

# RBP – Automated interface

## v1.26

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### 0 Version control

Date	Author	Version	Change
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2020.04.22.	Bandi Zsuzsa	0.98	German-Polish developments phase I.
2020.05.15.	Lajtos András	1.1	Version number update
2020.06.04	Bandi Zsuzsa	1.2	German-Polish developments phase II.
2020.06.23.	Bandi Zsuzsa	1.3	Flow commitment/LNG unloading slot
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2020.10.14.	Bandi Zsuzsa	1.13	GetFCFSTrades
2020.03.10.	Lajtos András	1.14	RBP Portal Services
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2021.08.05.	Bandi Zsuzsa	1.16	Error messages
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2022.01.06.	Bandi Zsuzsa	1.18	Storage capacity: UploadCapacityAndTariffV3, ImportComfortBidSetsV2, GetSubmittableComfortBidSetsV2, UploadFinanceCreditV2, GetAuctionsV5, GetTradesV4, GetCapacityAuctionListV2
2022.03.25.	Bandi Zsuzsa	1.19	MAOCAP AS4
2022.10.10	Szernai Judit	1.20	LPFS Services
2023.04.17.	Bandi Zsuzsa	1.21	UploadFinanceCreditV3, GetStorageLngSecondaryMarketDealsByTimePeriod, GetStorageLngSecondaryMarketDeals
2023.05.26.	Szabó László	1.22	Query TSO financial limit: GetCreditLimits
2023.09.06.	Bandi Zsuzsa	1.23	CreateBilateralDealV4, GetBilateralDealsByTimePeriodV4,

			GetBilateralDealsV4, GetCapacityMarketDealsByTimePeriodV3, GetCapacityMarketDealsV3
<b>2023.11.07.</b>	Bandi Zsuzsa	1.24	GetLpfsData, uploadCapacityAndTariffV4
<b>2024.09.16.</b>	Szabó László	1.25	New application URLs will be introduced
<b>2024.12.04.</b>	Bandi Zsuzsa	1.26	GetTrades example

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# 1 Introduction

The purpose of this document is to specify the basic principles of server-server communication that can be used in the operational business among the RBP operator (FGSZ) and its co-operating partners, ie.

- RBP TSO Members (TSOService)
- RBP Network User Members (NUService)

and to define its message formats:

The services are available at the following URLs:

<https://<servername>/Services/SoapTSOService.svc>

<https://<servername>/Services/SoapNUService.svc>

Environment	Servername
Test	app.uat.rbp.eu ipnew.test.fgsz.hu/Fgsz.Klp.Web.UAT (It will be phased out from 2025.10.01)
Live	app.rbp.eu ipnew.fgsz.hu/Fgsz.Klp.Web (It will be phased out from 2025.10.01)

The services' WSDL can be called using the „?singleWsdI” parameter inserted after the URL, for example:

<https://<servername>///Services/SoapNUService.svc?singleWsdI>

The types of service input parameters and return values are described by the XSD schemes in the WSDL.

**Please note that from the date of 2025.10.01 the following service URLs will be phased out.**

**Test: <https://ipnew.test.fgsz.hu/Fgsz.Klp.Web.UAT/Services/SoapTsoService.svc>**

**Live: <https://ipnew.fgsz.hu/Fgsz.Klp.Web/Services/SoapTsoService.svc>**

## 1.1 Code libraries

Below listed you will find the code libraries/cross-references associated with using the Webservice services. When sending messages, you can use the item set of the following code libraries.

### 1.1.1 Capacity quality

Code	Edigas code	Edigas name
<b>FIRM</b>	Z06	Firm
<b>INT</b>	Z05	Interruptable
<b>SEAS</b>	Z14	Seasonal
<b>FZK</b>	ZEQ	Freely available allocable capacity

<b>bFZK</b>	ZER	Capacity with capacity allocation restrictions and capacity usage restrictions (bFZK)
<b>BZK</b>	ZES	Restricted-allocable capacity (BZK)
<b>DZK</b>	ZET	Dynamically allocable capacity (DZK)
<b>TAK</b>	ZEU	Temperature related and restricted capacity (TAK)
<b>Z01</b>	Z01	Working volume
<b>Z02</b>	Z02	Injectability capacity
<b>Z03</b>	Z03	Deliverability capacity
<b>Z04</b>	Z04	Available total firm capacity
<b>Z07</b>	Z07	Conditional (booked)
<b>Z13</b>	Z13	Current storage quantity
<b>ZEW</b>	ZEW	Published technical capacity
<b>ZEX</b>	ZEX	Servitude gas
<b>ZEY</b>	ZEY	Operational TSO usage
<b>ZEZ</b>	ZEZ	Gas in kind
<b>ZFA</b>	ZFA	Available Interruptible capacity
<b>ZFB</b>	ZFB	Available Firm capacity
<b>ZFC</b>	ZFC	Makeup
<b>ZFD</b>	ZFD	Available total interruptible capacity
<b>DZK1</b>	D01	Dynamically allocable capacity (DZK1)
<b>DZK2</b>	D02	Dynamically allocable capacity (DZK2)
<b>DZK3</b>	D03	Dynamically allocable capacity (DZK3)
<b>DZK4</b>	D04	Dynamically allocable capacity (DZK4)
<b>DZK5</b>	D05	Dynamically allocable capacity (DZK5)
<b>DZK6</b>	D06	Dynamically allocable capacity (DZK6)
<b>DZK7</b>	D07	Dynamically allocable capacity (DZK7)
<b>DZK8</b>	D08	Dynamically allocable capacity (DZK8)
<b>DZK9</b>	D09	Dynamically allocable capacity (DZK9)
<b>DZK10</b>	D10	Dynamically allocable capacity (DZK10)
<b>DZK11</b>	D11	Dynamically allocable capacity (DZK11)
<b>DZK12</b>	D12	Dynamically allocable capacity (DZK12)
<b>DZK13</b>	D13	Dynamically allocable capacity (DZK13)
<b>DZK14</b>	D14	Dynamically allocable capacity (DZK14)
<b>DZK15</b>	D15	Dynamically allocable capacity (DZK15)

### 1.1.2 Capacity type

Code	EDIGAS code	Description
<b>Bundled</b>	ZEO	Bundled
<b>Unbundled</b>	ZEP	Unbundled

### 1.1.3 Gas flow

Code	Description
<b>Physical</b>	Physical
<b>Backhaul</b>	Backhaul

#### 1.1.4 Auction unit

The auction unit coding corresponds to the EDIGAS format.

EDIGAS code	Code	Description
<b>KW1</b>	KilowatthourPerHour	kWh/h
<b>KW2</b>	KilowatthourPerDay	kWh/d
<b>LNG*</b>	LNGUnloadingSlot	LNG Unloading Slot
<b>LOT*</b>	Lot	Lot
<b>BDL*</b>	Bundle	Bundle
<b>EA</b>	Piece	Piece
<b>MWH*</b>	MWh	MWh
<b>MQ6</b>	CubicMeterPerHour	m <sup>3</sup> /h
<b>MQ7</b>	CubicMeterPerDay	m <sup>3</sup> /d
<b>R9</b>	ThousandCubicMeter	*1000 m <sup>3</sup>
<b>MQ5</b>	CubicMeter	m <sup>3</sup>
<b>MWZ</b>	MegawattHoursPerDay	MWh/d
<b>KWH</b>	KilowattHour	kWh
<b>A02</b>	KilowattHourPerMonth	kWh/m

\* Marked codes are not official EDIGAS units.

#### 1.1.5 Product type

For the Product type, three types of coding have been used in the system. For each message, the field description specifies which one to use.

Code1	EDIGAS code	Description
<b>HOURLY</b>		Hourly
<b>DAYAHEAD</b>	ZEM	Day ahead
<b>MONTHLY</b>	ZEL	Monthly
<b>QUARTERLY</b>	ZEK	Quarterly
<b>YEARLY</b>	ZEJ	Yearly
<b>WITHINDAY</b>	ZEN	Within day
<b>STRIP</b>		Strip
<b>GASHOURINTERVAL</b>		Gas Hour Interval
<b>OPENSEASON</b>		Open season

#### 1.1.6 Auction type

Code	EDIGAS code	Description
<b>AscendingClock</b>	ZSW	Ascending clock
<b>Prorata</b>	ZTB	Prorata
<b>UniformPrice</b>	ZSX	Uniform price

<b>OSBB</b>	ZSF	Buy-back
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### 1.1.7 Price step mode

Code	Description
<b>AbsoluteValue</b>	Absolute value
<b>Percentage</b>	Percentage

### 1.1.8 Capacity Market Offer Type

Code	Description
<b>Sale</b>	Sell
<b>Buy</b>	Buy

### 1.1.9 Auction platform identifier

Code	Description
<b>1</b>	RBP
<b>2</b>	GSA
<b>3</b>	Prisma

### 1.1.10 TransferType

Code	Description
<b>TransferOfUse</b>	TransferOfUse
<b>Assignment</b>	Assignment
<b>Sublet</b>	Sublet

### 1.1.11 Auction characteristics

Code	Description
<b>Normal</b>	Normal auctions
<b>Route</b>	Route auctions
<b>Incremental</b>	Incremental auctions
<b>Competing</b>	Competing auctions
<b>Buyback</b>	Buy-back auctions
<b>Storage</b>	Storage capacity auctions

## 1.2 EDIG@S standard

RBP services currently support the messages in the following versions:

- update 2 of the EDIG@S standard 5.1.
- update 14 of the EDIG@S standard 5.1.

For message implementation guidelines please refer to:

[https://www.edigas.org/wp-content/Downloads/1-urn-easee-gas-eu-edigas-edigas5\\_1-CapacityTradingProcess\\_v5r0-2018-08-31.pdf](https://www.edigas.org/wp-content/Downloads/1-urn-easee-gas-eu-edigas-edigas5_1-CapacityTradingProcess_v5r0-2018-08-31.pdf)

The xsd schemas used for validating the messages are packed in the following files. Please note that the schemas used by RBP are not exactly the same as the official ones, there are some deviations. These deviations are detailed in below sections.



RbpEdigasSchemas.zip

### 1.3 Description of Product Periods (Capacity instrumentum)

In this document, the Product period and capacity period descriptions are used for the capacity instrument.

The system indicates the products' use period in the following text formats:

- Yearly: 2016/2017
- Quarterly: 2016/2017 Q1
- Monthly: 2016/2017 OCT
- Day ahead: 2016.10.01.
- Withinday: 2016.10.01-01
- Gashour(GASHOUR): 2016.10.01-01GH
- OpenSeason, strip: 2016.10.01. - 2016.10.05.
- Gashour interval (GASHOURINTERVAL): 2016.10.01-01GH - 2016.10.01-05GH

### 1.4 Determining the direction of the offered capacity

The direction of the capacity is determined by the content of the fields ExitTSO (or FromTSO) and EntryTSO (or ToTSO) .

For example, in the case **ExitTSO = EXAMPLETSO1 and EntryTSO = EXAMPLETSO2**, the involved capacity is Exit for EXAMPLETSO1, while considered as Entry direction from view of EXAMPLETSO2.

TSOId represents the offering TSO, so it must always be identical either with the FromTSOId or the ToTSOId field. The other one of the two must match the other side's TSO of the relevant interconnection point. For interconnection points, completing both TSOIds is mandatory, regardless of the capacity type (bundled, unbundled).

In the case of offering unbundled capacity, exactly one of the FromTSOId and ToTSOId fields must be completed.

### 1.5 Error handling

The specific Error codes can be found in the chapters of each service.

### 1.5.1 Error handling for unique (not EDIGAS) SOAP interfaces

RBP displays the possible error messages in the form of SOAP Faults. The Code and Reason fields of the faults are always a pre-set text and the error messages appear in the content of the Detail field: in the FaultInfo items of the FaultInfos set.

Each FaultInfo always contains the error code and its text description, in accordance with the conventions normally used in the system, for example:

- [OC0004] Not existing TSO EIC code!

FaultInfo may optionally include an additional NetworkPointEICCode field. This will contain an eic code of a network point in the case if during generation of the error message it can be determined that this belongs to that point. For example, such may be the case when the offered capacities are bulk loaded.

#### Example:

```
<s:Envelope xmlns:s=http://www.w3.org/2003/05/soap-envelope
  xmlns:a=http://www.w3.org/2005/08/addressing
  xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Header>
    <a:Action s:mustUnderstand="1">http://www.w3.org/2005/08/addressing/soap/fault</a:Action>
  </s:Header>
  <s:Body>
    <s:Fault>
      <s:Code>
        <s:Value>s:soap:Server</s:Value>
      </s:Code>
      <s:Reason>
        <s:Text xml:lang="en-US">INVALID_REQUEST</s:Text>
      </s:Reason>
      <s:Detail>
        <FaultInfos xmlns="http://rbp.hu"
          xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
          <FaultInfo>
            <Error>[OC0046] TSO can only offer its own capacity (TSO: {0})!</Error>
          </FaultInfo>
          <FaultInfo>
            <NetworkPointEICCode>21Z000000000236Q</NetworkPointEICCode>
            <Error>[OC0035] The value of the price step must be higher than 0.</Error>
          </FaultInfo>
          <FaultInfo>
            <NetworkPointEICCode>21Z000000000236Q</NetworkPointEICCode>
            <Error>[OC0004] Not existing TSO EIC code!</Error>
          </FaultInfo>
        </FaultInfos>
      </s:Detail>
    </s:Fault>
  </s:Body>
</s:Envelope>
```

### 1.5.2 Error handling for EDIGAS interfaces

For non-query-type interfaces receiving the EDIGAS message, the message Acknowledgment\_Document (urn: easyegas.eu: edigas: general: acknowledgmentdocument: 5: 1) recommended in EDIGAS's "**General Service Processes**" document is shown by the system both in case of success and error. In case of success, the 01G Reason code is included in the message, while in case of error, several Reason and Rejection\_Point entries may be added.

Reason entities (relating to and also without a network point) contain a general edigas error code, an RBP internal error code and error message that matches the system conventions can be found in the Text field.

