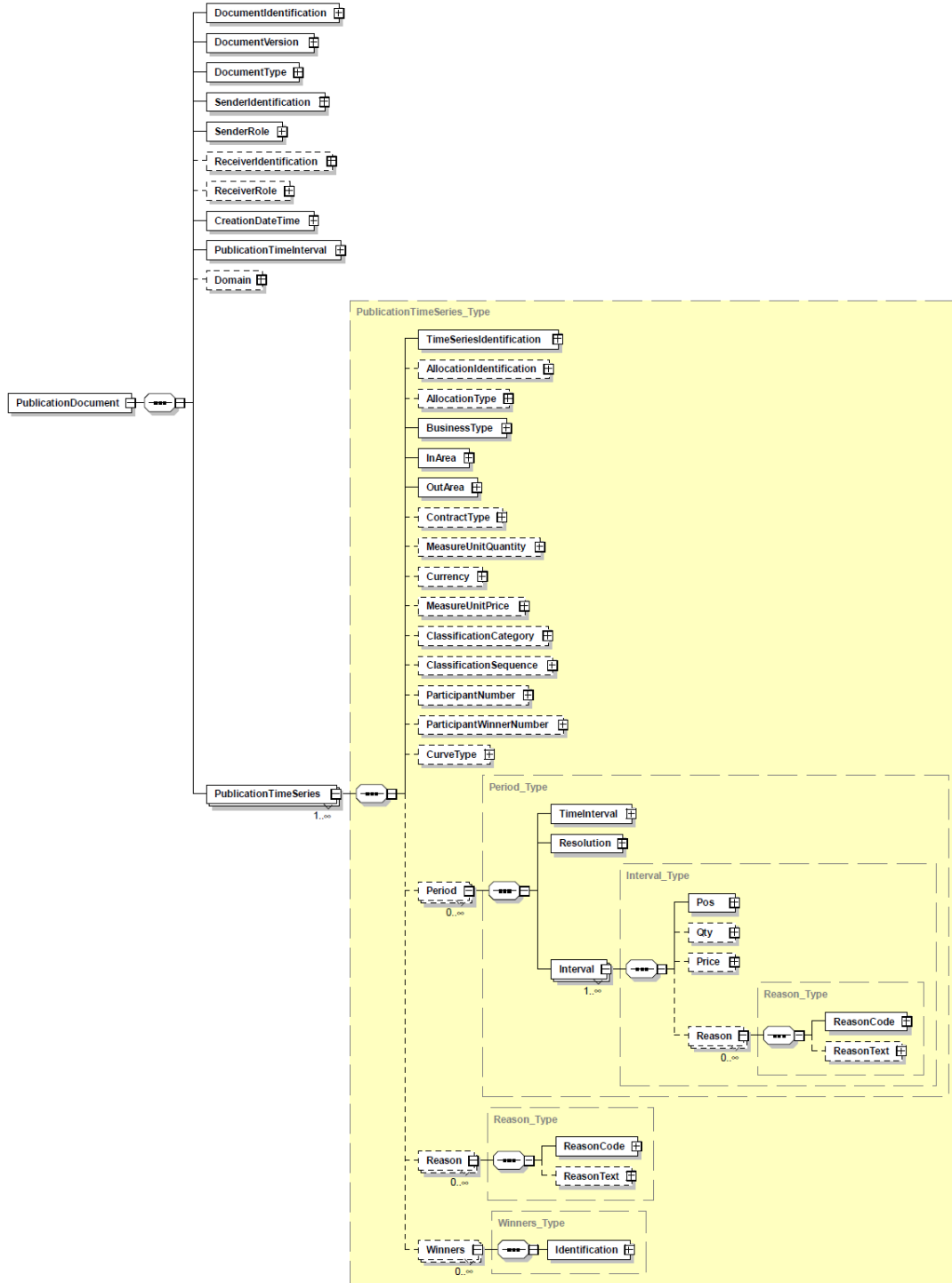
2108 The winners class may be used to provide the identification of all the parties that were
2109 assigned capacity in the auction being described.

2110 **5.7.1.1 IDENTIFICATION**

ACTION	DESCRIPTION
Definition of element	The identification of the party that was allocated capacity in an auction.
Description	An identification that identifies a winning market participant. The codification scheme used for the coded identification is indicated by the coding scheme attribute. Refer to ENTSO-E Core Component Code list document for valid coding scheme codes.
Size	The maximum length of a party identification is 16 alphanumeric characters. The maximum length of the coding scheme code is 3 alphanumeric characters.
Applicability	Both the identification and the coding scheme are mandatory.
Dependence requirements	None.

2111

2112 5.7.2 XML SCHEMA STRUCTURE



2113

2114

FIGURE 7: PUBLICATION DOCUMENT STRUCTURE

2115 5.7.3 XML SCHEMA

2116 <?xml version="1.0" encoding="UTF-8"?>

ENTSO-E CORRIGENDUM TO ECAN, ACKNOWLEDGEMENT, ESR
AND ESP IMPLEMENTATION GUIDES

VERSION: 1

```

2117 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
2118 xmlns="urn:entsoe.eu:wgedi:ecan:publicationdocument:6:0"
2119 targetNamespace="urn:entsoe.eu:wgedi:ecan:publicationdocument:6:0" elementFormDefault="qualified"
2120 attributeFormDefault="unqualified">
2121   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
2122 components.xsd"/>
2123   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-publicationdocument-6-0-restricted-codes.xsd"/>
2124   <!--
2125           ENTSO-E Document Automatically generated from a UML class diagram using XMI.
2126           Generation tool version 2.0
2127   -->
2128   <xsd:complexType name="Interval_Type">
2129     <xsd:annotation>
2130       <xsd:documentation/>
2131     </xsd:annotation>
2132     <xsd:sequence>
2133       <xsd:element name="Pos" type="ecc:PositionType">
2134         <xsd:annotation>
2135           <xsd:documentation/>
2136         </xsd:annotation>
2137       </xsd:element>
2138       <xsd:element name="Qty" type="ecc:QuantityType" minOccurs="0">
2139         <xsd:annotation>
2140           <xsd:documentation/>
2141         </xsd:annotation>
2142       </xsd:element>
2143       <xsd:element name="Price" type="ecc:AmountType" minOccurs="0">
2144         <xsd:annotation>
2145           <xsd:documentation/>
2146         </xsd:annotation>
2147       </xsd:element>
2148       <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
2149     </xsd:sequence>
2150   </xsd:complexType>
2151   <xsd:complexType name="Period_Type">
2152     <xsd:annotation>
2153       <xsd:documentation/>
2154     </xsd:annotation>
2155     <xsd:sequence>
2156       <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
2157         <xsd:annotation>
2158           <xsd:documentation/>
2159         </xsd:annotation>
2160       </xsd:element>
2161       <xsd:element name="Resolution" type="ecc:ResolutionType">
2162         <xsd:annotation>
2163           <xsd:documentation/>
2164         </xsd:annotation>
2165       </xsd:element>
2166       <xsd:element name="Interval" type="Interval_Type" maxOccurs="unbounded"/>
2167     </xsd:sequence>
2168   </xsd:complexType>
2169   <xsd:complexType name="PublicationTimeSeries_Type">
2170     <xsd:annotation>
2171       <xsd:documentation/>
2172     </xsd:annotation>
2173     <xsd:sequence>
2174       <xsd:element name="TimeSeriesIdentification" type="ecc:IdentificationType">
2175         <xsd:annotation>
2176           <xsd:documentation/>
2177         </xsd:annotation>
2178       </xsd:element>
2179       <xsd:element name="AllocationIdentification" type="ecc:IdentificationType" minOccurs="0">
2180         <xsd:annotation>
2181           <xsd:documentation/>
2182         </xsd:annotation>
2183       </xsd:element>
2184       <xsd:element name="AllocationType" type="AuctionType" minOccurs="0">
2185         <xsd:annotation>
2186           <xsd:documentation/>
2187         </xsd:annotation>

