

SLOVENSKI STANDARD
SIST EN 62325-451-3:2014/A1:2017
01-september-2017

Okvir za komunikacije na trgu z električno energijo - 451-3. del: Proces dodeljevanja čezmejnih prenosnih zmogljivosti (eksplicitne ali implicitne avkcije) in kontekstualni modeli za evropski trg - Dopnilo A1

Framework for energy market communications - Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market

Kommunikation im Energiemarkt - Teil 451-3: Geschäftsprozess für die Übertragungskapazitäts-Zuteilung (explizite oder implizite Auktion) und kontextbezogene Modelle für den europäischen Markt

Cadre pour les communications pour le marché de l'énergie - Partie 451-3: Processus métier d'attribution de la capacité de transport (vente aux enchères explicite ou implicite) et modèles contextuels pour le marché européen

Ta slovenski standard je istoveten z: EN 62325-451-3:2014/A1:2017

ICS:

29.240.30	Krmilna oprema za elektroenergetske sisteme	Control equipment for electric power systems
33.200	Daljinsko krmiljenje, daljinske meritve (telemetrija)	Telecontrol. Telemetry

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EUROPEAN STANDARD

EN 62325-451-3:2014/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2017

ICS 33.200

English Version

Framework for energy market communications - Part 451-3:
Transmission capacity allocation business process (explicit or
implicit auction) and contextual models for European market
(IEC 62325-451-3:2014/A1:2017)

Cadre pour les communications pour le marché de l'énergie
- Partie 451-3: Processus métier d'attribution de la capacité
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Kommunikation im Energiemarkt - Teil 451-3:
Geschäftsprozess für die Übertragungskapazitäts-
Zuteilung (explizite oder implizite Auktion) und
kontextbezogene Modelle für den europäischen Markt
(IEC 62325-451-3:2014/A1:2017)

This amendment A1 modifies the European Standard EN 62325-451-3:2014; it was approved by CENELEC on 2017-06-09. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62325-451-3:2014/A1:2017**European foreword**

The text of document 57/1755/CDV, future IEC 62325-451-3:2014/A1, prepared by IEC/TC 57 "Power systems management and associated information exchange" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62325-451-3:2014/A1:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-03-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-06-09

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The text of the International Standard IEC 62325-451-3:2014/A1:2017 was approved by CENELEC as a European Standard without any modification.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



AMENDMENT 1
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européen**

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FOREWORD

This amendment has been prepared by IEC technical committee 57: Power systems management and associated information exchange.

The text of this amendment is based on the following documents:

CDV	Report on voting
57/1755/CDV	57/1825/RVC

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

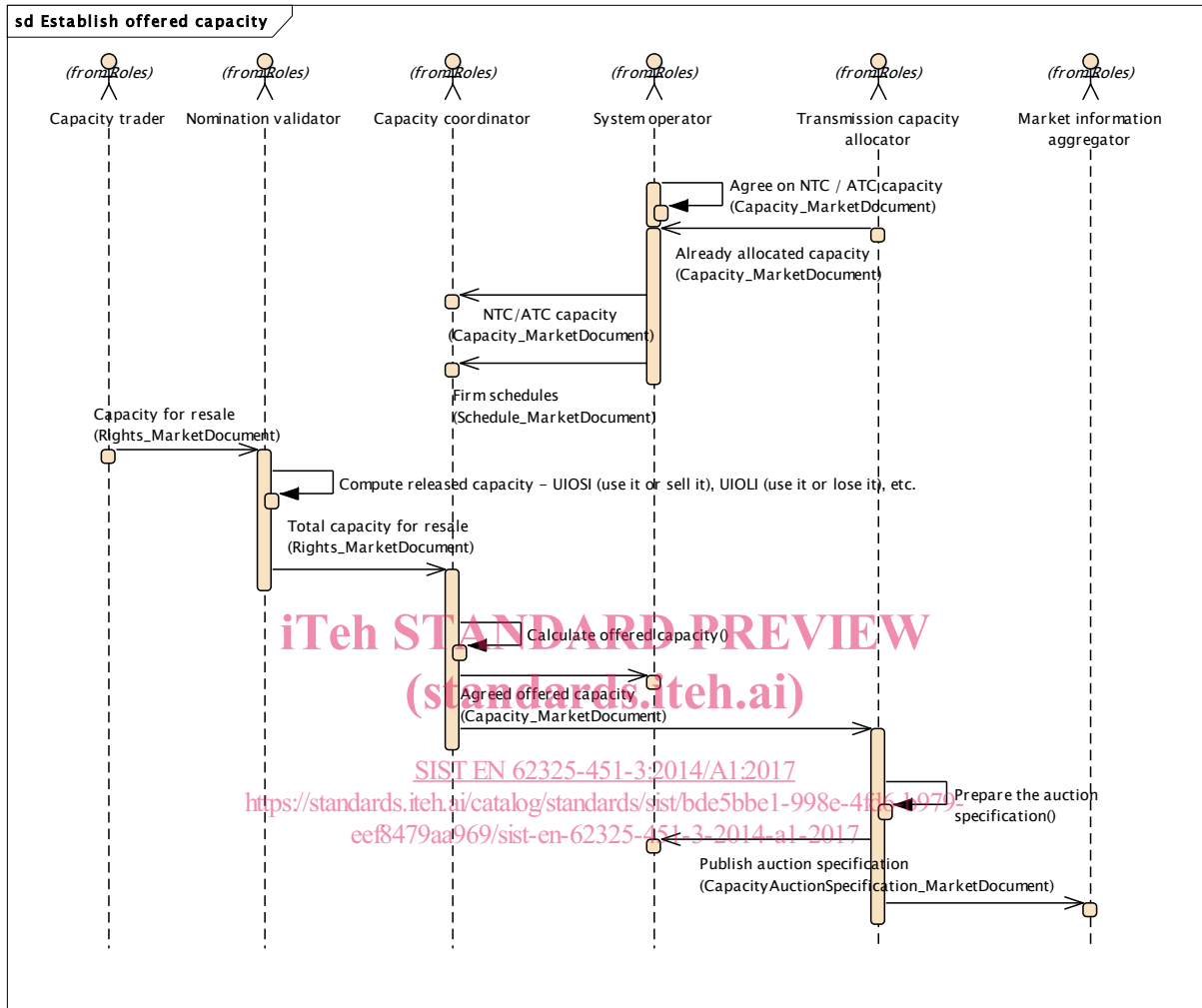
- reconfirmed,
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Figure 4 – Establish offered capacity overview