Example:

```
<s:Envelope xmlns:s=http://www.w3.org/2003/05/soap-envelope
  xmlns:a=http://www.w3.org/2005/08/addressing
  xmlns:u=http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/ITSOSoapWrapper/LoadOfferedCapacityResponse</a:Action>
    </s:Header>
    <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
      <LoadOfferedCapacityResponse xmlns="http://rbp.hu">
        <Acknowledgement_Document
  xmlns="urn:easeegas.eu:edigas:general:acknowledgementdocument:5:1">
          <identification>73e44c6df85b4e2486939ec3adcb2ff5</identification>
          <version>1</version>
          <type>294</type>
          <creationDateTime>2018-04-26T15:32:11.5990008Z</creationDateTime>
          <validityPeriod>2018-04-26T15:02Z/2018-04-26T16:02Z</validityPeriod>
          <contractType>ACW</contractType>
          <issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</issuer_MarketParticipant.identification>
          <issuer_MarketParticipant.marketRole.code>ZUJ</issuer_MarketParticipant.marketRole.code>
          <recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</recipient_MarketParticipant.identification>
          <recipient_MarketParticipant.marketRole.code>ZSO</recipient_MarketParticipant.marketRole.code>
          <receiving_Document.identification>f2642161caa54141bc18ea2308f9d4c7</receiving_Document.identific
ation>
          <receiving_Document.version>4</receiving_Document.version>
          <receiving_Document.type>AMV</receiving_Document.type>
          <receiving_Document.creationDateTime>2018-04-26T15:32:11.5990008Z
</receiving_Document.creationDateTime>
          <Reason>
            <code>48G</code>
            <text>[EC0010] Recipient_MarketParticipant.Identification invalid EIC
code.</text>
          </Reason>
          <Rejection_ConnectionPoint>
            <identification codingScheme="305">39ZKAABA00011GNE</identification>
            <Reason>
              <code>48G</code>
              <text>[OC0037] Large price step cannot be divided by small price
step</text>
            </Reason>
          </Rejection_ConnectionPoint>
        </Acknowledgement_Document>
      </LoadOfferedCapacityResponse>
    </s:Body>
  </s:Envelope>
```

1.5.3 Unmanaged exceptions for SOAP calls

In the system exceptions may be generated that are handled by the used technologies before processing of the message could start in the RBP. This can happen, for example, when an invalid XML content is submitted. In this case, the caller party will receive the SOAP Exception format generated by the Microsoft .NET Framework.

Example:

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/net/2005/12/windowscommunicationfoundation/dispatcher/fault</a:Action>
  </s:Header>
  <s:Body>
    <s:Fault>
      <s:Code>
        <s:Value>s:Receiver</s:Value>
        <s:Subcode>
          <s:Value
xmlns:a="http://schemas.microsoft.com/net/2005/12/windowscommunicationfoundation/dispatcher">a:InternalServiceFault</s:Value>
          </s:Subcode>
        </s:Code>
        <s:Reason>
          <s:Text xml:lang="en-US">Error in deserializing body of request message for operation
'LoadOfferedCapacity'.</s:Text>
        </s:Reason>
        <s:Detail>
          <ExceptionDetail xmlns="http://schemas.datacontract.org/2004/07/System.ServiceModel"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
            <HelpLink i:nil="true"/>
            <InnerException>
              <HelpLink i:nil="true"/>
              <InnerException>
                <HelpLink i:nil="true"/>
                <InnerException i:nil="true"/>
                <Message>The XmlReader must be on a node of type Element instead of a node
of type Text.</Message>
              <StackTrace>at
System.Xml.Linq.XElement.System.Xml.Serialization.IXmlSerializable.ReadXml(XmlReader reader)
                at System.Xml.Serialization.XmlSerializationReader.ReadSerializable(IXmlSerializable
serializable, Boolean wrappedAny)
                at
Microsoft.Xml.Serialization.GeneratedAssembly.XmlSerializationReaderITSOServiceSoapWrapper.Read82
_LoadOfferedCapacityRequest()
                at System.Xml.Serialization.XmlSerializer.Deserialize(XmlReader xmlReader, String
encodingStyle, XmlDeserializationEvents events)</StackTrace>
                <Type>System.InvalidOperationException</Type>
              </InnerException>
              <Message>There is an error in XML document (7, 13).</Message>
            <StackTrace>at System.Xml.Serialization.XmlSerializer.Deserialize(XmlReader
xmlReader, String encodingStyle, XmlDeserializationEvents events)
            at
System.ServiceModel.Dispatcher.XmlSerializerOperationFormatter.DeserializeBody(XmlDictionaryReade
r reader, MessageVersion version, XmlSerializer serializer, MessagePartDescription returnPart,
MessagePartDescriptionCollection bodyParts, Object[] parameters, Boolean isRequest)</StackTrace>
            <Type>System.InvalidOperationException</Type>
          </InnerException>
          <Message>Error in deserializing body of request message for operation
'LoadOfferedCapacity'.</Message>
        <StackTrace>at
System.ServiceModel.Dispatcher.XmlSerializerOperationFormatter.DeserializeBody(XmlDictionaryReade
r reader, MessageVersion version, XmlSerializer serializer, MessagePartDescription returnPart,
MessagePartDescriptionCollection bodyParts, Object[] parameters, Boolean isRequest)
        at
System.ServiceModel.Dispatcher.XmlSerializerOperationFormatter.DeserializeBody(XmlDictionaryReade
r reader, MessageVersion version, String action, MessageDescription messageDescription, Object[]
parameters, Boolean isRequest)
        at System.ServiceModel.Dispatcher.OperationFormatter.DeserializeBodyContents(Message message,
Object[] parameters, Boolean isRequest)
        at System.ServiceModel.Dispatcher.OperationFormatter.DeserializeRequest(Message message,
Object[] parameters)
        at System.ServiceModel.Dispatcher.DispatchOperationRuntime.DeserializeInputs(MessageRpc&amp;
rpc)
        at System.ServiceModel.Dispatcher.DispatchOperationRuntime.InvokeBegin(MessageRpc&amp;
rpc)

```



```

    at System.ServiceModel.Dispatcher.ImmutableDispatchRuntime.ProcessMessage5 (MessageRpc& amp;
rpc)
    at System.ServiceModel.Dispatcher.ImmutableDispatchRuntime.ProcessMessage11 (MessageRpc& amp;
rpc)
    at System.ServiceModel.Dispatcher.MessageRpc.Process (Boolean
isOperationContextSet) </StackTrace>
      <Type>System.ServiceModel.CommunicationException</Type>
    </ExceptionDetail>
  </s:Detail>
</s:Fault>
</s:Body>
</s:Envelope>

```

## 1.6 Addressing and Security information in SOAP headers

In the response messages you get from the platform you may find SOAP addressing and security related tags in the SOAP header:

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
  xmlns:a="http://www.w3.org/2005/08/addressing"
  xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <s:Header>
    <a:Action s:mustUnderstand="1">http://www.w3.org/2005/08/addressing/soap/fault</a:Action>
    <o:Security s:mustUnderstand="1"
      xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
secext-1.0.xsd">
      <u:Timestamp u:Id="_0">
        <u:Created>2018-12-11T11:26:35.693Z</u:Created>
        <u:Expires>2018-12-11T11:31:35.693Z</u:Expires>
      </u:Timestamp>
    </o:Security>
  </s:Header>
  <s:Body>
    ...
  </s:Body>
</s:Envelope>

```

The Action tag is related to Web Services Addressing: <https://www.w3.org/TR/2006/REC-ws-addr-core-20060509/>

The Security tag is described in the WS-security standard: <https://www.oasis-open.org/committees/download.php/21257/wss-v1.1-spec-errata-os-SOAPMessageSecurity.htm>

## 1.7 CheckAlive

Service provided for TSOs and Network Users.

### 1.7.1 Description

Special method for controlling service operation, which, if for some technical reason, there is no connection with the RBP system, will not return anything. If the service can be used, it returns the following message: "[OK]"

### 1.7.2 Request message

#### 1.7.2.1 Example

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:rbp="http://rbp.hu/">
  <soap:Header/>
  <soap:Body>

```

```

    <rbp:CheckAlive/>
  </soap:Body>
</soap:Envelope>

```

### 1.7.3 Response message

#### 1.7.3.1 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <CheckAliveResponse xmlns="http://rbp.hu">
      <CheckAliveResult> [OK] </CheckAliveResult>
    </CheckAliveResponse>
  </s:Body>
</s:Envelope>

```

## 2 Primary capacity market

### 2.1 Financial limit account management

#### 2.1.1 Business environment

For auctions running over RBP, when a bid is submitted, the system checks, in the case if it has been set by the TSO, whether the specific Network User has the financial limit required to satisfy the bid towards the TSO (s) involved in the deal. A certain proportion of the bidding fee will be deducted from the financial limit. In order for the TSO to manage the limit values in conjunction with its own account management system, a financial limit management interface has been established.

#### 2.1.2 Setting the starting credit (UploadFinanceCredit)

Service provided for TSOs.

##### 2.1.2.1 Description

TSO may regularly update the limit values for contracted Network Users. Upon receiving the message RBP overwrites the Starting Credit value of the Network Users in the message by the value provided in the message. Limit values are also updated during running auctions if any UploadFinanceCredit message for the Network User is received so that the limit can be reduced even below the amount blocked by the running auction (s).

##### 2.1.2.2 Request message

The request message contains the EIC code of the submitting TSO, its limit currency, a unique identifier, and the limit values for the Network Users.

##### 2.1.2.2.1 Structure

XML Tag	Type	Description
tso-eic	String(16)	EIC code of the submitting TSO

<b>currency</b>	String(3)	Foreign currency of submitted starting financial limit. It must match the TSO's currency set on RBP.
<b>eic</b>	String(16)	Network User EIC code
<b>amount</b>	Decimal	Startup Credit for Network User
<b>comment</b>	String(500)	Comment to the Network User's financial limit account

#### 2.1.2.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:finCredUpload_request>
      <rbp:tso-eic>21X-HU-A-A0A0A-8</rbp:tso-eic>
      <rbp:currency>HUF</rbp:currency>
      <rbp:shippers>
        <rbp:shipper>
          <rbp:eic>39XTEST-NU-001-F</rbp:eic>
          <rbp:amount>10000000</rbp:amount>
          <rbp:comment>starting credit</rbp:comment>
        </rbp:shipper>
      </rbp:shippers>
      <rbp:shippers>
        <rbp:shipper>
          <rbp:eic>39XTEST-NU-002-C</rbp:eic>
          <rbp:amount>10000000</rbp:amount>
          <rbp:comment>starting credit</rbp:comment>
        </rbp:shipper>
      </rbp:shippers>
    </rbp:finCredUpload_request>
  </soapenv:Body>
</soapenv:Envelope>
```

#### 2.1.2.3 Response message

##### 2.1.2.3.1 Structure

XML Tag	Type	Description
<b>sender-eic</b>	String(16)	EIC code of the TSO submitting message
<b>shipper-eic</b>	String(16)	Network User EIC code
<b>shipper-amount</b>	Decimal(28,12)	Starting Credit of the Network User
<b>processing-time</b>	DateTime	Message Processing Date/Time
<b>shipper-status</b>	String(100)	Status of Starting Credit Setting for Network User <ul style="list-style-type: none"> <li>• OK: correct data</li> <li>• Error message with error code</li> </ul>
<b>status</b>	String(100)	Message processing Status of the Starting Credit Setting, <ul style="list-style-type: none"> <li>• OK: All data are correct</li> <li>• WARN: head data is correct but there is a Network User with error</li> <li>• Error message with error code</li> </ul>

### 2.1.2.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <finCredUpload_response xmlns="http://rbp.hu">
      <sender-eic>21X-HU-A-A0A0A-8</sender-eic>
      <shippers-ack>
        <shipper-ack>
          <shipper-eic >39XTEST-NU-001-F</shipper-eic >
          <shipper-amount >1500</shipper-amount >
          <processing-time >2018-02-28T12:09:22Z</processing-time >
          <shipper-status >OK</shipper-status >
        </shipper-ack>
      </shippers-ack>
      <status>SUCCESS</status>
    </finCredUpload_response>
  </s:Body>
</s:Envelope>
```

### 2.1.2.4 Error codes

Errorcode	Errormessage
CL0001	Active financial limit account for the network user '{0}' cannot be found at the TSO '{1}'.
CL0002	The financial limit for the network user '{0}' is suspended at the TSO '{1}'.
CL0005	The provided starting credit value is invalid {0}!
CL0006	The given network user EIC code is invalid {0}!
CL0008	Managing financial limits are only available for TSOs!
CL0009	The requested currency is different from the TSO's currency!
CL0010	Network user EIC {0} duplication in the request!
CL0013	The starting credit is not given in the request!

## 2.1.3 Setting the starting credit V2 (UploadFinanceCreditV2)

Service provided for TSOs.

### 2.1.3.1 Description

Version 2 of starting credit setting service, this chapter only describes the differences compared to UploadFinanceCredit.

### 2.1.3.2 Request message

#### 2.1.3.2.1 Structure

XML Tag	Type	Description
account-code	String(100)	Network user financial limit account identification

#### 2.1.3.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:finCredUpload_requestV2>
      <rbp:tso-eic>21X-HU-A-A0A0A-8</rbp:tso-eic>
      <rbp:currency>HUF</rbp:currency>
    </rbp:finCredUpload_requestV2>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <rbp:shippers>
      <rbp:shipper>
        <rbp:eic>39XTEST-NU-001-F</rbp:eic>
        <rbp:amount>10000000</rbp:amount>
        <rbp:account-code>21Z000000000236Q </rbp:account-code>
        <rbp:comment>starting credit</rbp:comment>
      </rbp:shipper>
    </rbp:shippers>
    <rbp:shippers>
      <rbp:shipper>
        <rbp:eic>39XTEST-NU-001-F</rbp:eic>
        <rbp:amount>10000000</rbp:amount>
        <rbp:account-code />
        <rbp:comment>starting credit</rbp:comment>
      </rbp:shipper>
    </rbp:shippers>
  </rbp:finCredUpload_requestV2>
</soapenv:Body>
</soapenv:Envelope>

```

### 2.1.3.3 Response message

#### 2.1.3.3.1 Structure

XML Tag	Type	Description
<b>shipper-account</b>	String(100)	Network user financial limit account identification

#### 2.1.3.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <finCredUpload_responseV2 xmlns="http://rbp.hu">
      <sender-eic>21X-HU-A-A0A0A-8</sender-eic>
      <shippers-ack>
        <shipper-ack>
          <shipper-eic >39XTEST-NU-001-F</shipper-eic >
          <shipper-amount >1500</shipper-amount >
          <shipper-account >21Z000000000236Q</shipper-account >
          <processing-time >2018-02-28T12:09:22Z</processing-time >
          <shipper-status >OK</shipper-status >
        </shipper-ack>
      </shippers-ack>
      <status>SUCCESS</status>
    </finCredUpload_responseV2>
  </s:Body>
</s:Envelope>

```

### 2.1.4 Setting the starting credit V3 (UploadFinanceCreditV3)

Service provided for TSOs.