```



```

2188         </xsd:element>
2189     <xsd:element name="BusinessType" type="BusinessType">
2190         <xsd:annotation>
2191             <xsd:documentation/>
2192         </xsd:annotation>
2193     </xsd:element>
2194     <xsd:element name="InArea" type="ecc:AreaType">
2195         <xsd:annotation>
2196             <xsd:documentation/>
2197         </xsd:annotation>
2198     </xsd:element>
2199     <xsd:element name="OutArea" type="ecc:AreaType">
2200         <xsd:annotation>
2201             <xsd:documentation/>
2202         </xsd:annotation>
2203     </xsd:element>
2204     <xsd:element name="ContractType" type="ecc:ContractType" minOccurs="0">
2205         <xsd:annotation>
2206             <xsd:documentation/>
2207         </xsd:annotation>
2208     </xsd:element>
2209     <xsd:element name="MeasureUnitQuantity" type="ecc:UnitOfMeasureType" minOccurs="0">
2210         <xsd:annotation>
2211             <xsd:documentation/>
2212         </xsd:annotation>
2213     </xsd:element>
2214     <xsd:element name="Currency" type="ecc:CurrencyType" minOccurs="0">
2215         <xsd:annotation>
2216             <xsd:documentation/>
2217         </xsd:annotation>
2218     </xsd:element>
2219     <xsd:element name="MeasureUnitPrice" type="ecc:UnitOfMeasureType" minOccurs="0">
2220         <xsd:annotation>
2221             <xsd:documentation/>
2222         </xsd:annotation>
2223     </xsd:element>
2224     <xsd:element name="ClassificationCategory" type="CategoryType" minOccurs="0">
2225         <xsd:annotation>
2226             <xsd:documentation/>
2227         </xsd:annotation>
2228     </xsd:element>
2229     <xsd:element name="ClassificationSequence" type="ecc:PositionType" minOccurs="0">
2230         <xsd:annotation>
2231             <xsd:documentation/>
2232         </xsd:annotation>
2233     </xsd:element>
2234     <xsd:element name="ParticipantNumber" type="ecc:QuantityType" minOccurs="0">
2235         <xsd:annotation>
2236             <xsd:documentation/>
2237         </xsd:annotation>
2238     </xsd:element>
2239     <xsd:element name="ParticipantWinnerNumber" type="ecc:QuantityType" minOccurs="0">
2240         <xsd:annotation>
2241             <xsd:documentation/>
2242         </xsd:annotation>
2243     </xsd:element>
2244     <xsd:element name="CurveType" type="CurveType" minOccurs="0">
2245         <xsd:annotation>
2246             <xsd:documentation/>
2247         </xsd:annotation>
2248     </xsd:element>
2249     <xsd:element name="Period" type="Period_Type" minOccurs="0" maxOccurs="unbounded"/>
2250     <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
2251     <xsd:element name="Winners" type="Winners_Type" minOccurs="0" maxOccurs="unbounded"/>
2252 </xsd:sequence>
2253 </xsd:complexType>
2254 <xsd:element name="PublicationDocument">
2255     <xsd:complexType>
2256         <xsd:annotation>
2257             <xsd:documentation/>
2258         </xsd:annotation>

```

```

2259         <xsd:sequence>
2260             <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
2261                 <xsd:annotation>
2262                     <xsd:documentation/>
2263                 </xsd:annotation>
2264             </xsd:element>
2265             <xsd:element name="DocumentVersion" type="ecc:VersionType">
2266                 <xsd:annotation>
2267                     <xsd:documentation/>
2268                 </xsd:annotation>
2269             </xsd:element>
2270             <xsd:element name="DocumentType" type="DocumentType">
2271                 <xsd:annotation>
2272                     <xsd:documentation/>
2273                 </xsd:annotation>
2274             </xsd:element>
2275             <xsd:element name="SenderIdentification" type="ecc:PartyType">
2276                 <xsd:annotation>
2277                     <xsd:documentation/>
2278                 </xsd:annotation>
2279             </xsd:element>
2280             <xsd:element name="SenderRole" type="RoleType">
2281                 <xsd:annotation>
2282                     <xsd:documentation/>
2283                 </xsd:annotation>
2284             </xsd:element>
2285             <xsd:element name="ReceiverIdentification" type="ecc:PartyType" minOccurs="0">
2286                 <xsd:annotation>
2287                     <xsd:documentation/>
2288                 </xsd:annotation>
2289             </xsd:element>
2290             <xsd:element name="ReceiverRole" type="ReceiverRoleType" minOccurs="0">
2291                 <xsd:annotation>
2292                     <xsd:documentation/>
2293                 </xsd:annotation>
2294             </xsd:element>
2295             <xsd:element name="CreationDateTime" type="ecc:DocumentDateTimeType">
2296                 <xsd:annotation>
2297                     <xsd:documentation/>
2298                 </xsd:annotation>
2299             </xsd:element>
2300             <xsd:element name="PublicationTimeInterval" type="ecc:TimeIntervalType">
2301                 <xsd:annotation>
2302                     <xsd:documentation/>
2303                 </xsd:annotation>
2304             </xsd:element>
2305             <xsd:element name="Domain" type="ecc:AreaType" minOccurs="0">
2306                 <xsd:annotation>
2307                     <xsd:documentation/>
2308                 </xsd:annotation>
2309             </xsd:element>
2310             <xsd:element name="PublicationTimeSeries" type="PublicationTimeSeries_Type"
2311 maxOccurs="unbounded"/>
2312         </xsd:sequence>
2313     </xsd:complexType>
2314 </xsd:element>
2315 <xsd:complexType name="Reason_Type">
2316     <xsd:annotation>
2317         <xsd:documentation/>
2318     </xsd:annotation>
2319     <xsd:sequence>
2320         <xsd:element name="ReasonCode" type="ecc:ReasonCodeType">
2321             <xsd:annotation>
2322                 <xsd:documentation/>
2323             </xsd:annotation>
2324         </xsd:element>
2325         <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">
2326             <xsd:annotation>
2327                 <xsd:documentation/>
2328             </xsd:annotation>
2329         </xsd:element>

```

```

2330         </xsd:sequence>
2331     </xsd:complexType>
2332 <xsd:complexType name="Winners_Type">
2333     <xsd:annotation>
2334         <xsd:documentation/>
2335     </xsd:annotation>
2336     <xsd:sequence>
2337         <xsd:element name="Identification" type="ecc:PartyType">
2338             <xsd:annotation>
2339                 <xsd:documentation/>
2340             </xsd:annotation>
2341         </xsd:element>
2342     </xsd:sequence>
2343 </xsd:complexType>
2344 </xsd:schema>

```

2345 5.7.4 RESTRICTED CODELIST

```

2346 <?xml version="1.0" encoding="UTF-8"?>
2347 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
2348     elementFormDefault="qualified" attributeFormDefault="unqualified">
2349     <!-- import the codelists -->
2350     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
2351 codelists.xsd"/>
2352     <!-- include the local message restrictions -->
2353     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-publicationdocument-6-0-local-restrictions.xsd"/>
2354     <!-- restricted codelists -->
2355     <xsd:complexType name="DocumentType">
2356         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
2357     </xsd:complexType>
2358     <xsd:simpleType name="StandardRestrictedDocumentType">
2359         <xsd:restriction base="ecl:StandardDocumentTypeList">
2360             <xsd:enumeration value="A25"/>
2361             <xsd:enumeration value="A31"/>
2362             <xsd:enumeration value="A44"/>
2363         </xsd:restriction>
2364     </xsd:simpleType>
2365     <xsd:simpleType name="RestrictedDocumentType">
2366         <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
2367     </xsd:simpleType>
2368     <xsd:complexType name="RoleType">
2369         <xsd:attribute name="v" type="RestrictedRoleType" use="required"/>
2370     </xsd:complexType>
2371     <xsd:simpleType name="StandardRestrictedRoleType">
2372         <xsd:restriction base="ecl:StandardRoleTypeList">
2373             <xsd:enumeration value="A04"/>
2374             <xsd:enumeration value="A07"/>
2375             <xsd:enumeration value="A32"/>
2376         </xsd:restriction>
2377     </xsd:simpleType>
2378     <xsd:simpleType name="RestrictedRoleType">
2379         <xsd:union memberTypes="StandardRestrictedRoleType LocalRestrictedRoleType"/>
2380     </xsd:simpleType>
2381     <xsd:complexType name="ReceiverRoleType">
2382         <xsd:attribute name="v" type="RestrictedReceiverRoleType" use="required"/>
2383     </xsd:complexType>
2384     <xsd:simpleType name="StandardRestrictedReceiverRoleType">
2385         <xsd:restriction base="ecl:StandardRoleTypeList">
2386             <xsd:enumeration value="A32"/>
2387             <xsd:enumeration value="A33"/>
2388         </xsd:restriction>
2389     </xsd:simpleType>
2390     <xsd:simpleType name="RestrictedReceiverRoleType">
2391         <xsd:union memberTypes="StandardRestrictedReceiverRoleType LocalRestrictedReceiverRoleType"/>
2392     </xsd:simpleType>
2393     <xsd:complexType name="AuctionType">
2394         <xsd:attribute name="v" type="RestrictedAuctionType" use="required"/>
2395     </xsd:complexType>
2396     <xsd:simpleType name="StandardRestrictedAuctionType">
2397         <xsd:restriction base="ecl:StandardAuctionTypeList">