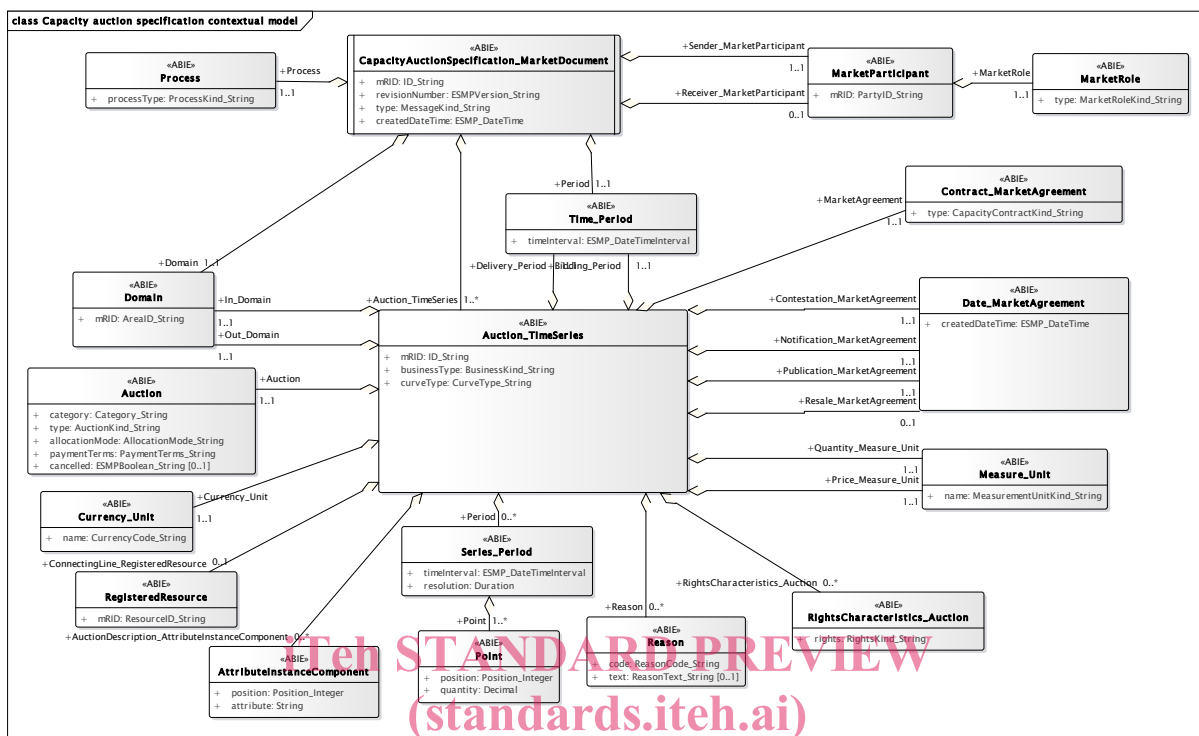
Replace existing Figure 4 by the following new figure:



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Figure 11 – Capacity auction specification contextual model

Replace existing Figure 11 by the following new figure:



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Table 29 – IsBasedOn dependency catalog/standards/sist/bde5bbe1-998e-4fd6-b979-
cef8479aa969/sist-en-62325-451-3-2014-a1-2017

In Table 29 insert the following new row after the row "Reason":

Name	Is BasedOn Class	Complete IsBasedOn Path
RegisteredResource	MarketCommon::RegisteredResource	IEC62325/MarketCommon

Table 35 – Association ends of Capacity auction specification contextual model::Auction_TimeSeries with other classes

In Table 35 insert the following new row after the row "Bidding_Period":

mult.	Role	Class type name	Description
[0..1]	ConnectingLine_Registered Resource	RegisteredResource	The identification of a resource associated with a TimeSeries. The identification of a set of lines that connect two areas; the transmission capacity rights are related to this set of lines. Association Based On: ESMPClasses::RegisteredResource.Registere dResource[0..*] ----- ESMPClasses::TimeSeries.[]

6.3.3 Detailed Capacity auction specification contextual model

Insert the following new Subclause 6.3.3.18 at end of Subclause 6.3.3:

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6.3.3.18 RegisteredResource

A resource that is registered through the market participant registration system. Examples include generating unit, load, and non-physical generator or load.

IsBasedOn: ESMPClasses::RegisteredResource

Table 254 shows all attributes of RegisteredResource.

Table 254 – Attributes of Capacity auction specification contextual model::RegisteredResource

mult.	Attribute name	Attribute type	Description
[1..1]	mRID	ResourceID_String	The unique identification of a resource.

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