#### 2.1.4.1 Description

Version 3 of starting credit setting service, this chapter only describes the differences compared to UploadFinanceCredit.

#### 2.1.4.2 Request message

##### 2.1.4.2.1 Structure

XML Tag	Type	Description
<b>risk-category</b>	String(200)	Network user risk category identification

### 2.1.4.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:finCredUpload_requestV3>
      <rbp:tso-eic>21X-HU-A-A0A0A-8</rbp:tso-eic>
      <rbp:currency>HUF</rbp:currency>
      <rbp:shippers>
        <rbp:shipper>
          <rbp:eic>39XTEST-NU-001-F</rbp:eic>
          <rbp:amount>10000000</rbp:amount>
          <rbp:account-code>21Z000000000236Q </rbp:account-code>
          <rbp:comment>starting credit</rbp:comment>
        </rbp:shipper>
      </rbp:shippers>
      <rbp:shippers>
        <rbp:shipper>
          <rbp:eic>39XTEST-NU-001-F</rbp:eic>
          <rbp:amount>10000000</rbp:amount>
          <rbp:account-code />
          <rbp:comment>starting credit</rbp:comment>
          <rbp:risk-category>C</rbp:risk-category>
        </rbp:shipper>
      </rbp:shippers>
    </rbp:finCredUpload_requestV3>
  </soapenv:Body>
</soapenv:Envelope>
```

### 2.1.4.3 Response message

#### 2.1.4.3.1 Structure

#### 2.1.4.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <finCredUpload_responseV2 xmlns="http://rbp.hu">
      <sender-eic>21X-HU-A-A0A0A-8</sender-eic>
      <shippers-ack>
        <shipper-ack>
          <shipper-eic >39XTEST-NU-001-F</shipper-eic >
          <shipper-amount >1500</shipper-amount >
          <shipper-account >21Z000000000236Q</shipper-account >
          <processing-time >2018-02-28T12:09:22Z</processing-time >
          <shipper-status >OK</shipper-status >
        </shipper-ack>
      </shippers-ack>
      <status>OK</status>
    </finCredUpload_responseV2>
  </s:Body>
</s:Envelope>
```

## 2.1.5 Release Limit Locking (UploadCreditRelease)

Service provided for TSOs.

### 2.1.5.1 Description

TSO may release locked financial limit items of the contracted Network Users for the auctions. Upon receiving the message RBP releases the locked limit items of the Network Users listed in it for the given auctions. When processing the message, the derived values are re-calculated.

### 2.1.5.2 Request message

The request message contains the EIC code of the submitting TSO, the limit currency, a unique identifier, and the limit values for Network Users.

The request message contains the EIC code of the submitting TSO and lists the locked financial amounts that are to be released. To identify such a locking, we use the Network User's EIC code and the code of the auction.

#### 2.1.5.2.1 Structure

XML Tag	Type	Description
<b>tso-eic</b>	String(16)	EIC code of the submitting TSO
<b>eic</b>	String(16)	Network User EIC code
<b>auctionName</b>	String(200)	Auction code to which the locking applies.
<b>comment</b>	String(400)	Comment on release of the locked item. It is mandatory.

#### 2.1.5.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:finCredSuspendReleaseUpload_request>
      <rbp:shipper_credits>
        <rbp:shipper_credit>
          <rbp:eic>39XTEST-NU-001-F</rbp:eic>
          <rbp:auctionName>01234567-RBP</rbp:auctionName>
          <rbp:comment>Test comment</rbp:comment>
        </rbp:shipper_credit>
      </rbp:shipper_credits>
      <rbp:tso-eic>39XTEST-TSO-01-I</rbp:tso-eic>
    </rbp:finCredSuspendReleaseUpload_request>
  </soapenv:Body>
</soapenv:Envelope>
```

### 2.1.5.3 Response message

#### 2.1.5.3.1 Structure

XML Tag	Type	Description
<b>credit_status</b>	String(100)	Status of message processing for financial limit locking release <ul style="list-style-type: none"> <li>OK: All data is correct</li> <li>WARN: head data are correct but there is a Network User who has an error</li> <li>Error message with error code</li> </ul>
<b>sender-eic</b>	String(200)	EIC code of the TSO submitting message
<b>EicCode</b>	String(16)	Network User EIC code
<b>AuctionName</b>	String(200)	Auction code for which the release took place

<b>ProcessingTime</b>	DateTime	Message Processing Time
<b>Status</b>	String(100)	Status of release of locked limit item <ul style="list-style-type: none"> <li>• OK: correct data</li> <li>• Error message with error code</li> </ul>

### 2.1.5.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <finCredSuspendReleaseUpload_response xmlns="http://rbp.hu">
      <credit_status>SUCCESS</credit_status>
      <org-request-id?></org-request-id>
      <sender-eic>39XTEST-TSO-01-L </sender-eic>
      <shipper-creditsack>
        <shipper-creditack>
          <EicCode>39XTEST-NU-001-F</EicCode>
          <AuctionName>01234567-RBP </AuctionName>
          <ProcessingTime>2018-02-28T10:55:44Z</ProcessingTime>
          <Status>OK</Status>
        </shipper-creditack>
      </shipper-creditsack>
    </finCredSuspendReleaseUpload_response>
  </s:Body>
</s:Envelope>
```

### 2.1.5.4 Error codes

Errorcode	Errormessage
<b>CL0006</b>	The given network user EIC code is invalid {0}!
<b>CL0007</b>	The comment filed is required!
<b>CL0008</b>	Managing financial limits are only available for TSOs!
<b>CL0010</b>	Network user EIC {0} duplication in the request!
<b>CL0011</b>	The financial limit lock identified by Network user {0} and auction {1} has already been released!
<b>CL0012</b>	The Network user EIC is required!
<b>CL0014</b>	The requested currency is invalid ({0})!

## 2.2 Capacity offering

### 2.2.1 Business environment

TSOs can offer their capacities for auctioning through the established services. By using the web service, the TSO can pre-upload the capacity quantities and price data of its capacity products. The offered capacities will be matched based on the given product properties to the relevant auction group, based on which the related auctions will be created.

2.2.2 Capacity upload via EDIGAS webservice interface (LoadOfferedCapacity)  
Service provided for TSOs.



### 2.2.2.1 Description

TSOs can upload the quantity and price data of their capacity products via the EDIGAS webservice interface.

### 2.2.2.2 Request message

In the request message, the TSOs will provide the quantity and pricedata for their capacity products in accordance with the EDIGAS standard.

RBP supports the following OfferedCapacity\_Document versions:

- **urn:easeegas.eu:edigas:capacitytrading:offeredcapacitydocument:5:1:3**
- **urn:easeegas.eu:edigas:capacitytrading:offeredcapacitydocument:5:1:5**

#### 2.2.2.2.1 OfferedCapacity\_Document 5.1.3

The message corresponds to the template:

**urn:easeegas.eu:edigas:capacitytrading:offeredcapacitydocument:5:1:3.**

Please note that the official EDIG@S schema version used by our platform contains a typo. You must provide the value of the Small Price Step in the following element:

```
<xs:element name="smallStep_Characreristic.sequence" type="xs:string"
minOccurs="0" maxOccurs="1" sawsdl:modelReference="http://easee-
gas.eu/Edigas/2014/edigas-schema#Characteristic.sequence"/>
```

#### 2.2.2.2.1.1 Deviations from EDIG@S:

- The value of the currency.code can be PCT, in this case, the values of the largeStep\_Price.amount and smallStep\_Characreristic.sequence fields are treated by the system as percentage values and not as absolute values given in a foreign currency.
- The following fields have been added to the schema:
  - yearlyUnbundledCapacityLimit.quantity.amount
  - offerLevelId
  - auctionPremiumBasis.amount
- The following fields are mandatory according to the template, but RBP does not use the values in them:
  - contractReference
  - booked\_Quantity.amount
  - bookablePointIdentification
  - auction\_Characteristic.sequence

#### 2.2.2.2.1.2 Structure

XML Tag	Type	Description
<b>LoadOfferedCapacityRequest</b>		Wrapper tag containing the EDIGAS message.

### 2.2.2.2.1.3 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:LoadOfferedCapacityRequest>
      <rbp:Request>
        <OfferedCapacity_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
          xmlns:xsd="http://www.w3.org/2001/XMLSchema"
          release=""
          xmlns="urn:easeegas.eu:edigas:capacitytrading:offeredcapacitydocument:5:1:3">
          <identification>f2642161caa54141bc18ea2308f9d4c7</identification>
          <version>1</version>
          <type>AMV</type>
          <validityPeriod>2017-08-14T04:00Z/2020-11-09T04:00Z</validityPeriod>
          <issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</issuer_MarketParticipant.identification>
          <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
          <recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-
A0A0A-8</recipient_MarketParticipant.identification>
          <recipient_MarketParticipant.marketRole.code>ZUJ</recipient_MarketParticipant.marketRole.code>
          <applicationContext codingScheme="305">21X-HU-A-A0A0A-8</applicationContext>
          <ProductIdentification_Document>
            <contractReference>N/A</contractReference>
            <contractType>ZSD</contractType>
            <tsoContract_Reference.identification/>
            <booked_Quantity.amount>0</booked_Quantity.amount>
            <maxBid_Rate.value>75</maxBid_Rate.value>
          <additionalText_Reason.text>bundled test</additionalText_Reason.text>
          <ConnectionPoint>
            <identification codingScheme="305">21Z000000000236Q</identification>
            <bookablePointIdentification
codingScheme="305">21Z000000000236Q</bookablePointIdentification>
            <product_TimeSeries.SpanPeriod>ZEJ</product_TimeSeries.SpanPeriod>
            <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
            <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
            <capacityType.code>ZEO</capacityType.code>
            <currency.code>PCT</currency.code>
            <currency.exchangeRate>0</currency.exchangeRate>
            <availability.type>Z06</availability.type>
            <to_MarketArea.area codingScheme="305"/>39XTEST-TSO-01-
L</to_MarketArea.area>
            <from_MarketArea.area codingScheme="305">21X-HU-A-A0A0A-
8</from_MarketArea.area>
            <to_Tso_MarketParticipant.identification codingScheme="305"/>39XTEST-
TSO-01-L</to_Tso_MarketParticipant.identification>
            <from_Tso_MarketParticipant.identification codingScheme="305">21X-HU-
A-A0A0A-8</from_Tso_MarketParticipant.identification>
          <auction_Characteristic.sequence>N/A</auction_Characteristic.sequence>
          <reserve_Price.amount>0.111000000000</reserve_Price.amount>
          <largeStep_Price.amount>24.000000000000</largeStep_Price.amount>
          <smallStep_Characreristic.sequence>2.000000000000
        </smallStep_Characreristic.sequence>
          <period.timeInterval>2018-10-01T04:00Z/2019-10-
01T04:00Z</period.timeInterval>
          <period.quantity.amount>666</period.quantity.amount>
          <period.quantity.type>ZXO</period.quantity.type>
          <yearlyUnbundledCapacityLimit.quantity.amount>1000</yearlyUnbundledCapacityLimit.quantity.amount>
          <offerLevelId>1</offerLevelId>
          <Cost_Price>
            <amount>17</amount>
            <type>Z02</type>
          </Cost_Price>
          </ConnectionPoint>
        </ProductIdentification_Document>
        <status.code>62G</status.code>
      </OfferedCapacity_Document>
    </rbp:Request>
  </rbp:LoadOfferedCapacityRequest>
</soapenv:Body>
</soapenv:Envelope>
```

```

        </OfferedCapacity_Document>
    </rbp:Request>
</rbp:LoadOfferedCapacityRequest>
</soapenv:Body>
</soapenv:Envelope>

```

#### 2.2.2.2.2 OfferedCapacity\_Document 5.1.5

The message corresponds to the template:

**urn:easeegas.eu:edigas:capacitytrading:offeredcapacitydocument:5:1:5.**

##### 2.2.2.2.2.1 Deviations from EDIG@S:

- The value of the currency.code can be PCT, in this case, the values of the largeStep\_Price.amount and smallStep\_Price.amount fields are treated by the system as percentage values and not as absolute values given in a foreign currency.
- The following fields have been added to the schema:
  - yearlyUnbundledCapacityLimit.quantity.amount
  - offerLevelId
  - auctionPremiumBasis.amount
- The document may provide DZK1 through DZK15 as StandardAvailabilityTypes
- The following fields are mandatory according to the template, but RBP does not use the values in them:
  - contractReference
  - booked\_Quantity.amount
  - bookablePointIdentification
  - auction\_Characteristic.sequence
- The document may accept all measure units supported by EDIG@S (KW1, KW2 restriction no longer exists)

##### 2.2.2.2.2.2 Structure

XML Tag	Type	Description
<b>LoadOfferedCapacityRequest</b>		Wrapper tag containing the EDIGAS message.

##### 2.2.2.2.2.3 Example

```

<?xml version="1.0" encoding="utf-8"?>
<OfferedCapacity_Document release="release1" xmlns="urn:easee-
gas.eu:edigas:capacitytrading:offeredcapacitydocument:5:1:5">
  <identification>f2642161caa54141bc18ea2308f9d4c7</identification>
  <version>1</version>
  <type>AMV</type>
  <creationDateTime>2019-05-31T06:59:15.2883651Z</creationDateTime>
  <validityPeriod>2019-08-14T04:00Z/2020-11-09T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</recipient_MarketParticipant.identification>

  <recipient_MarketParticipant.marketRole.code>ZUJ</recipient_MarketParticipant.marketRole.code>
  <applicationContext codingScheme="305">21X-HU-A-A0A0A-8</applicationContext>
  <ProductIdentification_Document>

```