```

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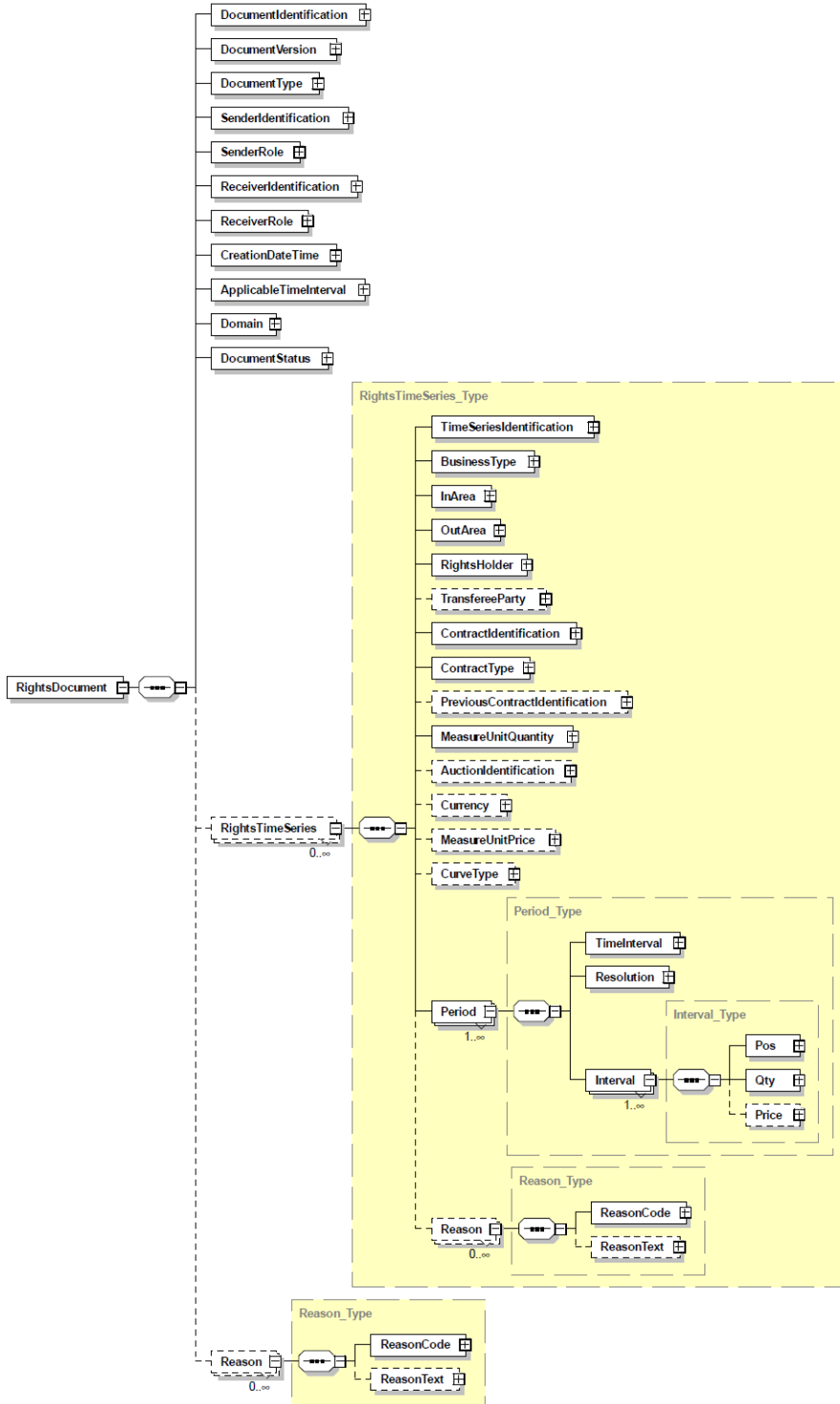
```

2398         <xsd:enumeration value="A01"/>
2399         <xsd:enumeration value="A02"/>
2400         <xsd:enumeration value="A03"/>
2401         <xsd:enumeration value="A04"/>
2402         <xsd:enumeration value="A05"/>
2403     </xsd:restriction>
2404 </xsd:simpleType>
2405 <xsd:simpleType name="RestrictedAuctionType">
2406     <xsd:union memberTypes="StandardRestrictedAuctionType LocalRestrictedAuctionType"/>
2407 </xsd:simpleType>
2408 <xsd:complexType name="BusinessType">
2409     <xsd:attribute name="v" type="RestrictedBusinessType" use="required"/>
2410 </xsd:complexType>
2411 <xsd:simpleType name="StandardRestrictedBusinessType">
2412     <xsd:restriction base="ecl:StandardBusinessTypeList">
2413         <xsd:enumeration value="A26"/>
2414         <xsd:enumeration value="A27"/>
2415         <xsd:enumeration value="A31"/>
2416         <xsd:enumeration value="A42"/>
2417         <xsd:enumeration value="A43"/>
2418         <xsd:enumeration value="A47"/>
2419         <xsd:enumeration value="A48"/>
2420         <xsd:enumeration value="A57"/>
2421         <xsd:enumeration value="A62"/>
2422     </xsd:restriction>
2423 </xsd:simpleType>
2424 <xsd:simpleType name="RestrictedBusinessType">
2425     <xsd:union memberTypes="StandardRestrictedBusinessType LocalRestrictedBusinessType"/>
2426 </xsd:simpleType>
2427 <xsd:complexType name="CategoryType">
2428     <xsd:attribute name="v" type="RestrictedCategoryType" use="required"/>
2429 </xsd:complexType>
2430 <xsd:simpleType name="StandardRestrictedCategoryType">
2431     <xsd:restriction base="ecl:StandardCategoryTypeList">
2432         <xsd:enumeration value="A01"/>
2433         <xsd:enumeration value="A02"/>
2434         <xsd:enumeration value="A03"/>
2435     </xsd:restriction>
2436 </xsd:simpleType>
2437 <xsd:simpleType name="RestrictedCategoryType">
2438     <xsd:union memberTypes="StandardRestrictedCategoryType LocalRestrictedCategoryType"/>
2439 </xsd:simpleType>
2440 <xsd:complexType name="CurveType">
2441     <xsd:attribute name="v" type="RestrictedCurveType" use="required"/>
2442 </xsd:complexType>
2443 <xsd:simpleType name="StandardRestrictedCurveType">
2444     <xsd:restriction base="ecl:StandardCurveTypeList">
2445         <xsd:enumeration value="A01"/>
2446         <xsd:enumeration value="A03"/>
2447     </xsd:restriction>
2448 </xsd:simpleType>
2449 <xsd:simpleType name="RestrictedCurveType">
2450     <xsd:union memberTypes="StandardRestrictedCurveType LocalRestrictedCurveType"/>
2451 </xsd:simpleType>
2452 </xsd:schema>

```

2453 **5.8 RIGHTS DOCUMENT**

2454 **5.8.1 XML SCHEMA STRUCTURE**



2455

2456

FIGURE 8: RIGHTS DOCUMENT STRUCTURE

2457

5.8.2 XML SCHEMA

```
2458 <?xml version="1.0" encoding="UTF-8"?>
2459 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
2460 xmlns="urn:entsoe.eu:wgedi:ecan:rightsdocument:6:0" targetNamespace="urn:entsoe.eu:wgedi:ecan:rightsdocument:6:0"
2461 elementFormDefault="qualified" attributeFormDefault="unqualified">
2462   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
2463 components.xsd"/>
2464   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-rightsdocument-6-0-restricted-codes.xsd"/>
2465   <!--
2466           ENTSO-E Document Automatically generated from a UML class diagram using XML.
2467           Generation tool version 2.0
2468   -->
2469   <xsd:complexType name="Interval_Type">
2470     <xsd:annotation>
2471       <xsd:documentation/>
2472     </xsd:annotation>
2473     <xsd:sequence>
2474       <xsd:element name="Pos" type="ecc:PositionType">
2475         <xsd:annotation>
2476           <xsd:documentation/>
2477         </xsd:annotation>
2478       </xsd:element>
2479       <xsd:element name="Qty" type="ecc:QuantityType">
2480         <xsd:annotation>
2481           <xsd:documentation/>
2482         </xsd:annotation>
2483       </xsd:element>
2484       <xsd:element name="Price" type="ecc:AmountType" minOccurs="0">
2485         <xsd:annotation>
2486           <xsd:documentation/>
2487         </xsd:annotation>
2488       </xsd:element>
2489     </xsd:sequence>
2490   </xsd:complexType>
2491   <xsd:complexType name="Period_Type">
2492     <xsd:annotation>
2493       <xsd:documentation/>
2494     </xsd:annotation>
2495     <xsd:sequence>
2496       <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
2497         <xsd:annotation>
2498           <xsd:documentation/>
2499         </xsd:annotation>
2500       </xsd:element>
2501       <xsd:element name="Resolution" type="ecc:ResolutionType">
2502         <xsd:annotation>
2503           <xsd:documentation/>
2504         </xsd:annotation>
2505       </xsd:element>
2506       <xsd:element name="Interval" type="Interval_Type" minOccurs="0" maxOccurs="unbounded"/>
2507     </xsd:sequence>
2508   </xsd:complexType>
2509   <xsd:complexType name="RightsTimeSeries_Type">
2510     <xsd:annotation>
2511       <xsd:documentation/>
2512     </xsd:annotation>
2513     <xsd:sequence>
2514       <xsd:element name="TimeSeriesIdentification" type="ecc:IdentificationType">
2515         <xsd:annotation>
2516           <xsd:documentation/>
2517         </xsd:annotation>
2518       </xsd:element>
2519       <xsd:element name="BusinessType" type="BusinessType">
2520         <xsd:annotation>
2521           <xsd:documentation/>
2522         </xsd:annotation>
2523       </xsd:element>
2524       <xsd:element name="InArea" type="ecc:AreaType">
2525         <xsd:annotation>
```