```

<contractReference>111_1</contractReference>
<contractType>ZSD</contractType>
<tsoContract_Reference.identification/>
<booked_Quantity.amount>0</booked_Quantity.amount>
<maxBid_Rate.value>75</maxBid_Rate.value>
<additionalText_Reason.text>bundled test</additionalText_Reason.text>
<ConnectionPoint>
  <identification codingScheme="305">21Z000000000236Q</identification>
  <bookablePointIdentification
codingScheme="305">21Z000000000236Q</bookablePointIdentification>
  <product_TimeSeries.SpanPeriod>ZEJ</product_TimeSeries.SpanPeriod>
  <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
  <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
  <capacityType.code>ZEO</capacityType.code>
  <currency.code>PCT</currency.code>
  <currency.exchangeRate>1</currency.exchangeRate>
  <availability.type>Z06</availability.type>
  <to_MarketArea.area codingScheme="305">39XTEST-TSO-01-I</to_MarketArea.area>
  <from_MarketArea.area codingScheme="305">21X-HU-A-A0A0A-8</from_MarketArea.area>
  <to_Tso_MarketParticipant.identification codingScheme="305">39XTEST-TSO-01-
I</to_Tso_MarketParticipant.identification>
  <from_Tso_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</from_Tso_MarketParticipant.identification>
  <auction_Characteristic.sequence>N/A</auction_Characteristic.sequence>
  <reserve_Price.amount>0.111000000000</reserve_Price.amount>
  <auctionPremiumBasis.amount>0.111000000000</auctionPremiumBasis.amount>
  <largeStep_Price.amount>24.000000000000</largeStep_Price.amount>
  <smallStep_Price.amount>2.000000000000</smallStep_Price.amount>
  <period.timeInterval>2020-10-01T04:00Z/2021-10-01T04:00Z</period.timeInterval>
  <period.quantity.amount>1485451.000000</period.quantity.amount>
  <period.quantity.type>ZXO</period.quantity.type>
  <Cost_Price>
    <amount>17</amount>
    <type>Z02</type>
  </Cost_Price>

<yearlyUnbundledCapacityLimit.quantity.amount>1000</yearlyUnbundledCapacityLimit.quantity.amount>
  <offerLevelId>1</offerLevelId>
</ConnectionPoint>
</ProductIdentification_Document>
<ProductIdentification_Document>
  <contractReference>111_2</contractReference>
  <contractType>ZSD</contractType>
  <tsoContract_Reference.identification/>
  <booked_Quantity.amount>0</booked_Quantity.amount>
  <maxBid_Rate.value>75</maxBid_Rate.value>
  <additionalText_Reason.text>offeredCapacity document test</additionalText_Reason.text>
  <ConnectionPoint>
    <identification codingScheme="305">21Z000000000236Q</identification>
    <bookablePointIdentification
codingScheme="305">21Z000000000236Q</bookablePointIdentification>
    <product_TimeSeries.SpanPeriod>ZEJ</product_TimeSeries.SpanPeriod>
    <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
    <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
    <capacityType.code>ZEO</capacityType.code>
    <currency.code>PCT</currency.code>
    <currency.exchangeRate>1</currency.exchangeRate>
    <availability.type>Z06</availability.type>
    <to_MarketArea.area codingScheme="305">39XTEST-TSO-01-I</to_MarketArea.area>
    <from_MarketArea.area codingScheme="305">21X-HU-A-A0A0A-8</from_MarketArea.area>
    <to_Tso_MarketParticipant.identification codingScheme="305">39XTEST-TSO-01-
I</to_Tso_MarketParticipant.identification>
    <from_Tso_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</from_Tso_MarketParticipant.identification>
    <auction_Characteristic.sequence>N/A</auction_Characteristic.sequence>
    <reserve_Price.amount>0.909136200000</reserve_Price.amount>
    <auctionPremiumBasis.amount>0.909136200000</auctionPremiumBasis.amount>
    <largeStep_Price.amount>24.000000000000</largeStep_Price.amount>
    <smallStep_Price.amount>2.000000000000</smallStep_Price.amount>
    <period.timeInterval>2021-10-01T04:00Z/2022-10-01T04:00Z</period.timeInterval>
    <period.quantity.amount>1485451.000000</period.quantity.amount>

```

```

    <period.quantity.type>ZXO</period.quantity.type>
    <Cost_Price>
      <amount>17</amount>
      <type>Z02</type>
    </Cost_Price>

<yearlyUnbundledCapacityLimit.quantity.amount>1000</yearlyUnbundledCapacityLimit.quantity.amount>
  <offerLevelId>1</offerLevelId>
  </ConnectionPoint>
</ProductIdentification_Document>
  <status.code>62G</status.code>
</OfferedCapacity_Document>

```

### 2.2.2.3 Response message

Response message matches EDIGAS standard.

The message corresponds to the template:

**urn:easeegas.eu:edigas:general:acknowledgementdocument:5:1.**

#### 2.2.2.3.1 Structure

XML Tag	Type	Description
<b>LoadOfferedCapacityResponse</b>		Wrapper tag containing the EDIGAS message.

#### 2.2.2.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <LoadOfferedCapacityResponse xmlns="http://rbp.hu">
      <Return>
        <Acknowledgement_Document xmlns="
urn:easeegas.eu:edigas:general:acknowledgementdocument:5:1">
          <identification>2e201f22428f47gga8200eebb5984a78</identification>
          <version>1</version>
          <type>294</type>
          <creationDateTime>2018-03-06T09:14:02.3703343Z</creationDateTime>
          <validityPeriod>2018-03-06T08:44Z/2018-03-06T09:44Z</validityPeriod>
          <issuer_MarketParticipant.identification codingScheme="305"> 21X-HU-A-A0A0A-
8</issuer_MarketParticipant.identification>

          <issuer_MarketParticipant.marketRole.code>ZUJ</issuer_MarketParticipant.marketRo
le.code>
          <recipient_MarketParticipant.identification codingScheme="305">39XTEST-TSO-01-L
</recipient_MarketParticipant.identification>

          <recipient_MarketParticipant.marketRole.code>ZSO</recipient_MarketParticipant.ma
rketRole.code>

          <receiving_Document.identification>f2642161ggj54141bc18ea2308f9d4c7</receiving_D
ocument.identification>
          <receiving_Document.version>1</receiving_Document.version>
          <receiving_Document.type>AMV</receiving_Document.type>
          <receiving_Document.creationDateTime>2018-03-
06T09:14:02.3703343Z</receiving_Document.creationDateTime>
          <Reason>
            <code>01G</code>
          </Reason>
        </Acknowledgement_Document>
      </Return>
    </LoadOfferedCapacityResponse>
  </s:Body>
</s:Envelope>

```

```

        </Acknowledgement_Document>
    </Return>
</LoadOfferedCapacityResponse>
</s:Body>
</s:Envelope>

```

#### 2.2.2.4 Error codes

Errorcode	Errormessage
<b>E0035</b>	Schema validation error!
<b>EC0001</b>	The document version is invalid. It has to be between 1 and 999 and has to be greater than any of the previously submitted documents' version of the same identification.
<b>EC0003</b>	The message validity period is not valid!
<b>EC0008</b>	Recipient_MarketParticipant.Identification CodingScheme can only be "305".
<b>EC0009</b>	Recipient_MarketParticipant.MarketRole.Code can only be "ZUJ".
<b>EC0010</b>	Recipient_MarketParticipant.Identification invalid EIC code.
<b>EC0015</b>	The Quantity_MeasureUnit.Code and the Price_MeasureUnit.Code fields must be the same!
<b>OC0004</b>	Not existing TSO EIC code!
<b>OC0005</b>	Not existing product type!
<b>OC0006</b>	The content of the Gasperiod field is invalid!
<b>OC0007</b>	The Gasperiod and/or the Gasperiod to fields are not filled in!
<b>OC0008</b>	The specified Gasperiod is not matching the Gasperiod type!
<b>OC0009</b>	Network point does not exist!
<b>OC0010</b>	The network point is not valid throughout the validity period of the offered capacity!
<b>OC0011</b>	The specified network point is not assigned to the TSO!
<b>OC0012</b>	The availability type is invalid!
<b>OC0013</b>	The transportation type is invalid!
<b>OC0014</b>	The offered capacity's auction unit is invalid!
<b>OC0015</b>	The offered capacity is invalid, the offered capacity needs to be integer between 0 and 2,147,483,647!
<b>OC0016</b>	The reserver price is invalid!
<b>OC0017</b>	The price type fields are invalid!
<b>OC0018</b>	Capacity type does not exist!
<b>OC0019</b>	Cannot offer bundled capacity on a domestic network point!
<b>OC0023</b>	The start period cannot be later than the end period.
<b>OC0025</b>	The Product type field is required!
<b>OC0026</b>	The Gasperiod field is required!
<b>OC0027</b>	Network point field is required!
<b>OC0028</b>	The availability type field is required!
<b>OC0029</b>	The transportation type field is required!
<b>OC0030</b>	The capacity type field is required!
<b>OC0031</b>	The auction unit field is required!
<b>OC0032</b>	The offered capacity field is required!
<b>OC0033</b>	The reserver price field is required!

<b>OC0034</b>	The same capacity cannot be offered twice!
<b>OC0035</b>	The value of the price step must be higher than 0.
<b>OC0036</b>	Uploading capacity to a past period is not allowed!
<b>OC0037</b>	Large price step cannot be divided by small price step
<b>OC0040</b>	At least Exit TSO or Entry TSO must be given!
<b>OC0041</b>	ExchangeRate field must be a number and has to be higher than zero!
<b>OC0043</b>	Both Exit TSO and Entry TSO is required if the offered capacity is unbundled and the point is interconnection point!
<b>OC0044</b>	The Exit and the Entry TSO cannot be the same!
<b>OC0045</b>	The bid limit can only contain a numeric value. (0< bid limit <=100) {0}
<b>OC0046</b>	TSO can only offer its own capacity (TSO: {0})!
<b>OC0047</b>	The TSO field is missing!
<b>OC0048</b>	The yearly unbundled capacity limit is invalid, it needs to be an integer between 0 and 2,147,483,647!
<b>OC0049</b>	The offer level id is invalid, it needs to be an integer between 0 and 2,147,483,647!
<b>OC0050</b>	Yearly unbundled capacity limit can only be specified for yearly firm bundled products!

### 2.2.3 Capacity offered (UploadCapacityAndTariff)

Service provided for TSOs.

#### 2.2.3.1 Description

By using the web service, the TSO may pre-upload the capacity quantity and price data regarding its capacity products.

#### 2.2.3.2 Request message

In the request message, the respective capacity quantity and price data are provided.

Submitting the capacity flow direction shall be done as described in the chapter "Specifying the Direction of Offered Capacity".

##### 2.2.3.2.1 Submitting periods

Product usage period can be specified as yearly, quarterly, monthly, day ahead, withinday and gas hours using the productName field. For open season, strip and gas hour interval, a start and a closing period should be given by joint completion of the productName and productToName fields.

Examples:

- Yearly: 2016/2017
- Quarterly: 2016/2017 Q1
- Monthly: 2016/2017 OCT
- Day ahead: 10.01. for Entry TSO from view of capacity flow direction involved in auction 2016.
- Withinday: 10.01-012016.
- Gashour: 10.01-01GH 2016.
- OpenSeason, strip: productName: 10.01.2016., productToName: 10.05.2016..
- Gashour interval: productName: 10.01.2016- 01GH., productToName: 10.012016-05GH

### 2.2.3.2.2 Structure

XML Tag	Type	Description
<b>tsoEicCode</b>	String(16)	EIC code of TSO offering capacity
<b>eicCode</b>	String(16)	EIC code of the network point involved in capacity offering
<b>exitTSOEicCode</b>	String(16)	EIC code of Exit TSO from view of flow direction of capacity involved in the capacity offering
<b>entryTSOEicCode</b>	String(16)	EIC code of Entry TSO from view of flow direction of capacity involved in the capacity offering
<b>productType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>productName</b>	String(100)	Offered capacity period
<b>productToName</b>	String(100)	End of Offered capacity period
<b>capacityQuality</b>	String(100)	Capacity Quality Value set according to the Capacity Quality Code library (Code field).
<b>gasFlow</b>	String(100)	Trade direction Value set according to Trading Direction Code library (Code Field).
<b>capacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field)
<b>measureUnit</b>	String(100)	Offered capacity measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>capacityValue</b>	Int32	Offered capacity
<b>reservePrice</b>	Decimal(28,12)	Reserve price
<b>auctionPremiumBasis</b>	Decimal(28,12)	Auction premium basis
<b>absoluteLargePriceStep</b>	Decimal(28,12)	Large price step (to be filled with an absolute value auction). It is only in the case of ascending clock.
<b>absoluteSmallPriceStep</b>	Decimal(28,12)	Small price step (to be filled with an absolute value auction). It is only in the case of ascending clock .
<b>relativeLargePriceStep</b>	Decimal(28,12)	Big price step (complete in percentage value auction). It is only in the case of ascending clock .
<b>relativeSmallPriceStep</b>	Decimal(28,12)	Small price step (fill in percentage value auction). It is only in the case of ascending clock .
<b>exchangeRate</b>	Decimal(28,12)	Exchange rate
<b>maxNUBidRate</b>	Decimal(5,2)	Bid Limit rate (%)
<b>additionalText</b>	String(256)	Comment

### 2.2.3.2.3 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope">
```



```

        xmlns:rbp="http://rbp.hu">
<soapenv:Header/>
<soapenv:Body>
  <rbp:uploadCapacityAndTariff>
    <rbp:capacityAndTariffDataList>
      <rbp:capacityAndTariffData>
        <rbp:tsoEicCode>21X-HU-A-A0A0A-8</rbp:tsoEicCode>
        <rbp:eicCode>21Z00000000236Q</rbp:eicCode>
        <rbp:exitTSOEicCode>21X-HU-A-A0A0A-8</rbp:exitTSOEicCode>
        <rbp:entryTSOEicCode>39XTEST-TSO-01-I</rbp:entryTSOEicCode>
        <rbp:productType>Yearly</rbp:productType>
        <rbp:productName>2016/2017</rbp:productName>
        <rbp:productToName></rbp:productToName>
        <rbp:capacityQuality>FIRM</rbp:capacityQuality>
        <rbp:gasFlow>Physical</rbp:gasFlow>
        <rbp:capacityType>Bundled</rbp:capacityType>
        <rbp:measureUnit>KW1</rbp:measureUnit>
        <rbp:capacityValue>666</rbp:capacityValue>
        <rbp:reservePrice>10</rbp:reservePrice>
        <rbp:auctionPremiumBasis>0</rbp:auctionPremiumBasis>
        <rbp:absoluteLargePriceStep>20</rbp:absoluteLargePriceStep>
        <rbp:absoluteSmallPriceStep>4</rbp:absoluteSmallPriceStep>
        <rbp:relativeLargePriceStep>10</rbp:relativeLargePriceStep>
        <rbp:relativeSmallPriceStep>2</rbp:relativeSmallPriceStep>
        <rbp:exchangeRate>1</rbp:exchangeRate>
        <rbp:maxNUBidRate>10</rbp:maxNUBidRate>
        <rbp:additionalText>Test</rbp:additionalText>
      </rbp:capacityAndTariffData>
    </rbp:capacityAndTariffDataList>
  </rbp:uploadCapacityAndTariff>
</soapenv:Body>
</soapenv:Envelope>

```

### 2.2.3.3 Response message

The response message is empty when creating is successful.

#### 2.2.3.3.1 Structure

XML Tag	Type	Description
<b>uploadCapacityAndTariffResponse</b>		Wrapper tag

#### 2.2.3.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <uploadCapacityAndTariffResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>

```

### 2.2.3.4 Error codes

Errorcode	Errormessage
<b>OC0004</b>	Not existing TSO EIC code!
<b>OC0005</b>	Not existing product type!
<b>OC0006</b>	The content of the Gasperiod field is invalid!
<b>OC0007</b>	The Gasperiod and/or the Gasperiod to fields are not filled in!
<b>OC0008</b>	The specified Gasperiod is not matching the Gasperiod type!