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```

2526         <xsd:documentation/>
2527     </xsd:annotation>
2528 </xsd:element>
2529 <xsd:element name="OutArea" type="ecc:AreaType">
2530     <xsd:annotation>
2531         <xsd:documentation/>
2532     </xsd:annotation>
2533 </xsd:element>
2534 <xsd:element name="RightsHolder" type="ecc:PartyType">
2535     <xsd:annotation>
2536         <xsd:documentation/>
2537     </xsd:annotation>
2538 </xsd:element>
2539 <xsd:element name="TransfereeParty" type="ecc:PartyType" minOccurs="0">
2540     <xsd:annotation>
2541         <xsd:documentation/>
2542     </xsd:annotation>
2543 </xsd:element>
2544 <xsd:element name="ContractIdentification" type="ecc:IdentificationType">
2545     <xsd:annotation>
2546         <xsd:documentation/>
2547     </xsd:annotation>
2548 </xsd:element>
2549 <xsd:element name="ContractType" type="ecc:ContractType">
2550     <xsd:annotation>
2551         <xsd:documentation/>
2552     </xsd:annotation>
2553 </xsd:element>
2554 <xsd:element name="PreviousContractIdentification" type="ecc:IdentificationType"
2555 minOccurs="0">
2556     <xsd:annotation>
2557         <xsd:documentation/>
2558     </xsd:annotation>
2559 </xsd:element>
2560 <xsd:element name="MeasureUnitQuantity" type="ecc:UnitOfMeasureType">
2561     <xsd:annotation>
2562         <xsd:documentation/>
2563     </xsd:annotation>
2564 </xsd:element>
2565 <xsd:element name="AuctionIdentification" type="ecc:IdentificationType" minOccurs="0">
2566     <xsd:annotation>
2567         <xsd:documentation/>
2568     </xsd:annotation>
2569 </xsd:element>
2570 <xsd:element name="Currency" type="ecc:CurrencyType" minOccurs="0">
2571     <xsd:annotation>
2572         <xsd:documentation/>
2573     </xsd:annotation>
2574 </xsd:element>
2575 <xsd:element name="MeasureUnitPrice" type="ecc:UnitOfMeasureType" minOccurs="0">
2576     <xsd:annotation>
2577         <xsd:documentation/>
2578     </xsd:annotation>
2579 </xsd:element>
2580 <xsd:element name="CurveType" type="CurveType" minOccurs="0">
2581     <xsd:annotation>
2582         <xsd:documentation/>
2583     </xsd:annotation>
2584 </xsd:element>
2585 <xsd:element name="Period" type="Period_Type" maxOccurs="unbounded"/>
2586 <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
2587 </xsd:sequence>
2588 </xsd:complexType>
2589 <xsd:element name="RightsDocument">
2590     <xsd:complexType>
2591         <xsd:annotation>
2592             <xsd:documentation/>
2593         </xsd:annotation>
2594     <xsd:sequence>
2595         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
2596             <xsd:annotation>

```

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```

2597         <xsd:documentation/>
2598     </xsd:annotation>
2599 </xsd:element>
2600 <xsd:element name="DocumentVersion" type="ecc:VersionType">
2601     <xsd:annotation>
2602         <xsd:documentation/>
2603     </xsd:annotation>
2604 </xsd:element>
2605 <xsd:element name="DocumentType" type="DocumentType">
2606     <xsd:annotation>
2607         <xsd:documentation/>
2608     </xsd:annotation>
2609 </xsd:element>
2610 <xsd:element name="SenderIdentification" type="ecc:PartyType">
2611     <xsd:annotation>
2612         <xsd:documentation/>
2613     </xsd:annotation>
2614 </xsd:element>
2615 <xsd:element name="SenderRole" type="ecc:RoleType">
2616     <xsd:annotation>
2617         <xsd:documentation/>
2618     </xsd:annotation>
2619 </xsd:element>
2620 <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
2621     <xsd:annotation>
2622         <xsd:documentation/>
2623     </xsd:annotation>
2624 </xsd:element>
2625 <xsd:element name="ReceiverRole" type="ecc:RoleType">
2626     <xsd:annotation>
2627         <xsd:documentation/>
2628     </xsd:annotation>
2629 </xsd:element>
2630 <xsd:element name="CreationDateTime" type="ecc:DocumentDateTimeType">
2631     <xsd:annotation>
2632         <xsd:documentation/>
2633     </xsd:annotation>
2634 </xsd:element>
2635 <xsd:element name="ApplicableTimeInterval" type="ecc:TimeIntervalType">
2636     <xsd:annotation>
2637         <xsd:documentation/>
2638     </xsd:annotation>
2639 </xsd:element>
2640 <xsd:element name="Domain" type="ecc:AreaType">
2641     <xsd:annotation>
2642         <xsd:documentation/>
2643     </xsd:annotation>
2644 </xsd:element>
2645 <xsd:element name="DocumentStatus" type="ecc:StatusType">
2646     <xsd:annotation>
2647         <xsd:documentation/>
2648     </xsd:annotation>
2649 </xsd:element>
2650 <xsd:element name="RightsTimeSeries" type="RightsTimeSeries_Type"
2651 minOccurs="0" maxOccurs="unbounded"/>
2652     <xsd:element name="Reason" type="Reason_Type" minOccurs="0"
2653 maxOccurs="unbounded"/>
2654         </xsd:sequence>
2655     </xsd:complexType>
2656 </xsd:element>
2657 <xsd:complexType name="Reason_Type">
2658     <xsd:annotation>
2659         <xsd:documentation/>
2660     </xsd:annotation>
2661     <xsd:sequence>
2662         <xsd:element name="ReasonCode" type="ReasonCodeType">
2663             <xsd:annotation>
2664                 <xsd:documentation/>
2665             </xsd:annotation>
2666         </xsd:element>
2667         <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">

```



```

2668                                     <xsd:annotation>
2669                                     <xsd:documentation/>
2670                                     </xsd:annotation>
2671                                 </xsd:element>
2672         </xsd:sequence>
2673     </xsd:complexType>
2674 </xsd:schema>

```

2675 5.8.3 RESTRICTED CODELIST

```

2676 <?xml version="1.0" encoding="UTF-8"?>
2677 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
2678 elementFormDefault="qualified" attributeFormDefault="unqualified">
2679     <!-- import the codelists -->
2680     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
2681 codelists.xsd"/>
2682     <!-- include the local message restrictions -->
2683     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-ecan-rightsdocument-6-0-local-restrictions.xsd"/>
2684     <!-- restricted codelists -->
2685     <xsd:complexType name="DocumentType">
2686         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
2687     </xsd:complexType>
2688     <xsd:simpleType name="StandardRestrictedDocumentType">
2689         <xsd:restriction base="ecl:StandardDocumentTypeList">
2690             <xsd:enumeration value="A19"/>
2691             <xsd:enumeration value="A20"/>
2692             <xsd:enumeration value="A21"/>
2693             <xsd:enumeration value="A22"/>
2694             <xsd:enumeration value="A23"/>
2695             <xsd:enumeration value="A62"/>
2696         </xsd:restriction>
2697     </xsd:simpleType>
2698     <xsd:simpleType name="RestrictedDocumentType">
2699         <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
2700     </xsd:simpleType>
2701     <xsd:complexType name="BusinessType">
2702         <xsd:attribute name="v" type="RestrictedBusinessType" use="required"/>
2703     </xsd:complexType>
2704     <xsd:simpleType name="StandardRestrictedBusinessType">
2705         <xsd:restriction base="ecl:StandardBusinessTypeList">
2706             <xsd:enumeration value="A32"/>
2707             <xsd:enumeration value="A33"/>
2708             <xsd:enumeration value="A34"/>
2709             <xsd:enumeration value="A35"/>
2710             <xsd:enumeration value="A36"/>
2711             <xsd:enumeration value="A40"/>
2712             <xsd:enumeration value="A41"/>
2713             <xsd:enumeration value="A55"/>
2714             <xsd:enumeration value="A56"/>
2715             <xsd:enumeration value="A58"/>
2716             <xsd:enumeration value="A59"/>
2717             <xsd:enumeration value="A83"/>
2718             <xsd:enumeration value="A84"/>
2719         </xsd:restriction>
2720     </xsd:simpleType>
2721     <xsd:simpleType name="RestrictedBusinessType">
2722         <xsd:union memberTypes="StandardRestrictedBusinessType LocalRestrictedBusinessType"/>
2723     </xsd:simpleType>
2724     <xsd:complexType name="CurveType">
2725         <xsd:attribute name="v" type="RestrictedCurveType" use="required"/>
2726     </xsd:complexType>
2727     <xsd:simpleType name="StandardRestrictedCurveType">
2728         <xsd:restriction base="ecl:StandardCurveTypeList">
2729             <xsd:enumeration value="A01"/>
2730             <xsd:enumeration value="A03"/>
2731         </xsd:restriction>
2732     </xsd:simpleType>
2733     <xsd:simpleType name="RestrictedCurveType">
2734         <xsd:union memberTypes="StandardRestrictedCurveType LocalRestrictedCurveType"/>
2735     </xsd:simpleType>

```

ENTSO-E CORRIGENDUM TO ECAN, ACKNOWLEDGEMENT, ESR
AND ESP IMPLEMENTATION GUIDES

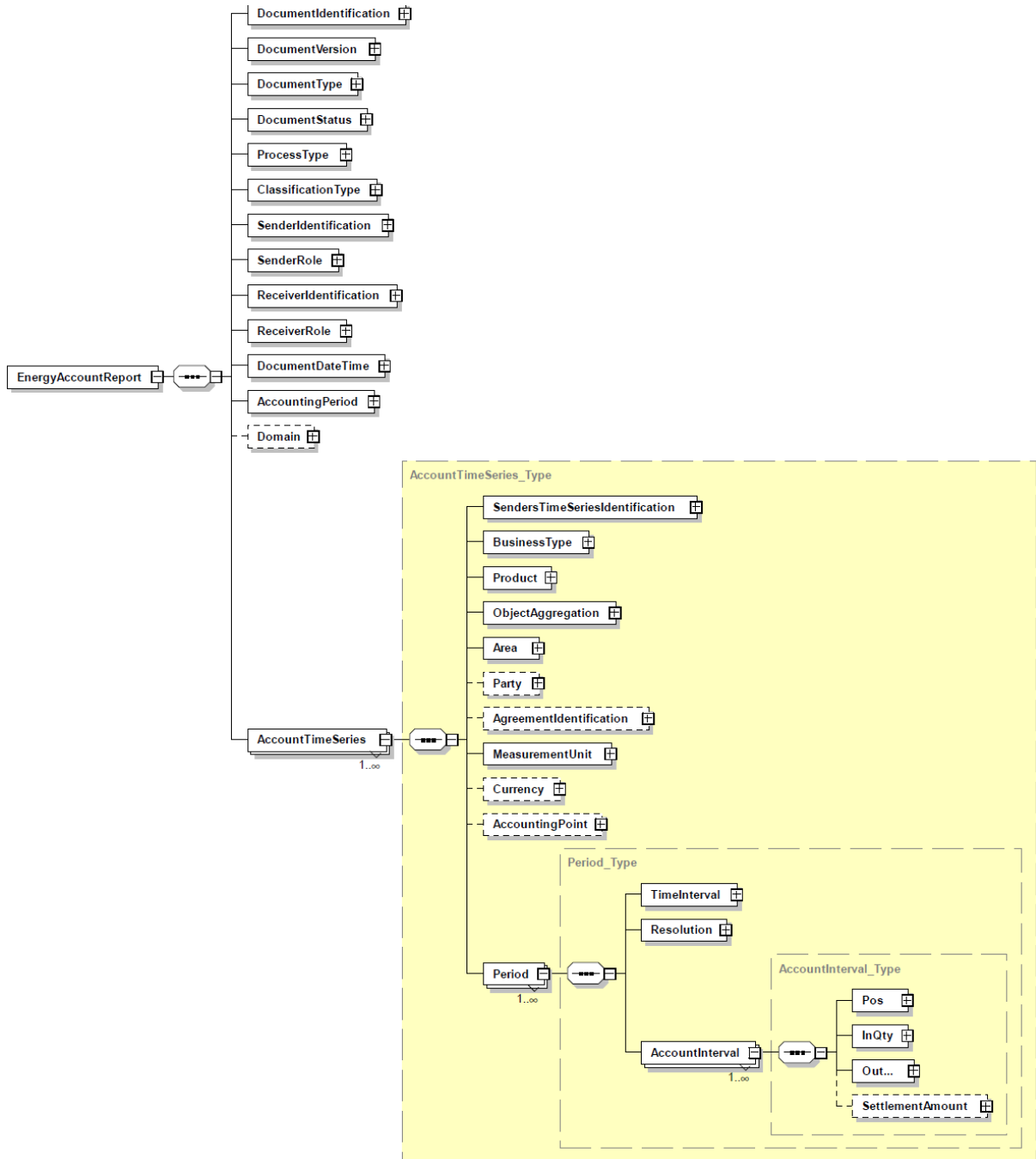
VERSION: 1

```
2736     <xsd:complexType name="ReasonCodeType">
2737         <xsd:attribute name="v" type="RestrictedReasonCodeType" use="required"/>
2738     </xsd:complexType>
2739     <xsd:simpleType name="StandardRestrictedReasonCodeType">
2740         <xsd:restriction base="ecl:StandardReasonCodeTypeList">
2741             <xsd:enumeration value="A75"/>
2742             <xsd:enumeration value="A97"/>
2743             <xsd:enumeration value="A98"/>
2744         </xsd:restriction>
2745     </xsd:simpleType>
2746     <xsd:simpleType name="RestrictedReasonCodeType">
2747         <xsd:union memberTypes="StandardRestrictedReasonCodeType LocalRestrictedReasonCodeType"/>
2748     </xsd:simpleType>
2749 </xsd:schema>
```

2750 **6 ESP**

2751 **6.1 ENERGY ACCOUNT REPORT**

2752 **6.1.1 XML SCHEMA STRUCTURE**



2753

2754

FIGURE 9: ENERGY ACCOUNT REPORT DOCUMENT STRUCTURE

2755

6.1.2 XML SCHEMA

```
2756 <?xml version="1.0" encoding="UTF-8"?>
2757 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
2758 xmlns="urn:entsoe.eu:wgedi:esp:energyaccountreport:2:0"
2759 targetNamespace="urn:entsoe.eu:wgedi:esp:energyaccountreport:2:0" elementFormDefault="qualified"
2760 attributeFormDefault="unqualified">
2761   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
components.xsd"/>
2762   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-esp-energyaccountreport-2-0-restricted-codes.xsd"/>
2763   <!--
2764   ENTSO-E Document Automatically generated from a UML class diagram using XML.
2765   Generation tool version 2.0
2766   -->
2767   <xsd:element name="EnergyAccountReport">
2768     <xsd:complexType>
2769       <xsd:annotation>
2770         <xsd:documentation/>
2771       </xsd:annotation>
2772       <xsd:sequence>
2773         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
2774           <xsd:annotation>
2775             <xsd:documentation/>
2776           </xsd:annotation>
2777         </xsd:element>
2778         <xsd:element name="DocumentVersion" type="ecc:VersionType">
2779           <xsd:annotation>
2780             <xsd:documentation/>
2781           </xsd:annotation>
2782         </xsd:element>
2783         <xsd:element name="DocumentType" type="DocumentType">
2784           <xsd:annotation>
2785             <xsd:documentation/>
2786           </xsd:annotation>
2787         </xsd:element>
2788         <xsd:element name="DocumentStatus" type="StatusType">
2789           <xsd:annotation>
2790             <xsd:documentation/>
2791           </xsd:annotation>
2792         </xsd:element>
2793         <xsd:element name="ProcessType" type="ProcessType">
2794           <xsd:annotation>
2795             <xsd:documentation/>
2796           </xsd:annotation>
2797         </xsd:element>
2798         <xsd:element name="ClassificationType" type="ClassificationType">
2799           <xsd:annotation>
2800             <xsd:documentation/>
2801           </xsd:annotation>
2802         </xsd:element>
2803         <xsd:element name="SenderIdentification" type="ecc:PartyType">
2804           <xsd:annotation>
2805             <xsd:documentation/>
2806           </xsd:annotation>
2807         </xsd:element>
2808         <xsd:element name="SenderRole" type="ecc:RoleType">
2809           <xsd:annotation>
2810             <xsd:documentation/>
2811           </xsd:annotation>
2812         </xsd:element>
2813         <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
2814           <xsd:annotation>
2815             <xsd:documentation/>
2816           </xsd:annotation>
2817         </xsd:element>
2818         <xsd:element name="ReceiverRole" type="ecc:RoleType">
2819           <xsd:annotation>
2820             <xsd:documentation/>
2821           </xsd:annotation>
2822         </xsd:element>
2823       </xsd:sequence>
2824     </xsd:complexType>
2825   </xsd:element>
```

```
2824         <xsd:element name="DocumentDateTime" type="ecc:DocumentDateTimeType">
2825             <xsd:annotation>
2826                 <xsd:documentation/>
2827             </xsd:annotation>
2828         </xsd:element>
2829         <xsd:element name="AccountingPeriod" type="ecc:TimeIntervalType">
2830             <xsd:annotation>
2831                 <xsd:documentation/>
2832             </xsd:annotation>
2833         </xsd:element>
2834         <xsd:element name="Domain" type="ecc:AreaType" minOccurs="0">
2835             <xsd:annotation>
2836                 <xsd:documentation/>
2837             </xsd:annotation>
2838         </xsd:element>
2839         <xsd:element name="AccountTimeSeries" type="AccountTimeSeries_Type"
2840 maxOccurs="unbounded"/>
2841     </xsd:sequence>
2842 </xsd:complexType>
2843 </xsd:element>
2844 <xsd:complexType name="AccountTimeSeries_Type">
2845     <xsd:annotation>
2846         <xsd:documentation/>
2847     </xsd:annotation>
2848     <xsd:sequence>
2849         <xsd:element name="SendersTimeSeriesIdentification" type="ecc:IdentificationType">
2850             <xsd:annotation>
2851                 <xsd:documentation/>
2852             </xsd:annotation>
2853         </xsd:element>
2854         <xsd:element name="BusinessType" type="BusinessType">
2855             <xsd:annotation>
2856                 <xsd:documentation/>
2857             </xsd:annotation>
2858         </xsd:element>
2859         <xsd:element name="Product" type="ecc:EnergyProductType">
2860             <xsd:annotation>
2861                 <xsd:documentation/>
2862             </xsd:annotation>
2863         </xsd:element>
2864         <xsd:element name="ObjectAggregation" type="ObjectAggregationType">
2865             <xsd:annotation>
2866                 <xsd:documentation/>
2867             </xsd:annotation>
2868         </xsd:element>
2869         <xsd:element name="Area" type="ecc:AreaType">
2870             <xsd:annotation>
2871                 <xsd:documentation/>
2872             </xsd:annotation>
2873         </xsd:element>
2874         <xsd:element name="Party" type="ecc:PartyType" minOccurs="0">
2875             <xsd:annotation>
2876                 <xsd:documentation/>
2877             </xsd:annotation>
2878         </xsd:element>
2879         <xsd:element name="AgreementIdentification" type="ecc:IdentificationType" minOccurs="0">
2880             <xsd:annotation>
2881                 <xsd:documentation/>
2882             </xsd:annotation>
2883         </xsd:element>
2884         <xsd:element name="MeasurementUnit" type="ecc:UnitOfMeasureType">
2885             <xsd:annotation>
2886                 <xsd:documentation/>
2887             </xsd:annotation>
2888         </xsd:element>
2889         <xsd:element name="Currency" type="ecc:CurrencyType" minOccurs="0">
2890             <xsd:annotation>
2891                 <xsd:documentation/>
2892             </xsd:annotation>
2893         </xsd:element>
2894         <xsd:element name="AccountingPoint" type="ecc:MeteringPointType" minOccurs="0">
```

```

2895         <xsd:annotation>
2896             <xsd:documentation/>
2897         </xsd:annotation>
2898     </xsd:element>
2899     <xsd:element name="Period" type="Period_Type" maxOccurs="unbounded"/>
2900 </xsd:sequence>
2901 </xsd:complexType>
2902 <xsd:complexType name="Period_Type">
2903     <xsd:annotation>
2904         <xsd:documentation/>
2905     </xsd:annotation>
2906     <xsd:sequence>
2907         <xsd:element name="TimeInterval" type="ecc:TimeIntervalType">
2908             <xsd:annotation>
2909                 <xsd:documentation/>
2910             </xsd:annotation>
2911         </xsd:element>
2912         <xsd:element name="Resolution" type="ecc:ResolutionType">
2913             <xsd:annotation>
2914                 <xsd:documentation/>
2915             </xsd:annotation>
2916         </xsd:element>
2917         <xsd:element name="AccountInterval" type="AccountInterval_Type" maxOccurs="unbounded"/>
2918     </xsd:sequence>
2919 </xsd:complexType>
2920 <xsd:complexType name="AccountInterval_Type">
2921     <xsd:annotation>
2922         <xsd:documentation/>
2923     </xsd:annotation>
2924     <xsd:sequence>
2925         <xsd:element name="Pos" type="ecc:PositionType">
2926             <xsd:annotation>
2927                 <xsd:documentation/>
2928             </xsd:annotation>
2929         </xsd:element>
2930         <xsd:element name="InQty" type="ecc:QuantityType">
2931             <xsd:annotation>
2932                 <xsd:documentation/>
2933             </xsd:annotation>
2934         </xsd:element>
2935         <xsd:element name="OutQty" type="ecc:QuantityType">
2936             <xsd:annotation>
2937                 <xsd:documentation/>
2938             </xsd:annotation>
2939         </xsd:element>
2940         <xsd:element name="SettlementAmount" type="ecc:AmountType" minOccurs="0">
2941             <xsd:annotation>
2942                 <xsd:documentation/>
2943             </xsd:annotation>
2944         </xsd:element>
2945     </xsd:sequence>
2946 </xsd:complexType>
2947 </xsd:schema>