<b>OC0009</b>	Network point does not exist!
<b>OC0010</b>	The network point is not valid throughout the validity period of the offered capacity!
<b>OC0011</b>	The specified network point is not assigned to the TSO!
<b>OC0012</b>	The availability type is invalid!
<b>OC0013</b>	The transportation type is invalid!
<b>OC0014</b>	The offered capacity's auction unit is invalid!
<b>OC0015</b>	The offered capacity is invalid, the offered capacity needs to be integer between 0 and 2,147,483,647!
<b>OC0016</b>	The reserver price is invalid!
<b>OC0017</b>	The price type fields are invalid!
<b>OC0018</b>	Capacity type does not exist!
<b>OC0019</b>	Cannot offer bundled capacity on a domestic network point!
<b>OC0023</b>	The start period cannot be later than the end period.
<b>OC0025</b>	The Product type field is required!
<b>OC0026</b>	The Gasperiod field is required!
<b>OC0027</b>	Network point field is required!
<b>OC0028</b>	The availability type field is required!
<b>OC0029</b>	The transportation type field is required!
<b>OC0030</b>	The capacity type field is required!
<b>OC0031</b>	The auction unit field is required!
<b>OC0032</b>	The offered capacity field is required!
<b>OC0033</b>	The reserve price field is required!
<b>OC0034</b>	The same capacity cannot be offered twice!
<b>OC0035</b>	The value of the price step must be higher than 0.
<b>OC0036</b>	Uploading capacity to a past period is not allowed!
<b>OC0037</b>	Large price step cannot be divided by small price step
<b>OC0040</b>	At least Exit TSO or Entry TSO must be given!
<b>OC0041</b>	ExchangeRate field must be a number and has to be higher than zero!
<b>OC0043</b>	Both Exit TSO and Entry TSO is required if the offered capacity is unbundled and the point is interconnection point!
<b>OC0044</b>	The Exit and the Entry TSO cannot be the same!
<b>OC0045</b>	The bid limit can only contain a numeric value. (0< bid limit <=100) {0}
<b>OC0046</b>	TSO can only offer its own capacity (TSO: {0})!
<b>OC0047</b>	The TSO field is missing!

#### 2.2.4 Capacity offered V2 (UploadCapacityAndTariffV2)

Service provided for TSOs.

### 2.2.4.1 Description

Version 2 of capacity offering service, this chapter only describes the differences compared to UploadCapacityAndTariff.

### 2.2.4.2 Request message

#### 2.2.4.2.1 Structure

XML Tag	Type	Description
<b>offerLevelId</b>	Int32	Offer level id for incremental auctions
<b>yearlyUnbundledCapacityLimit</b>	Int32	Yearly unbundled capacity limit for bundled capacities

#### 2.2.4.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:uploadCapacityAndTariffV2>
      <rbp:capacityAndTariffDataList>
        <rbp:capacityAndTariffData>
          <rbp:tsoEicCode>21X-HU-A-A0A0A-8</rbp:tsoEicCode>
          <rbp:eicCode>21Z000000000236Q</rbp:eicCode>
          <rbp:exitTSOEicCode>21X-HU-A-A0A0A-8</rbp:exitTSOEicCode>
          <rbp:entryTSOEicCode>39XTEST-TSO-01-L</rbp:entryTSOEicCode>
          <rbp:productType>Yearly</rbp:productType>
          <rbp:productName>2016/2017</rbp:productName>
          <rbp:productToName></rbp:productToName>
          <rbp:capacityQuality>FIRM</rbp:capacityQuality>
          <rbp:gasFlow>Physical</rbp:gasFlow>
          <rbp:capacityType>Bundled</rbp:capacityType>
          <rbp:measureUnit>KW1</rbp:measureUnit>
          <rbp:capacityValue>666</rbp:capacityValue>
          <rbp:reservePrice>10</rbp:reservePrice>
          <rbp:auctionPremiumBasis>0</rbp:auctionPremiumBasis>
          <rbp:absoluteLargePriceStep>20</rbp:absoluteLargePriceStep>
          <rbp:absoluteSmallPriceStep>4</rbp:absoluteSmallPriceStep>
          <rbp:relativeLargePriceStep>10</rbp:relativeLargePriceStep>
          <rbp:relativeSmallPriceStep>2</rbp:relativeSmallPriceStep>
          <rbp:exchangeRate>1</rbp:exchangeRate>
          <rbp:maxNUBidRate>10</rbp:maxNUBidRate>
          <rbp:additionalText>Test</rbp:additionalText>
          <rbp:offerLevelId>1</rbp:offerLevelId>
          <rbp:yearlyUnbundledCapacityLimit>1000</rbp:yearlyUnbundledCapacityLimit>
        </rbp:capacityAndTariffData>
      </rbp:capacityAndTariffDataList>
    </rbp:uploadCapacityAndTariffV2>
  </soapenv:Body>
</soapenv:Envelope>
```

### 2.2.4.3 Error codes

Errorcode	Errormessage
<b>OC0048</b>	The yearly unbundled capacity limit is invalid, it needs to be an integer between 0 and 2,147,483,647!
<b>OC0049</b>	The offer level id is invalid, it needs to be an integer between 0 and 2,147,483,647!
<b>OC0050</b>	Yearly unbundled capacity limit can only be specified for yearly firm bundled products!

## 2.2.5 Capacity offered V3 (UploadCapacityAndTariffV3)

Service provided for TSOs/SSOs.

### 2.2.5.1 Description

Version 3 of capacity offering service, this chapter only describes the differences compared to UploadCapacityAndTariffV2.

### 2.2.5.2 Request message

#### 2.2.5.2.1 Structure

XML Tag	Type	Description
<b>injectionQuantity</b>	Int32	Injection quantity (Z02)
<b>injectionMeasureUnit</b>	String(100)	Injection capacity measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>injectionEndDate</b>	DateTime	Injection interval end date
<b>injectionStartDate</b>	DateTime	Injection interval start date
<b>storageCapacityQuantity</b>	Int32	Working Volume (Z01)
<b>storageCapacityMeasureUnit</b>	String(100)	Working volume measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>withdrawalQuantity</b>	Int32	Withdrawal quantity (Z03)
<b>withdrawalMeasureUnit</b>	String(100)	Withdrawal capacity measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>withdrawalEndDate</b>	DateTime	Withdrawal interval end date
<b>withdrawalStartDate</b>	DateTime	Withdrawal interval start date

#### 2.2.5.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:uploadCapacityAndTariffV3>
      <rbp:capacityAndTariffDataList>
        <rbp:capacityAndTariffData>
          <rbp:tsoEicCode>21X-HU-A-A0A0A-8</rbp:tsoEicCode>
          <rbp:eicCode>21Z000000000236Q</rbp:eicCode>
          <rbp:productType>Strip</rbp:productType>
          <rbp:productName>2022.04.16.</rbp:productName>
          <rbp:productToName>2023.03.31.</rbp:productToName>
          <rbp:capacityQuality>FIRM</rbp:capacityQuality>
          <rbp:gasFlow>Physical</rbp:gasFlow>
          <rbp:capacityType>Unbundled</rbp:capacityType>
          <rbp:measureUnit>BDL</rbp:measureUnit>
          <rbp:capacityValue>100</rbp:capacityValue>
          <rbp:reservePrice>0.3109</rbp:reservePrice>
          <rbp:auctionPremiumBasis>0</rbp:auctionPremiumBasis>
          <rbp:absoluteLargePriceStep />
          <rbp:absoluteSmallPriceStep />
          <rbp:relativeLargePriceStep />
          <rbp:relativeSmallPriceStep />
          <rbp:storageCapacityQuantity>1000</rbp:storageCapacityQuantity>
          <rbp:storageCapacityMeasureUnit>MWH</rbp:storageCapacityMeasureUnit>
          <rbp:injectionQuantity>1000</rbp:injectionQuantity>
        </rbp:capacityAndTariffData>
      </rbp:capacityAndTariffDataList>
    </rbp:uploadCapacityAndTariffV3>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        <rbp:injectionMeasureUnit>MWH</rbp:injectionMeasureUnit>
        <rbp:injectionStartDate>2022-04-16</rbp:injectionStartDate>
        <rbp:injectionEndDate>2022-10-15</rbp:injectionEndDate>
        <rbp:withdrawalQuantity>1000</rbp:withdrawalQuantity>
        <rbp:withdrawalMeasureUnit>MWH</rbp:withdrawalMeasureUnit>
        <rbp:withdrawalStartDate>2022-11-01</rbp:withdrawalStartDate>
        <rbp:withdrawalEndDate>2023-03-31</rbp:withdrawalEndDate>
    </rbp:capacityAndTariffData>
</rbp:capacityAndTariffDataList>
</rbp:uploadCapacityAndTariffV3>
</soapenv:Body>
</soapenv:Envelope>

```

## 2.2.1 Capacity offered V4 (UploadCapacityAndTariffV4)

Service provided for TSOs/SSOs.

### 2.2.1.1 Description

Version 4 of capacity offering service, this chapter only describes the differences compared to UploadCapacityAndTariffV3.

### 2.2.1.2 Request message

#### 2.2.1.2.1 Structure

XML Tag	Type	Description
<b>minimumPrice</b>	Decimal(28,12)	Minimum price for Ascending- Descending Clock auctions
<b>tsoEicCode</b>	String(16)	EIC code of TSO offering capacity
<b>operatorEicCode</b>	String(16)	EIC code of Operator offering capacity

#### 2.2.1.2.2 Example

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <uploadCapacityAndTariffV4 xmlns="http://rbp.hu">
      <capacityAndTariffDataList>
        <capacityAndTariffData>
          <operatorEicCode>21X-HU-A-A0A0A-8</operatorEicCode>
          <eicCode>21W0000000000860</eicCode>
          <productType>DAYAHEAD</productType>
          <productName>2023.11.17.</productName>
          <capacityQuality>FIRM</capacityQuality>
          <gasFlow>Physical</gasFlow>
          <capacityType>Unbundled</capacityType>
          <measureUnit>BDL</measureUnit>
          <capacityValue>800</capacityValue>
          <reservePrice>100</reservePrice>
          <storageCapacityQuantity>10</storageCapacityQuantity>
          <storageCapacityMeasureUnit>KW1</storageCapacityMeasureUnit>
          <absoluteLargePriceStep xsi:nil="true"/>
          <absoluteSmallPriceStep xsi:nil="true"/>
          <relativeLargePriceStep>10</relativeLargePriceStep>
          <relativeSmallPriceStep xsi:nil="true"/>
          <minimumPrice>10</minimumPrice>
        </capacityAndTariffData>
      </capacityAndTariffDataList>
    </uploadCapacityAndTariffV4>
  </soapenv:Body>
</soapenv:Envelope>

```

```

        </capacityAndTariffData>
    </capacityAndTariffDataList>
</uploadCapacityAndTariffV4>
</soapenv:Body>
</soapenv:Envelope>

```

## 2.3 Auction results

### 2.3.1 Business environment

By using the services related to the auction results query, TSOs and Network Users can receive information about currently running auctions and on the results of completed auctions.

### 2.3.2 Query Auction data (GetAuctions)

Service provided for TSOs and Network Users.

#### 2.3.2.1 Description

The purpose of the service is to allow the Network User to have all the information about the auctions it is participating in and for the TSO to see the bids submitted for the running auction.

This service may be used by Network Users who have the right to submit bids. Response messages will only include those auctions or bids where the user is either participating or may participate and have already started, but have not yet closed and are not between two bidding rounds. And in case of TSOs, response messages will only include those auctions and offers in which the TSO is involved and which have already started but are not yet closed and are not between two bidding rounds.

Please note that as of 2020.05.15. this service will not support balancing groups. The field **balancingGroupValues** values will always be empty.

#### 2.3.2.2 Request message

The request message does not have an input parameter.

##### 2.3.2.2.1 Structure

XML Tag	Type	Description
<b>getAuctions</b>		Wrapper tag

##### 2.3.2.2.2 Example

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:getAuctions>
    </rbp:getAuctions>
  </soapenv:Body>
</soapenv:Envelope>

```

#### 2.3.2.3 Response message

In the response message, it retrieves for the Network Users the bids that are bids submitted for active auctions. If there is no bid submitted on an active auction, the auction is still listed in the retrieval list, but without bid information.