```

2948 6.1.3 RESTRICTED CODELIST

```

2949 <?xml version="1.0" encoding="UTF-8"?>
2950 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
2951     elementFormDefault="qualified" attributeFormDefault="unqualified">
2952     <!-- import the codelists -->
2953     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
2954 codelists.xsd"/>
2955     <!-- include the local message restrictions -->
2956     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-esp-energyaccountreport-2-0-local-restrictions.xsd"/>
2957     <!-- restricted codelists -->
2958     <xsd:complexType name="DocumentType">
2959         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
2960     </xsd:complexType>
2961     <xsd:simpleType name="StandardRestrictedDocumentType">
2962         <xsd:restriction base="ecl:StandardDocumentTypeList">

```

ENTSO-E CORRIGENDUM TO ECAN, ACKNOWLEDGEMENT, ESR
AND ESP IMPLEMENTATION GUIDES

VERSION: 1

```

2963         <xsd:enumeration value="A09"/>
2964         <xsd:enumeration value="A10"/>
2965         <xsd:enumeration value="A11"/>
2966         <xsd:enumeration value="A12"/>
2967     </xsd:restriction>
2968 </xsd:simpleType>
2969 <xsd:simpleType name="RestrictedDocumentType">
2970     <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
2971 </xsd:simpleType>
2972 <xsd:complexType name="StatusType">
2973     <xsd:attribute name="v" type="RestrictedStatusType" use="required"/>
2974 </xsd:complexType>
2975 <xsd:simpleType name="StandardRestrictedStatusType">
2976     <xsd:restriction base="ecl:StandardStatusTypeList">
2977         <xsd:enumeration value="A01"/>
2978         <xsd:enumeration value="A02"/>
2979     </xsd:restriction>
2980 </xsd:simpleType>
2981 <xsd:simpleType name="RestrictedStatusType">
2982     <xsd:union memberTypes="StandardRestrictedStatusType LocalRestrictedStatusType"/>
2983 </xsd:simpleType>
2984 <xsd:complexType name="ProcessType">
2985     <xsd:attribute name="v" type="RestrictedProcessType" use="required"/>
2986 </xsd:complexType>
2987 <xsd:simpleType name="StandardRestrictedProcessType">
2988     <xsd:restriction base="ecl:StandardProcessTypeList">
2989         <xsd:enumeration value="A04"/>
2990         <xsd:enumeration value="A05"/>
2991         <xsd:enumeration value="A06"/>
2992     </xsd:restriction>
2993 </xsd:simpleType>
2994 <xsd:simpleType name="RestrictedProcessType">
2995     <xsd:union memberTypes="StandardRestrictedProcessType LocalRestrictedProcessType"/>
2996 </xsd:simpleType>
2997 <xsd:complexType name="ClassificationType">
2998     <xsd:attribute name="v" type="RestrictedClassificationType" use="required"/>
2999 </xsd:complexType>
3000 <xsd:simpleType name="StandardRestrictedClassificationType">
3001     <xsd:restriction base="ecl:StandardClassificationTypeList">
3002         <xsd:enumeration value="A01"/>
3003         <xsd:enumeration value="A02"/>
3004     </xsd:restriction>
3005 </xsd:simpleType>
3006 <xsd:simpleType name="RestrictedClassificationType">
3007     <xsd:union memberTypes="StandardRestrictedClassificationType LocalRestrictedClassificationType"/>
3008 </xsd:simpleType>
3009 <xsd:complexType name="BusinessType">
3010     <xsd:attribute name="v" type="RestrictedBusinessType" use="required"/>
3011 </xsd:complexType>
3012 <xsd:simpleType name="StandardRestrictedBusinessType">
3013     <xsd:restriction base="ecl:StandardBusinessTypeList">
3014         <xsd:enumeration value="A02"/>
3015         <xsd:enumeration value="A03"/>
3016         <xsd:enumeration value="A09"/>
3017         <xsd:enumeration value="A10"/>
3018         <xsd:enumeration value="A11"/>
3019         <xsd:enumeration value="A12"/>
3020         <xsd:enumeration value="A13"/>
3021         <xsd:enumeration value="A14"/>
3022         <xsd:enumeration value="A15"/>
3023         <xsd:enumeration value="A16"/>
3024         <xsd:enumeration value="A17"/>
3025         <xsd:enumeration value="A18"/>
3026         <xsd:enumeration value="A19"/>
3027         <xsd:enumeration value="A20"/>
3028         <xsd:enumeration value="A21"/>
3029         <xsd:enumeration value="A22"/>
3030         <xsd:enumeration value="A23"/>
3031         <xsd:enumeration value="A24"/>
3032     </xsd:restriction>
3033 </xsd:simpleType>

```

ENTSO-E CORRIGENDUM TO ECAN, ACKNOWLEDGEMENT, ESR
AND ESP IMPLEMENTATION GUIDES

VERSION: 1

```

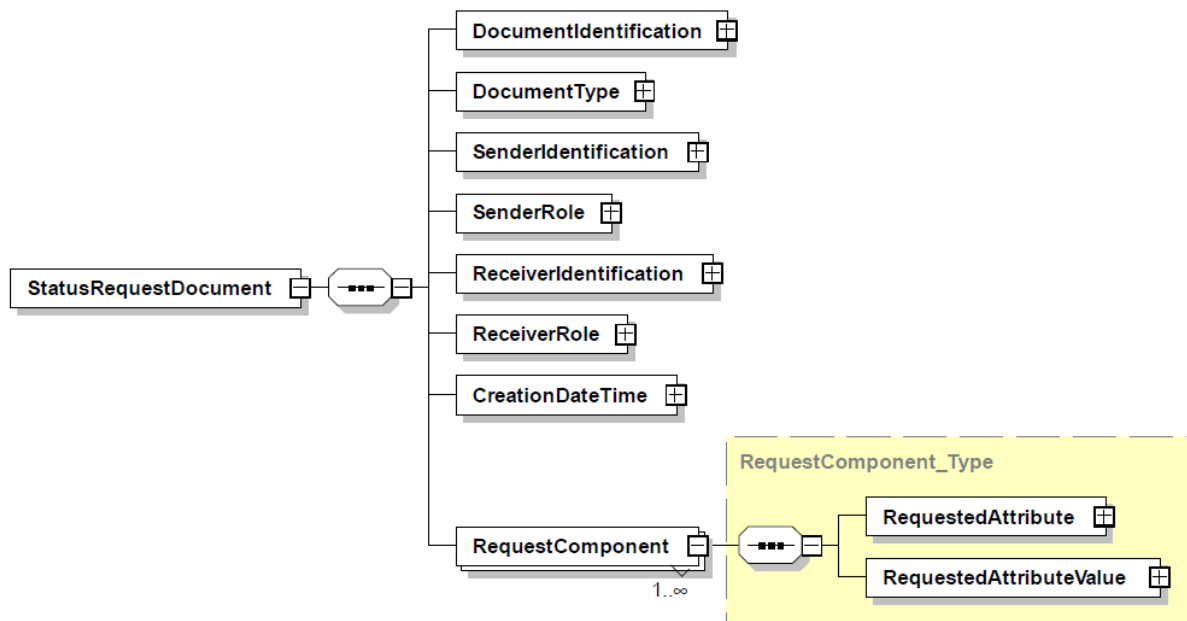
3034     <xsd:simpleType name="RestrictedBusinessType">
3035         <xsd:union memberTypes="StandardRestrictedBusinessType LocalRestrictedBusinessType"/>
3036     </xsd:simpleType>
3037     <xsd:complexType name="ObjectAggregationType">
3038         <xsd:attribute name="v" type="RestrictedObjectAggregationType" use="required"/>
3039     </xsd:complexType>
3040     <xsd:simpleType name="StandardRestrictedObjectAggregationType">
3041         <xsd:restriction base="ecl:StandardObjectAggregationTypeList">
3042             <xsd:enumeration value="A01"/>
3043             <xsd:enumeration value="A03"/>
3044         </xsd:restriction>
3045     </xsd:simpleType>
3046     <xsd:simpleType name="RestrictedObjectAggregationType">
3047         <xsd:union memberTypes="StandardRestrictedObjectAggregationType
3048 LocalRestrictedObjectAggregationType"/>
3049     </xsd:simpleType>
3050 </xsd:schema>

```


3051 **7 ESR**

3052 **7.1 STATUS REQUEST**

3053 **7.1.1 XML SCHEMA STRUCTURE**



3054

3055

FIGURE 10: STATUS REQUEST DOCUMENT STRUCTURE

3056 7.1.2 XML SCHEMA

```

3057 <?xml version="1.0" encoding="UTF-8"?>
3058 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
3059 xmlns="urn:entsoe.eu:wgedi:esr:statusrequestdocument:3:0"
3060 targetNamespace="urn:entsoe.eu:wgedi:esr:statusrequestdocument:3:0" elementFormDefault="qualified"
3061 attributeFormDefault="unqualified">
3062   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../core/urn-entsoe-eu-wgedi-
3063 components.xsd"/>
3064   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-esr-statusrequestdocument-3-0-restricted-codes.xsd"/>
3065   <!--
3066           ENTSO-E Document Automatically generated from a UML class diagram using XML.
3067           Generation tool version 2.0
3068   -->
3069   <xsd:element name="StatusRequestDocument">
3070     <xsd:complexType>
3071       <xsd:annotation>
3072         <xsd:documentation/>
3073       </xsd:annotation>
3074       <xsd:sequence>
3075         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
3076           <xsd:annotation>
3077             <xsd:documentation/>
3078           </xsd:annotation>
3079         </xsd:element>
3080         <xsd:element name="DocumentType" type="ecc:DocumentType">
3081           <xsd:annotation>
3082             <xsd:documentation/>
3083           </xsd:annotation>
3084         </xsd:element>
3085         <xsd:element name="SenderIdentification" type="ecc:PartyType">
3086           <xsd:annotation>
3087             <xsd:documentation/>
3088           </xsd:annotation>
3089         </xsd:element>
3090         <xsd:element name="SenderRole" type="ecc:RoleType">
3091           <xsd:annotation>
3092             <xsd:documentation/>
3093           </xsd:annotation>
3094         </xsd:element>
3095         <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
3096           <xsd:annotation>
3097             <xsd:documentation/>
3098           </xsd:annotation>
3099         </xsd:element>
3100         <xsd:element name="ReceiverRole" type="ecc:RoleType">
3101           <xsd:annotation>
3102             <xsd:documentation/>
3103           </xsd:annotation>
3104         </xsd:element>
3105         <xsd:element name="CreationDateTime" type="ecc:DateTimeType">
3106           <xsd:annotation>
3107             <xsd:documentation/>
3108           </xsd:annotation>
3109         </xsd:element>
3110         <xsd:element name="RequestComponent" type="RequestComponent_Type"
3111 maxOccurs="unbounded"/>
3112       </xsd:sequence>
3113     </xsd:complexType>
3114   </xsd:element>
3115   <xsd:complexType name="RequestComponent_Type">
3116     <xsd:annotation>
3117       <xsd:documentation/>
3118     </xsd:annotation>
3119     <xsd:sequence>
3120       <xsd:element name="RequestedAttribute" type="ecc:ComponentNameType">
3121         <xsd:annotation>
3122           <xsd:documentation/>
3123         </xsd:annotation>

```

```

3124         </xsd:element>
3125         <xsd:element name="RequestedAttributeValue" type="ecc:ComponentValueType">
3126             <xsd:annotation>
3127                 <xsd:documentation/>
3128             </xsd:annotation>
3129         </xsd:element>
3130     </xsd:sequence>
3131 </xsd:complexType>
3132 </xsd:schema>

```

3133 7.1.3 RESTRICTED CODELIST

```

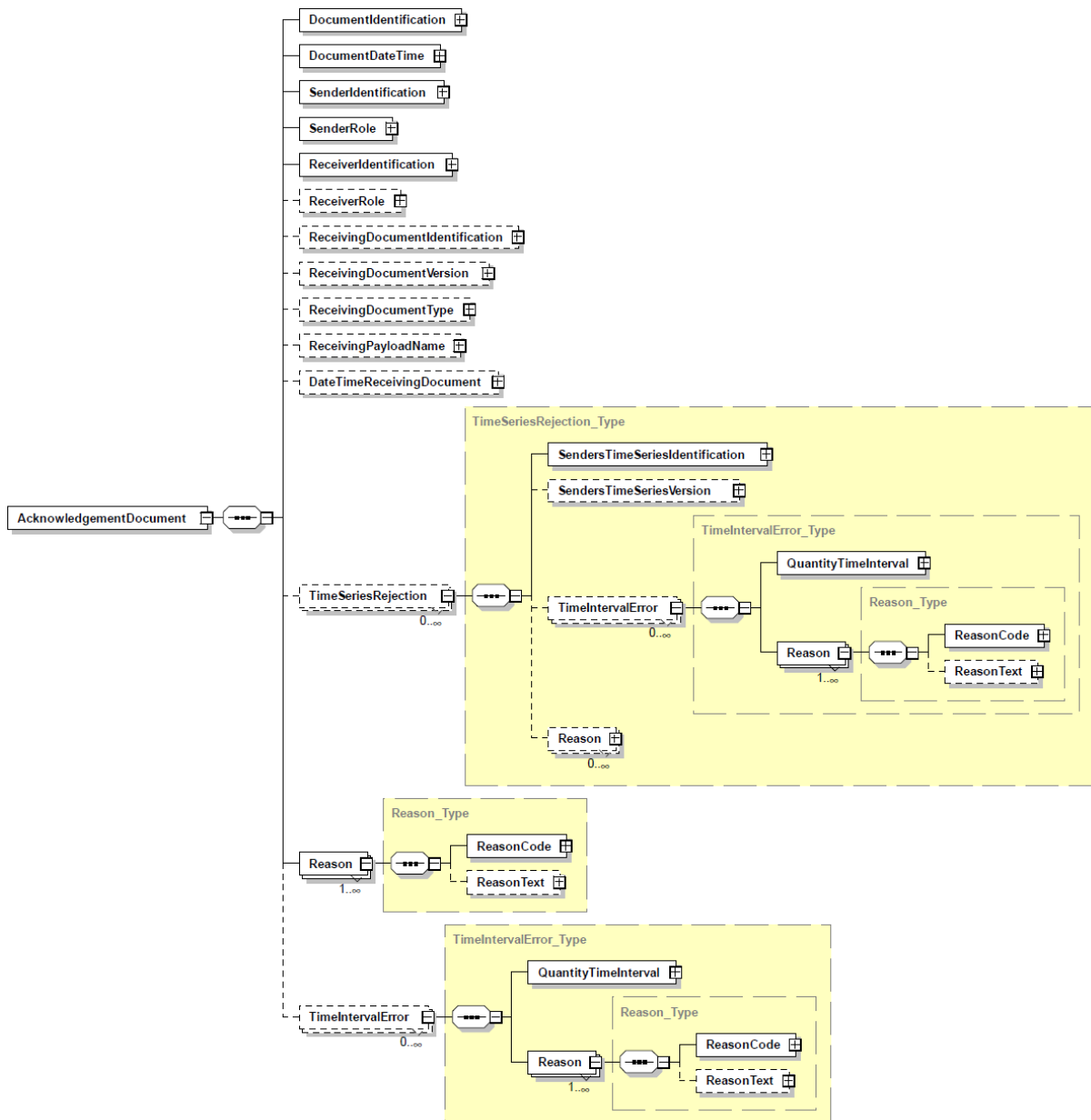
3134 <?xml version="1.0" encoding="UTF-8"?>
3135 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
3136 elementFormDefault="qualified" attributeFormDefault="unqualified">
3137     <!-- import the codelists -->
3138     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
3139 codelists.xsd"/>
3140     <!-- include the local message restrictions -->
3141     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-esr-statusrequestdocument-3-0-local-restrictions.xsd"/>
3142     <!-- restricted codelists -->
3143     <xsd:complexType name="DocumentType">
3144         <xsd:attribute name="v" type="RestrictedDocumentType" use="required"/>
3145     </xsd:complexType>
3146     <xsd:simpleType name="StandardRestrictedDocumentType">
3147         <xsd:restriction base="ecl:StandardDocumentTypeList">
3148             <xsd:enumeration value="A59"/>
3149             <xsd:enumeration value="A60"/>
3150         </xsd:restriction>
3151     </xsd:simpleType>
3152     <xsd:simpleType name="RestrictedDocumentType">
3153         <xsd:union memberTypes="StandardRestrictedDocumentType LocalRestrictedDocumentType"/>
3154     </xsd:simpleType>
3155 </xsd:schema>