### 2.3.2.3.1 Structure

XML Tag	Type	Description
<b>auctionName</b>	String(200)	Auction code
<b>capacityPointName</b>	String(100)	Name of the network point involved in the auction
<b>eic</b>	String(16)	EIC code of the network point involved in the auction
<b>exitTso</b>	String(200)	The name of Exit TSO from view of capacity flow direction involved in auction
<b>entryTso</b>	String(200)	Name of Entry TSO from view of capacity flow direction involved in auction
<b>exitTsoEic</b>	String(16)	EIC code of Exit TSO from view of the capacity flow direction involved in auction
<b>entryTsoEic</b>	String(16)	EIC code for Entry TSO from view of capacity flow direction involved in auction
<b>productType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>productName</b>	String(100)	Capacity period
<b>productQuality</b>	String(100)	Capacity quality Value set according to the Capacity Quality Code library (Code field). <b>Please note that in case the productQuality is different on the Exit- and Entry side this field will contain only one of those values! Please see GetAuctionsV3</b>
<b>capacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>gasFlow</b>	String(100)	Trade direction Value set according to Trading Direction Code library (Code Field).
<b>reservePrice</b>	Decimal(28,12)	Reserve price In case of bundled auctions the prices are always displayed in the order ExitTSO / EntryTSO.
<b>auctionPremiumBasis</b>	Decimal(28,12)	Auction premium basis
<b>capacityOffered</b>	Int32	Quantity of offered capacity
<b>price</b>	String(100)	Auction premium In case of absolute value: in auction currency In case of percentage: percentage value Only in case of uniform price auctions.
<b>priceStep</b>	Decimal(28,12)	Actual auction premium In case of absolute value: in auction currency In case of percentage: percentage value Only in case of ascending clock auctions.
<b>lps</b>	Decimal(28,12)	Actual large price step
<b>sps</b>	Decimal(28,12)	Current small price step
<b>bidQuantity</b>	Int32	Bid amount
<b>measureUnit</b>	String(100)	Capacity measurement unit

<b>auctionPremiumType</b>	String(100)	Price step form
<b>maxBidQuantity</b>	Int32	Bid limit
<b>balancingGroupValues</b>	List	List of balancing group information (see table below) <b>Deprecated from 2020.05.15</b>
<b>concernedTsoEic</b>	String(16)	Offering TSO's EIC Code, only for unbundled interconnect point
<b>concernedTSOName</b>	String(200)	Name of offering TSO, only for unbundled interconnect point

#### Balancing group information (**Deprecated from 2020.05.15**)

XML Tag	Type	Description
<b>tso</b>	String(200)	Name of TSO for which the allocation took place
<b>tsoEic</b>	String(16)	EIC code of TSO for which the allocation took place
<b>balancingGroupName</b>	String(200)	Name of the balancing group
<b>memberName</b>	String(200)	Name of the balancing group member
<b>quantity</b>	Int32	Distributed quantity

#### 2.3.2.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getAuctionsResponse xmlns="http://zbp.hu">
      <return>
        <actaBids>
          <bid>
            <auctionName>12345678-RBP</auctionName>
            <capacityPointName>Baumgarten EUS - GCA</capacityPointName>
            <eic>BAUMGARTEEUSGCA1</eic>
            <exitTso>FGSZ Zrt.</exitTso>
            <entryTso>Partner TSO</entryTso>
            <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
            <entryTsoEic>39XTEST-TSO-01-L</entryTsoEic>
            <productType>DAYAHEAD</productType>
            <productName>2018.11.15.</productName>
            <productQuality>FIRM</productQuality>
            <capacityType>Bundled</capacityType>
            <gasFlow>Physical</gasFlow>
            <reservePrice>1000 HUF / 3 EUR</reservePrice>
            <capacityOffered>3000</capacityOffered>
            <lps>10.000000000000</lps>
            <sps>2.000000000000</sps>
            <measureUnit>kWh/h</measureUnit>
            <bidQuantity>3</bidQuantity>
            <auctionPremiumType>Percentage</auctionPremiumType>
            <maxBidQuantity>1260</maxBidQuantity>
          </bid>
        </actaBids>
        <uptaBids>
          <bid>
            <auctionName>12345679-RBP</auctionName>
            <capacityPointName>FGSZ Belső pont 9</capacityPointName>
            <eic>39ZVETELJCS17009</eic>
            <exitTso>FGSZ Zrt.</exitTso>
            <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
            <productType>YEARLY</productType>
            <productName>2018/2019</productName>
            <productQuality>FIRM</productQuality>
            <capacityType>Unbundled</capacityType>
          </bid>
        </uptaBids>
      </return>
    </getAuctionsResponse>
  </s:Body>
</s:Envelope>

```



```

    <gasFlow>Physical</gasFlow>
    <reservePrice>44,31 HUF</reservePrice>
    <capacityOffered>10000</capacityOffered>
    <price>5.000000000000</price>
    <bidQuantity>10</bidQuantity>
    <measureUnit>kWh/h</measureUnit>
    <auctionPremiumType>AbsoluteValue</auctionPremiumType>
  </bid>
</uptaBids>
<proRataBids>
  <bid>
    <auctionName>12345680-RBP</auctionName>
    <capacityPointName>Negru Voda 2,3 (RO)/Kardam (BG)</capacityPointName>
    <eic>21Z00000000160X</eic>
    <exitTso>Partner TSO Exit</exitTso>
    <entryTso>Partner TSO Entry</entryTso>
    <exitTsoEic>39XTEST-TSO-01-L</exitTsoEic>
    <entryTsoEic>39XTEST-TSO-02-I</entryTsoEic>
    <concernedTsoName>Partner TSO Exit</concernedTsoName>
    <concernedTsoEic>39XTEST-TSO-01-L</concernedTsoEic>
    <productType>YEARLY</productType>
    <productName>2018/2019</productName>
    <productQuality>FIRM</productQuality>
    <capacityType>Unbundled</capacityType>
    <gasFlow>Physical</gasFlow>
    <reservePrice>10 RON / 4,19 BGN</reservePrice>
    <capacityOffered>101</capacityOffered>
    <bidQuantity>15</bidQuantity>
    <measureUnit>kWh/h</measureUnit>
  </bid>
</proRataBids>
</return>
</getAuctionsResponse>
</s:Body>
</s:Envelope>

```

### 2.3.3 Query Auction data V2 (GetAuctionsV2 - Phased out from 2020.05.15)

Service provided for TSOs and Network Users.

**Please note that as of 2020.05.15, this service will be phased out.**

#### 2.3.3.1 Description

Version 2 of querying auction data service, this chapter only describes the differences compared to GetAuctions.

#### 2.3.3.2 Response message

##### 2.3.3.2.1 Structure

XML Tag	Type	Description
<b>offerLevelId</b>	Int32	Offer level id for incremental auctions
<b>auctionCharacteristics</b>	String(16)	Auction characteristics Value set according to the Auction characteristics code library (Code field).

##### 2.3.3.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getAuctionsResponseV2 xmlns="http://rbp.hu">

```

```

<return>
  <actaBids>
    <bid>
      <auctionName>12345678-RBP</auctionName>
      <capacityPointName>Baumgarten EUS - GCA</capacityPointName>
      <eic>BAUMGARTEEUSGCA1</eic>
      <exitTso>FGSZ Zrt.</exitTso>
      <entryTso>Partner TSO</entryTso>
      <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
      <entryTsoEic>39XTEST-TSO-01-L</entryTsoEic>
      <productType>DAYAHEAD</productType>
      <productName>2018.11.15.</productName>
      <productQuality>FIRM</productQuality>
      <capacityType>Bundled</capacityType>
      <gasFlow>Physical</gasFlow>
      <reservePrice>1000 HUF / 3 EUR</reservePrice>
      <capacityOffered>3000</capacityOffered>
      <lps>10.000000000000</lps>
      <sps>2.000000000000</sps>
      <measureUnit>kWh/h</measureUnit>
      <bidQuantity>3</bidQuantity>
      <auctionPremiumType>Percentage</auctionPremiumType>
      <maxBidQuantity>1260</maxBidQuantity>
      <auctionCharacteristics>Normal</auctionCharacteristics>
    </bid>
  </actaBids>
  <uptaBids>
    <bid>
      <auctionName>12345679-RBP</auctionName>
      <capacityPointName>FGSZ Belső pont 9</capacityPointName>
      <eic>39ZVETELJCS17009</eic>
      <exitTso>FGSZ Zrt.</exitTso>
      <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
      <productType>YEARLY</productType>
      <productName>2018/2019</productName>
      <productQuality>FIRM</productQuality>
      <capacityType>Unbundled</capacityType>
      <gasFlow>Physical</gasFlow>
      <reservePrice>44,31 HUF</reservePrice>
      <capacityOffered>10000</capacityOffered>
      <price>5.000000000000</price>
      <bidQuantity>10</bidQuantity>
      <measureUnit>kWh/h</measureUnit>
      <auctionPremiumType>AbsoluteValue</auctionPremiumType>
      <auctionCharacteristics>Normal</auctionCharacteristics>
    </bid>
  </uptaBids>
  <proRataBids>
    <bid>
      <auctionName>12345680-RBP</auctionName>
      <capacityPointName>Negru Voda 2,3 (RO)/Kardam (BG)</capacityPointName>
      <eic>21Z000000000160X</eic>
      <exitTso>Partner TSO Exit</exitTso>
      <entryTso>Partner TSO Entry</entryTso>
      <exitTsoEic>39XTEST-TSO-01-L</exitTsoEic>
      <entryTsoEic>39XTEST-TSO-02-I</entryTsoEic>
      <concernedTsoName>Partner TSO Exit</concernedTsoName>
      <concernedTsoEic>39XTEST-TSO-01-L</concernedTsoEic>
      <productType>YEARLY</productType>
      <productName>2018/2019</productName>
      <productQuality>FIRM</productQuality>
      <capacityType>Unbundled</capacityType>
      <gasFlow>Physical</gasFlow>
      <reservePrice>10 RON / 4,19 BGN</reservePrice>
      <capacityOffered>101</capacityOffered>
      <bidQuantity>15</bidQuantity>
      <measureUnit>kWh/h</measureUnit>
      <auctionCharacteristics>Normal</auctionCharacteristics>
      <offerLevelId>1</offerLevelId>
    </bid>
  </proRataBids>

```

```

        </return>
    </getAuctionsResponseV2>
</s:Body>
</s:Envelope>

```

## 2.3.4 Query Auction data V3 (GetAuctionsV3)

Service provided for TSOs and Network Users.

### 2.3.4.1 Description

Version 3 of querying auction data service, this chapter only describes the differences compared to GetAuctions.

### 2.3.4.2 Response message

#### 2.3.4.2.1 Structure

Bid informations

XML Tag	Type	Description
<b>offerLevelId</b>	Int32	Offer level id for incremental auctions
<b>auctionCharacteristics</b>	String(16)	Auction characteristics Value set according to the Auction characteristics code library (Code field).
<b>productQuality</b>		<b>Phased out</b>
<b>productQualityExitTSO</b>	String(100)	Product quality of the Exit TSO  Value set according to the Capacity quality code library
<b>productQualityEntryTSO</b>	String(100)	Product quality of the Entry TSO Value set according to the Capacity quality code library
<b>balancingGroupValues</b>		<b>Phased out</b>
<b>balancingGroupCodeExitTSO</b>	String(200)	Code of the balancing group at the Exit TSO
<b>balancingGroupCodeEntryTSO</b>	String(200)	Code of the balancing group at the Entry TSO
<b>capacityConversions</b>	List	List of capacity conversion information (see table below)
<b>capacityUpgrades</b>	List	List of capacity upgrade information (see table below)

Capacity conversion information (capacityConversion):

XML Tag	Type	Description
<b>tsoEic</b>	String(100)	EIC code of TSO approving capacity conversion request
<b>unbundledContractId</b>	String(100)	Unbundled capacity related contract

		identifier
<b>unbundledProductType</b>	String(200)	Product type of capacity involved in conversion request
<b>startGasDay</b>	DateTime	Start Gas Day of the conversion
<b>startGasHour</b>	Int32	Start Gas Hour of the conversion
<b>endGasDay</b>	DateTime	End Gas Day of the conversion
<b>endGasHour</b>	Int32	End Gas Hour of the conversion
<b>validityStart</b>	DateTime	Start of Conversion
<b>validityEnd</b>	DateTime	End of Conversion
<b>conversionQuantity</b>	Int32	Capacity Conversion quantity
<b>status</b>	String(100)	Capacity conversion request status Submitted, ApprovalNeeded, Rejected or Approved
<b>capacityConversionBalancingGroups</b>	List	List of capacity conversion balancing group information (see table below)

Capacity conversion's Balancing group informations (capacityConversionBalancingGroup):

XML Tag	Type	Description
<b>balancingGroupCode</b>	String(100)	Code of the balancing group connecting to the converted capacity
<b>balancingGroupQuantity</b>	Decimal(28,12)	Distributed quantity

Capacity upgrade informations:

XML Tag	Type	Description
<b>tsoEic</b>	String(100)	EIC code of TSO related to the capacity upgrade
<b>interruptibleContractId</b>	String(100)	Contract identification
<b>upgradeQuantity</b>	Decimal(28,12)	Upgraded quantity
<b>capacityUpgradeBalancingGroups</b>	List	List of capacity upgrade balancing group information (see table below)

Capacity upgrade Balancing group informations (capacityUpgradeBalancingGroup):

XML Tag	Type	Description
<b>balancingGroupCode</b>	String(100)	Code of the balancing group connecting to the upgraded capacity
<b>balancingGroupQuantity</b>	Decimal(28,12)	Distributed quantity

#### 2.3.4.2.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```

xmlns:xsd="http://www.w3.org/2001/XMLSchema">
<getAuctionsResponseV3 xmlns="http://rbp.hu">
  <return>
    <actaBids>
      <bid>
        <auctionName>12345678-RBP</auctionName>
        <capacityPointName>Baumgarten</capacityPointName>
        <eic>BAUMGARTEUSGCA1</eic>
        <exitTso>FGSZ Zrt.</exitTso>
        <entryTso>Partner TSO</entryTso>
        <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
        <productQualityExitTSO>FIRM</productQualityExitTSO>
        <entryTsoEic>39XTEST-TSO-01-L</entryTsoEic>
        <productQualityEntryTSO>FIRM</productQualityEntryTSO>
        <productType>YEARLY</productType>
        <productName>2019/2020</productName>
        <capacityType>Bundled</capacityType>
        <gasFlow>Physical</gasFlow>
        <reservePrice>1000 HUF / 3 EUR</reservePrice>
        <capacityOffered>3000</capacityOffered>
        <lps>10.000000000000</lps>
        <sps>2.000000000000</sps>
        <measureUnit>kWh/h</measureUnit>
        <bidQuantity>700</bidQuantity>
        <auctionPremiumType>Percentage</auctionPremiumType>
        <maxBidQuantity>1260</maxBidQuantity>
        <auctionCharacteristics>Normal</auctionCharacteristics>
        <offerLevelId>1</offerLevelId>
        <balancingGroupCodeExitTSO>Balancing1234</balancingGroupCodeExitTSO>
        <balancingGroupCodeEntryTSO>Balancing5678</balancingGroupCodeEntryTSO>
        <capacityConversions>
          <capacityConversion>
            <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
            <unbundledContractId>MyContract_0001</unbundledContractId>
            <unbundledProductType>DAYAHEAD</unbundledProductType>
            <conversionQuantity>700</conversionQuantity>
            <startGasDay>2019-10-01</startGasDay>
            <startGasHour>1</startGasHour>
            <endGasDay>2020-09-30</endGasDay>
            <endGasHour>24</endGasHour>
            <validityStart>2019-10-01T04:00:00Z</validityStart>
            <validityEnd>2020-10-01T04:00:00Z</validityEnd>
            <status>Submitted</status>
            <capacityConversionBalancingGroups>
              <capacityConversionBalancingGroup>
                <balancingGroupCode>Balancing1234</balancingGroupCode>
                <balancingGroupQuantity>500</balancingGroupQuantity>
              </capacityConversionBalancingGroup>
              <capacityConversionBalancingGroup>
                <balancingGroupCode>Balancing1449</balancingGroupCode>
                <balancingGroupQuantity>200</balancingGroupQuantity>
              </capacityConversionBalancingGroup>
            </capacityConversionBalancingGroups>
          </capacityConversion>
        </capacityConversions>
        <capacityUpgrades>
          <capacityUpgrade>
            <tsoEIC>21X-HU-A-A0A0A-8</tsoEIC>
            <interruptibleContractId>MyContract_0001</interruptibleContractId>
            <upgradeQuantity>700</upgradeQuantity>
            <capacityUpgradeBalancingGroups>
              <capacityUpgradeBalancingGroup>
                <balancingGroupCode>Balancing1234</balancingGroupCode>
                <balancingGroupQuantity>200</balancingGroupQuantity>
              </capacityUpgradeBalancingGroup>
              <capacityUpgradeBalancingGroup>
                <balancingGroupCode>Balancing1449</balancingGroupCode>
                <balancingGroupQuantity>500</balancingGroupQuantity>
              </capacityUpgradeBalancingGroup>
            </capacityUpgradeBalancingGroups>
          </capacityUpgrade>
        </capacityUpgrades>
      </bid>
    </actaBids>
  </return>
</getAuctionsResponseV3>

```

```

        </capacityUpgrade>
    </capacityUpgrades>
</bid>
</actaBids>
<uptaBids>
    <bid>
        <auctionName>12345679-RBP</auctionName>
        <capacityPointName>FGSZ Belsó pont 9</capacityPointName>
        <eic>39ZVETELJCS17009</eic>
        <exitTso>FGSZ Zrt.</exitTso>
        <productQualityExitTSO>FIRM</productQualityExitTSO>
        <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
        <productType>YEARLY</productType>
        <productName>2020/2021</productName>
        <capacityType>Unbundled</capacityType>
        <gasFlow>Physical</gasFlow>
        <reservePrice>44,31 HUF</reservePrice>
        <capacityOffered>10000</capacityOffered>
        <price>5.000000000000</price>
        <bidQuantity>1000</bidQuantity>
        <measureUnit>kWh/h</measureUnit>
        <auctionPremiumType>AbsoluteValue</auctionPremiumType>
        <auctionCharacteristics>Normal</auctionCharacteristics>
        <balancingGroupCodeExitTSO>Balancing1234</balancingGroupCodeExitTSO>
        <capacityConversions>
            <capacityConversion>
                <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
                <unbundledContractId>MyContract_0003</unbundledContractId>
                <unbundledProductType>YEARLY</unbundledProductType>
                <conversionQuantity>700</conversionQuantity>
                <startGasDay>2020-10-01</startGasDay>
                <startGasHour>1</startGasHour>
                <endGasDay>2021-09-30</endGasDay>
                <endGasHour>24</endGasHour>
                <validityStart>2020-10-01T04:00:00Z</validityStart>
                <validityEnd>2021-10-01T04:00:00Z</validityEnd>
                <status>Submitted</status>
                <capacityConversionBalancingGroups>
                    <capacityConversionBalancingGroup>
                        <balancingGroupCode>Balancing1234</balancingGroupCode>
                        <balancingGroupQuantity>600</balancingGroupQuantity>
                    </capacityConversionBalancingGroup>
                    <capacityUpgradeBalancingGroup>
                        <balancingGroupCode>Balancing5648</balancingGroupCode>
                        <balancingGroupQuantity>100</balancingGroupQuantity>
                    </capacityUpgradeBalancingGroup>
                </capacityConversionBalancingGroups>
            </capacityConversion>
        </capacityConversions>
        <capacityUpgrades>
            <capacityUpgrade>
                <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
                <interruptibleContractId>MyContract_0001</interruptibleContractId>
                <upgradeQuantity>700</upgradeQuantity>
                <capacityUpgradeBalancingGroups>
                    <capacityUpgradeBalancingGroup>
                        <balancingGroupCode>Balancing1234</balancingGroupCode>
                        <balancingGroupQuantity>400</balancingGroupQuantity>
                    </capacityUpgradeBalancingGroup>
                    <capacityUpgradeBalancingGroup>
                        <balancingGroupCode>Balancing5648</balancingGroupCode>
                        <balancingGroupQuantity>300</balancingGroupQuantity>
                    </capacityUpgradeBalancingGroup>
                </capacityUpgradeBalancingGroups>
            </capacityUpgrade>
        </capacityUpgrades>
    </bid>
</uptaBids>
<proRataBids>
    <bid>

```

```

<auctionName>12345680-RBP</auctionName>
<capacityPointName>Negru Voda 2,3 (RO)/Kardam (BG)</capacityPointName>
<eic>21Z000000000160X</eic>
<exitTso>Partner TSO Exit</exitTso>
<productQualityExitTSO>FIRM</productQualityExitTSO>
<entryTso>Partner TSO Entry</entryTso>
<exitTsoEic>39XTEST-TSO-01-L</exitTsoEic>
<entryTsoEic>39XTEST-TSO-02-I</entryTsoEic>
<concernedTsoName>Partner TSO Exit</concernedTsoName>
<concernedTsoEic>39XTEST-TSO-01-L</concernedTsoEic>
<productType>YEARLY</productType>
<productName>2021/2022</productName>
<capacityType>Unbundled</capacityType>
<gasFlow>Physical</gasFlow>
<reservePrice>10 RON / 4,19 BGN</reservePrice>
<capacityOffered>101</capacityOffered>
<bidQuantity>1500</bidQuantity>
<measureUnit>kWh/h</measureUnit>
<auctionCharacteristics>Normal</auctionCharacteristics>
<balancingGroupCodeExitTSO>Balancing1234</balancingGroupCodeExitTSO>
<capacityConversions>
  <capacityConversion>
    <tsoEic>39XTEST-TSO-01-L</tsoEic>
    <unbundledContractId>MyContract_0001</unbundledContractId>
    <unbundledProductType>YEARLY</unbundledProductType>
    <conversionQuantity>700</conversionQuantity>
    <startGasDay>2021-10-01</startGasDay>
    <startGasHour>1</startGasHour>
    <endGasDay>2022-09-30</endGasDay>
    <endGasHour>24</endGasHour>
    <validityStart>2021-10-01T04:00:00Z</validityStart>
    <validityEnd>2022-10-01T04:00:00Z</validityEnd>
    <status>Submitted</status>
    <capacityConversionBalancingGroups>
      <capacityConversionBalancingGroup>
        <balancingGroupCode>Balancing1234</balancingGroupCode>
        <balancingGroupQuantity>400</balancingGroupQuantity>
      </capacityConversionBalancingGroup>
      <capacityConversionBalancingGroup>
        <balancingGroupCode>Balancing4567</balancingGroupCode>
        <balancingGroupQuantity>200</balancingGroupQuantity>
      </capacityConversionBalancingGroup>
    </capacityConversionBalancingGroups>
  </capacityConversion>
</capacityConversions>
<capacityUpgrades>
  <capacityUpgrade>
    <tsoEic>39XTEST-TSO-01-L</tsoEic>
    <interruptibleContractId>MyContract_0002</interruptibleContractId>
    <upgradeQuantity>600</upgradeQuantity>
    <capacityUpgradeBalancingGroups>
      <capacityUpgradeBalancingGroup>
        <balancingGroupCode>Balancing1234</balancingGroupCode>
        <balancingGroupQuantity>400</balancingGroupQuantity>
      </capacityUpgradeBalancingGroup>
      <capacityConversionBalancingGroup>
        <balancingGroupCode>Balancing4567</balancingGroupCode>
        <balancingGroupQuantity>200</balancingGroupQuantity>
      </capacityConversionBalancingGroup>
    </capacityUpgradeBalancingGroups>
  </capacityUpgrade>
</capacityUpgrades>
</bid>
</proRataBids>
</return>
</getAuctionsResponseV3>
</s:Body>
</s:Envelope>

```

### 2.3.5 Query Auction data V4 (GetAuctionsV4)

Service provided for TSOs and Network Users.

#### 2.3.5.1 Description

Version 4 of querying auction data service, this chapter only describes the differences compared to GetAuctions.

#### 2.3.5.2 Response message

##### 2.3.5.2.1 Structure

Bid informations

XML Tag	Type	Description
<b>minQuantity</b>	Int32	Minimum acceptable quantity in the case of uniform price

##### 2.3.5.2.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getAuctionsResponseV4 xmlns="http://rbp.hu">
      <return>
        <actaBids />
        <uptaBids>
          <bid>
            <auctionName>12345679-RBP</auctionName>
            <capacityPointName>FGSZ Belső pont 9</capacityPointName>
            <eic>39ZVETELJCS17009</eic>
            <exitTso>FGSZ Zrt.</exitTso>
            <productQualityExitTSO>FIRM</productQualityExitTSO>
            <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
            <productType>YEARLY</productType>
            <productName>2020/2021</productName>
            <capacityType>Unbundled</capacityType>
            <gasFlow>Physical</gasFlow>
            <reservePrice>44,31 HUF</reservePrice>
            <capacityOffered>10000</capacityOffered>
            <price>5.000000000000</price>
            <bidQuantity>1000</bidQuantity>
            <measureUnit>kWh/h</measureUnit>
            <auctionPremiumType>AbsoluteValue</auctionPremiumType>
            <minQuantity>350</minQuantity>
            <auctionCharacteristics>Normal</auctionCharacteristics>
            <balancingGroupCodeExitTSO>Balancing1234</balancingGroupCodeExitTSO>
            <capacityConversions />
            <capacityUpgrades />
          </bid>
        </uptaBids>
        <proRataBids />
      </return>
    </getAuctionsResponseV3>
  </s:Body>
</s:Envelope>
```

### 2.3.6 Query Auction data V5 (GetAuctionsV5)

Service provided for TSOs/SSOs and Network Users.



### 2.3.6.1 Description

Version 5 of querying auction data service, this chapter only describes the differences compared to GetAuctionsV4.

### 2.3.6.2 Response message

#### 2.3.6.2.1 Structure

Bid informations

XML Tag	Type	Description
<b>storageQuality</b>	String(100)	Product quality for storage capacities Value set according to the Capacity Quality Code library (Code field).
<b>injectionQuantity</b>	Int32	Injection quantity (Z02)
<b>injectionMeasureUnit</b>	String(100)	Injection capacity measuring unit Value set in accordance with the auction unit code library (Description).
<b>injectionEndDate</b>	DateTime	Injection interval end date
<b>injectionStartDate</b>	DateTime	Injection interval start date
<b>storageCapacityQuantity</b>	Int32	Working Volume (Z01)
<b>storageCapacityMeasureUnit</b>	String(100)	Working volume measuring unit Value set in accordance with the auction unit code library (Description).
<b>withdrawalQuantity</b>	Int32	Withdrawal quantity (Z03)
<b>withdrawalMeasureUnit</b>	String(100)	Withdrawal capacity measuring unit Value set in accordance with the auction unit code library (Description).
<b>withdrawalEndDate</b>	DateTime	Withdrawal interval end date
<b>withdrawalStartDate</b>	DateTime	Withdrawal interval start date

#### 2.3.6.2.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getAuctionsResponseV5 xmlns="http://rbp.hu">
      <return>
        <actaBids />
        <uptaBids>
          <bid>
            <auctionName>12345679-RBP</auctionName>
            <capacityPointName>Storage point</capacityPointName>
            <eic>39ZVETELJCS17009</eic>
            <storageQuality>FIRM</storageQuality>
            <productType>DAYAHEAD</productType>
            <productName>2021.10.11.</productName>
            <capacityType>Unbundled</capacityType>
            <gasFlow>Physical</gasFlow>
            <reservePrice>44,31 HUF</reservePrice>
            <capacityOffered>10000</capacityOffered>
            <price>5.000000000000</price>
          </bid>
        </uptaBids>
      </return>
    </getAuctionsResponseV5>
  </s:Body>
</s:Envelope>
```

```

        <bidQuantity>1000</bidQuantity>
        <measureUnit>Bundle</measureUnit>
        <auctionPremiumType>AbsoluteValue</auctionPremiumType>
        <minQuantity>350</minQuantity>
        <auctionCharacteristics>Storage</auctionCharacteristics>
        <storageCapacityQuantity>1000</storageCapacityQuantity>
        <storageCapacityMeasureUnit>MWh/d</storageCapacityMeasureUnit>
        <injectionQuantity>1000</injectionQuantity>
        <injectionMeasureUnit>MWh/d</injectionMeasureUnit>
        <injectionStartDate>2022-04-16T00:00:00</injectionStartDate>
        <injectionEndDate>2022-10-15T00:00:00</injectionEndDate>
        <withdrawalQuantity>1000</withdrawalQuantity>
        <withdrawalMeasureUnit>MWh/d</withdrawalMeasureUnit>
        <withdrawalStartDate>2022-11-01T00:00:00</withdrawalStartDate>
        <withdrawalEndDate>2023-03-31T00:00:00</withdrawalEndDate>
        <capacityConversions />
        <capacityUpgrades />
    </bid>
</uptaBids>
<proRataBids />
</return>
</getAuctionsResponseV5>
</s:Body>
</s:Envelope>

```

### 2.3.7 Auction results via EDIGAS webservice interface (GetAuctionResults)

Service provided for TSOs and NUs.

#### 2.3.7.1 Description

**Please note that this version of the service will return the version 5.1.4 of AuctionResults\_Document.**

TSOs can query the results of end-of-sale auctions via the EDIGAS webservice interface.

Also for TSOs, only the results of those auctions can be queried in which they are involved.

#### 2.3.7.2 Request message

In its request message, the caller party provides his/her own EIC code and the query time interval.

##### 2.3.7.2.1 Structure

XML Tag	Type	Description
<b>eicCode</b>	String(16)	Requesting Caller EIC
<b>from</b>	DateTime	Query Interval Start
<b>to</b>	DateTime	Query Interval End

##### 2.3.7.2.2 Example

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope">
  <soapenv:Header/>
  <soapenv:Body>
    <getAuctionResults xmlns="http://rbp.hu">
      <request>
        <eicCode>21X-HU-A-A0A0A-8</eicCode>
        <from>2019-09-01T04:00:00</from>
        <to>2019-10-01T04:00:00</to>
      </request>
    </getAuctionResults>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    </soapenv:Body>
</soapenv:Envelope>

```

### 2.3.7.3 Response message

The message corresponds to the template:

**urn:easeegas.eu:edigas:capacitytrading:auctionresultsdocument:5:1:4.**

If the query is initiated by TSO, the AuctionResultsDocument Type value will be ANT if it is by NU it will be ANA.