```

3156 **8 ACKNOWLEDGEMENT**

3157 **8.1 ACKNOWLEDGEMENT DOCUMENT**

3158 **8.1.1 XML SCHEMA STRUCTURE**



3159

3160

3161

FIGURE 11: ACKNOWLEDGMENT DOCUMENT STRUCTURE

3162

8.1.2 XML SCHEMA

```

3163 <?xml version="1.0" encoding="UTF-8"?>
3164 <xsd:schema xmlns:ecc="urn:entsoe.eu:wgedi:components" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
3165 xmlns="urn:entsoe.eu:wgedi:acknowledgement:acknowledgementdocument:6:0"
3166 targetNamespace="urn:entsoe.eu:wgedi:acknowledgement:acknowledgementdocument:6:0" elementFormDefault="qualified"
3167 attributeFormDefault="unqualified">
3168   <xsd:import namespace="urn:entsoe.eu:wgedi:components" schemaLocation="../../../core/urn-entsoe-eu-wgedi-
3169 components.xsd"/>
3170   <xsd:include schemaLocation="urn-entsoe-eu-wgedi-acknowledgement-acknowledgementdocument-6-0-restricted-
3171 codes.xsd"/>
3172   <!--
3173           ENTSO-E Document Automatically generated from a UML class diagram using XMI.
3174           Generation tool version 2.0
3175   -->
3176   <xsd:element name="AcknowledgementDocument">
3177     <xsd:complexType>
3178       <xsd:annotation>
3179         <xsd:documentation/>
3180       </xsd:annotation>
3181       <xsd:sequence>
3182         <xsd:element name="DocumentIdentification" type="ecc:IdentificationType">
3183           <xsd:annotation>
3184             <xsd:documentation/>
3185           </xsd:annotation>
3186         </xsd:element>
3187         <xsd:element name="DocumentDateTime" type="ecc:DocumentDateTimeType">
3188           <xsd:annotation>
3189             <xsd:documentation/>
3190           </xsd:annotation>
3191         </xsd:element>
3192         <xsd:element name="SenderIdIdentification" type="ecc:PartyType">
3193           <xsd:annotation>
3194             <xsd:documentation/>
3195           </xsd:annotation>
3196         </xsd:element>
3197         <xsd:element name="SenderRole" type="ecc:RoleType">
3198           <xsd:annotation>
3199             <xsd:documentation/>
3200           </xsd:annotation>
3201         </xsd:element>
3202         <xsd:element name="ReceiverIdentification" type="ecc:PartyType">
3203           <xsd:annotation>
3204             <xsd:documentation/>
3205           </xsd:annotation>
3206         </xsd:element>
3207         <xsd:element name="ReceiverRole" type="ecc:RoleType" minOccurs="0">
3208           <xsd:annotation>
3209             <xsd:documentation/>
3210           </xsd:annotation>
3211         </xsd:element>
3212         <xsd:element name="ReceivingDocumentIdentification" type="ecc:IdentificationType"
3213 minOccurs="0">
3214           <xsd:annotation>
3215             <xsd:documentation/>
3216           </xsd:annotation>
3217         </xsd:element>
3218         <xsd:element name="ReceivingDocumentVersion" type="ecc:VersionType"
3219 minOccurs="0">
3220           <xsd:annotation>
3221             <xsd:documentation/>
3222           </xsd:annotation>
3223         </xsd:element>
3224         <xsd:element name="ReceivingDocumentType" type="ecc:DocumentType"
3225 minOccurs="0">
3226           <xsd:annotation>
3227             <xsd:documentation/>
3228           </xsd:annotation>
3229         </xsd:element>

```

```
3230                 <xsd:element name="ReceivingPayloadName" type="ecc:LongIdentificationType"
3231 minOccurs="0">
3232                 <xsd:annotation>
3233                     <xsd:documentation/>
3234                 </xsd:annotation>
3235             </xsd:element>
3236             <xsd:element name="DateTimeReceivingDocument"
3237 type="ecc:DocumentDateTimeType" minOccurs="0">
3238                 <xsd:annotation>
3239                     <xsd:documentation/>
3240                 </xsd:annotation>
3241             </xsd:element>
3242             <xsd:element name="TimeSeriesRejection" type="TimeSeriesRejection_Type"
3243 minOccurs="0" maxOccurs="unbounded"/>
3244                 <xsd:element name="Reason" type="Reason_Type" maxOccurs="unbounded"/>
3245                 <xsd:element name="TimeIntervalError" type="TimeIntervalError_Type" minOccurs="0"
3246 maxOccurs="unbounded"/>
3247             </xsd:sequence>
3248         </xsd:complexType>
3249     </xsd:element>
3250     <xsd:complexType name="TimeSeriesRejection_Type">
3251         <xsd:annotation>
3252             <xsd:documentation/>
3253         </xsd:annotation>
3254         <xsd:sequence>
3255             <xsd:element name="SendersTimeSeriesIdentification" type="ecc:IdentificationType">
3256                 <xsd:annotation>
3257                     <xsd:documentation/>
3258                 </xsd:annotation>
3259             </xsd:element>
3260             <xsd:element name="SendersTimeSeriesVersion" type="ecc:VersionType" minOccurs="0">
3261                 <xsd:annotation>
3262                     <xsd:documentation/>
3263                 </xsd:annotation>
3264             </xsd:element>
3265             <xsd:element name="TimeIntervalError" type="TimeIntervalError_Type" minOccurs="0"
3266 maxOccurs="unbounded"/>
3267                 <xsd:element name="Reason" type="Reason_Type" minOccurs="0" maxOccurs="unbounded"/>
3268             </xsd:sequence>
3269         </xsd:complexType>
3270     <xsd:complexType name="TimeIntervalError_Type">
3271         <xsd:annotation>
3272             <xsd:documentation/>
3273         </xsd:annotation>
3274         <xsd:sequence>
3275             <xsd:element name="QuantityTimeInterval" type="ecc:TimeIntervalType">
3276                 <xsd:annotation>
3277                     <xsd:documentation/>
3278                 </xsd:annotation>
3279             </xsd:element>
3280             <xsd:element name="Reason" type="Reason_Type" maxOccurs="unbounded"/>
3281         </xsd:sequence>
3282     </xsd:complexType>
3283     <xsd:complexType name="Reason_Type">
3284         <xsd:annotation>
3285             <xsd:documentation/>
3286         </xsd:annotation>
3287         <xsd:sequence>
3288             <xsd:element name="ReasonCode" type="ReasonCodeType">
3289                 <xsd:annotation>
3290                     <xsd:documentation/>
3291                 </xsd:annotation>
3292             </xsd:element>
3293             <xsd:element name="ReasonText" type="ecc:ReasonTextType" minOccurs="0">
3294                 <xsd:annotation>
3295                     <xsd:documentation/>
3296                 </xsd:annotation>
3297             </xsd:element>
3298         </xsd:sequence>
3299     </xsd:complexType>
3300 </xsd:schema>
```

3301 8.1.3 RESTRICTED CODELIST

```

3302 <?xml version="1.0" encoding="UTF-8"?>
3303 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ecl="urn:entsoe.eu:wgedi:codelists"
3304 elementFormDefault="qualified" attributeFormDefault="unqualified">
3305     <!-- import the codelists -->
3306     <xsd:import namespace="urn:entsoe.eu:wgedi:codelists" schemaLocation="../../core/urn-entsoe-eu-wgedi-
3307 codelists.xsd"/>
3308     <!-- include the local message restrictions -->
3309     <xsd:include schemaLocation="urn-entsoe-eu-wgedi-acknowledgement-acknowledgementdocument-6-0-local-
3310 restrictions.xsd"/>
3311     <!-- restricted codelists -->
3312     <xsd:complexType name="ReasonCodeType">
3313         <xsd:attribute name="v" type="RestrictedReasonCodeType" use="required"/>
3314     </xsd:complexType>
3315     <xsd:simpleType name="StandardRestrictedReasonCodeType">
3316         <xsd:restriction base="ecl:StandardReasonCodeTypeList">
3317             <xsd:enumeration value="A01"/>
3318             <xsd:enumeration value="A02"/>
3319             <xsd:enumeration value="A03"/>
3320             <xsd:enumeration value="A04"/>
3321             <xsd:enumeration value="A20"/>
3322             <xsd:enumeration value="A21"/>
3323             <xsd:enumeration value="A41"/>
3324             <xsd:enumeration value="A42"/>
3325             <xsd:enumeration value="A46"/>
3326             <xsd:enumeration value="A49"/>
3327             <xsd:enumeration value="A50"/>
3328             <xsd:enumeration value="A51"/>
3329             <xsd:enumeration value="A52"/>
3330             <xsd:enumeration value="A53"/>
3331             <xsd:enumeration value="A55"/>
3332             <xsd:enumeration value="A56"/>
3333             <xsd:enumeration value="A57"/>
3334             <xsd:enumeration value="A59"/>
3335             <xsd:enumeration value="A94"/>
3336         </xsd:restriction>
3337     </xsd:simpleType>
3338     <xsd:simpleType name="RestrictedReasonCodeType">
3339         <xsd:union memberTypes="StandardRestrictedReasonCodeType LocalRestrictedReasonCodeType"/>
3340     </xsd:simpleType>
3341 </xsd:schema>

```