#### 2.3.7.3.1 Structure

XML Tag	Type	Description
<b>AuctionResultDocumentResponse</b>		Wrapper tag containing the EDIGAS message.

#### 2.3.7.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <AuctionResultsDocumentResponse xmlns="http://rbp.hu">
      <Return>
        <Documents>
          <AuctionResultsDocument>
            <identification>2fd8d0055b24e1db959d69c579f5263</identification>
            <version>1</version>
            <type>ANT</type>
            <creationDateTime>2018-03-03T16:18:30.8195985Z</creationDateTime>
            <validityPeriod>2018-02-22T05:00Z/2018-02-23T05:00Z</validityPeriod>
            <issuer_MarketParticipant.identification
codingScheme="305">AdminEicCode</issuer_MarketParticipant.identification>
            <issuer_MarketParticipant.marketRole.code>ZUJ</issuer_MarketParticipant.marketRole.code>
            <recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-8</recipient_MarketParticipant.identification>
            <recipient_MarketParticipant.marketRole.code>ZSO</recipient_MarketParticipant.marketRole.code>
            <contractReference>12345678-RBP</contractReference>
            <contractType>ZSD</contractType>
            <status.code>64G</status.code>
            <capacityType.code>ZEP</capacityType.code>
            <product_TimeSeries.SpanPeriod>ZEM</product_TimeSeries.SpanPeriod>
            <productTimeInterval_Period.timeInterval>2016-10-01T04:00Z/2016-10-02T04:00Z</productTimeInterval_Period.timeInterval>
            <connectionPoint.identification
codingScheme="305">39ZKAKOMAR01GNU</connectionPoint.identification>
            <connectionPoint.bookablePointIdentification
codingScheme="305">39ZKAKOMAR01GNU</connectionPoint.bookablePointIdentification>
            <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
            <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
            <currency.code>PCT</currency.code>
            <totalCapacityOffered_Quantity.amount>213408</totalCapacityOffered_Quantity.amount>
            <totalAllocated_Quantity.amount>500</totalAllocated_Quantity.amount>
            <clearing_Price.amount>100.000000000000</clearing_Price.amount>
            <FromTso_MarketParticipant>
              <identification codingScheme="305">21X-HU-A-A0A0A-8</identification>
              <availability.type>Z06</availability.type>
              <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
              <currency.code>HUF</currency.code>
              <currency.exchangeRate>0</currency.exchangeRate>
            </FromTso_MarketParticipant>
          </AuctionResultsDocument>
        </Documents>
      </Return>
    </AuctionResultsDocumentResponse>
  </s:Body>
</s:Envelope>

```

```

        <premium_Price.amount>0.000000000000</premium_Price.amount>
        <reserve_Price.amount>0</reserve_Price.amount>
    </FromTso_MarketParticipant>
    <auctionHeld_Period.timeInterval>2016-09-30T14:00Z/2016-09-
30T15:00Z</auctionHeld_Period.timeInterval>
    <BiddingRound_Characteristic>
        <sequence>1</sequence>
        <biddingRound_Price.amount>0</biddingRound_Price.amount>
        <totalCapacityBid_Quantity.amount>500</totalCapacityBid_Quantity.amount>
        <Bid_Document>
            <identification>29</identification>
            <version>1</version>
            <bid_MarketParticipant.identification codingScheme="305">39XTEST-NU-001-F
</bid_MarketParticipant.identification>
            <bid_Quantity.amount>500</bid_Quantity.amount>
            <min_Quantity.amount>0</min_Quantity.amount>
            <allocated_Quantity.amount>500</allocated_Quantity.amount>
            <bid_Price.amount>0</bid_Price.amount>
        <totalRequestedConversion_Quantity.amount>0</totalRequestedConversion_Quantity.amount>
        <status.code>64G</status.code>
        <bidRolledOver_Indication.indicator>01G</bidRolledOver_Indication.indicator>
    </Bid_Document>
    </BiddingRound_Characteristic>
</AuctionResultsDocument>
<AuctionResultsDocument>
    <identification>9db2595303664fecb459b1f4dff60802</identification>
    <version>1</version>
    <type>ANT</type>
    <creationDateTime>2018-03-03T16:18:30.8195985Z</creationDateTime>
    <validityPeriod>2018-02-22T05:00Z/2018-02-23T05:00Z</validityPeriod>
    <issuer_MarketParticipant.identification
codingScheme="305">AdminEicCode</issuer_MarketParticipant.identification>
    <issuer_MarketParticipant.marketRole.code>ZUJ</issuer_MarketParticipant.marketRole.code>
    <recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</recipient_MarketParticipant.identification>
    <recipient_MarketParticipant.marketRole.code>ZSO</recipient_MarketParticipant.marketRole.code>
    <contractReference>20000028-RBP</contractReference>
    <contractType>ZSD</contractType>
    <status.code>64G</status.code>
    <capacityType.code>ZEP</capacityType.code>
    <product_TimeSeries.SpanPeriod>ZEM</product_TimeSeries.SpanPeriod>
    <productTimeInterval_Period.timeInterval>2018-02-21T13:55Z/2018-02-
21T14:55Z</productTimeInterval_Period.timeInterval>
    <connectionPoint.identification
codingScheme="305">39ZMIHATVAN11GNC</connectionPoint.identification>
    <connectionPoint.bookablePointIdentification
codingScheme="305">39ZMIHATVAN11GNC</connectionPoint.bookablePointIdentification>
    <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
    <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
    <currency.code>HUF</currency.code>
    <currency.exchangeRate>0</currency.exchangeRate>
    <totalCapacityOffered_Quantity.amount>261826</totalCapacityOffered_Quantity.amount>
    <totalAllocated_Quantity.amount>50</totalAllocated_Quantity.amount>
    <largeStep_Price.amount>0</largeStep_Price.amount>
    <smallStep_Price.amount>0</smallStep_Price.amount>
    <clearing_Price.amount>100.000000000000</clearing_Price.amount>
    <ToTso_MarketParticipant>
        <identification codingScheme="305"/>
        <availability.type>Z06</availability.type>
        <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
        <currency.code>HUF</currency.code>
        <currency.exchangeRate>0</currency.exchangeRate>
        <premium_Price.amount>0.000000000000</premium_Price.amount>
        <reserve_Price.amount>0</reserve_Price.amount>
    </ToTso_MarketParticipant>
    <FromTso_MarketParticipant>
        <identification codingScheme="305">21X-HU-A-A0A0A-8</identification>
        <availability.type>Z06</availability.type>
        <price_MeasureUnit.code>KW1</price_MeasureUnit.code>

```

```

        <currency.code>HUF</currency.code>
        <currency.exchangeRate>0</currency.exchangeRate>
        <premium_Price.amount>0.000000000000</premium_Price.amount>
        <reserve_Price.amount>0</reserve_Price.amount>
    </FromTso_MarketParticipant>
    <auctionHeld_Period.timeInterval>2018-02-22T05:00Z/2018-02-
23T05:00Z</auctionHeld_Period.timeInterval>
    <BiddingRound_Characteristic>
        <sequence>1</sequence>
        <bidRound_Price.amount>0</bidRound_Price.amount>
        <totalCapacityBid_Quantity.amount>50</totalCapacityBid_Quantity.amount>
        <Bid_Document>
            <identification>28</identification>
            <version>1</version>
            <bid_MarketParticipant.identification codingScheme="305">39XTEST-NU-001-F
</bid_MarketParticipant.identification>
            <bid_Quantity.amount>50</bid_Quantity.amount>
            <min_Quantity.amount>0</min_Quantity.amount>
            <allocated_Quantity.amount>50</allocated_Quantity.amount>
            <bid_Price.amount>0</bid_Price.amount>

<totalRequestedConversion_Quantity.amount>0</totalRequestedConversion_Quantity.amount>
        <status.code>64G</status.code>

<bidRolledOver_Indication.indicator>01G</bidRolledOver_Indication.indicator>
        </Bid_Document>
    </BiddingRound_Characteristic>
</AuctionResultsDocument>
</Documents>
</Return>
</AuctionResultsDocumentResponse>
</s:Body>
</s:Envelope>

```

### 2.3.8 Auction results via EDIGAS webservice interface (GetAuctionResultsV515) Service provided for TSOs and NUs.

#### 2.3.8.1 Description

**Please note that this version of the service will return the version 5.1.5 of AuctionResults\_Document.**

TSOs can query the results of end-of-sale auctions via the EDIGAS webservice interface.

Also for TSOs, only the results of those auctions can be queried in which they are involved.

#### 2.3.8.2 Request message

In its request message, the caller party provides his/her own EIC code and the query time interval.

##### 2.3.8.2.1 Structure

XML Tag	Type	Description
<b>eicCode</b>	String(16)	Requesting Caller EIC
<b>from</b>	DateTime	Query Interval Start
<b>to</b>	DateTime	Query Interval End

##### 2.3.8.2.2 Example

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope">
  <soapenv:Header/>
  <soapenv:Body>
    <getAuctionResults xmlns="http://rbp.hu">
      <request>

```

```

        <eicCode>21X-HU-A-A0A0A-8</eicCode>
        <from>2019-09-01T04:00:00</from>
        <to>2019-10-01T04:00:00</to>
    </request>
</getAuctionResults>
</soapenv:Body>
</soapenv:Envelope>

```

### 2.3.8.3 Response message

The message corresponds to the template:

**urn:easeegas.eu:edigas:capacitytrading:auctionresultsdocument:5:1:5.**

If the query is initiated by TSO, the AuctionResultsDocument Type value will be ANT if it is by NU it will be ANA.

The document may accept all measure units supported by EDIG@S (KW1, KW2 restriction no longer exists)

The document may provide DZK1 through DZK15 as StandardAvailabilityTypes.

#### 2.3.8.3.1 Structure

XML Tag	Type	Description
<b>AuctionResultDocumentResponse</b>		Wrapper tag containing the EDIGAS message.

#### 2.3.8.3.2 Example

```

<?xml version="1.0" encoding="utf-8" ?>
<AuctionResults_Document xmlns="urn:easee-
gas.eu:edigas:capacitytrading:auctionresultsdocument:5:1:5">
  <identification>2fd8d0055b24e1db959d69c579f5263</identification>
  <version>1</version>
  <type>ANT</type>
  <creationDateTime>2020-01-02T16:03:47.5187755Z</creationDateTime>
  <validityPeriod>2020-02-01T04:00Z/2020-02-29T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">37G-RE-A-B1B1B-
L</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZUJ</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSO</recipient_MarketParticipant.marketRole.code>
  <contractReference>12345678-RBP</contractReference>
  <contractType>ZSD</contractType>
  <status.code>64G</status.code>
  <capacityType.code>ZEO</capacityType.code>
  <product_TimeSeries.SpanPeriod>ZEL</product_TimeSeries.SpanPeriod>
  <productTimeInterval_Period.timeInterval>2020-02-01T04:00Z/2020-02-
29T04:00Z</productTimeInterval_Period.timeInterval>
  <connectionPoint.identification
codingScheme="305">39ZKAKOMARO11GNU</connectionPoint.identification>
  <connectionPoint.bookablePointIdentification
codingScheme="305">39ZKAKOMARO11GNU</connectionPoint.bookablePointIdentification>
  <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
  <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
  <currency.code>HUF</currency.code>
  <currency.exchangeRate>1</currency.exchangeRate>
  <totalCapacityOffered_Quantity.amount>213408</totalCapacityOffered_Quantity.amount>
  <totalAllocated_Quantity.amount>500</totalAllocated_Quantity.amount>
  <largeStep_Price.amount>0</largeStep_Price.amount>

```

```

<smallStep_Price.amount>0</smallStep_Price.amount>
<clearing_Price.amount>100.000000000000</clearing_Price.amount>
<ToTso_MarketParticipant>
  <identification codingScheme="305">37G-RE-A-B1B1B-L</identification>
  <availability.type>Z06</availability.type>
  <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
  <currency.code>EUR</currency.code>
  <currency.exchangeRate>0</currency.exchangeRate>
  <premium_Price.amount>0.000000000000</premium_Price.amount>
  <reserve_Price.amount>0.037200000000</reserve_Price.amount>
</ToTso_MarketParticipant>
<FromTso_MarketParticipant>
  <identification codingScheme="305">21X-HU-A-A0A0A-8</identification>
  <availability.type>Z06</availability.type>
  <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
  <currency.code>HUF</currency.code>
  <currency.exchangeRate>0</currency.exchangeRate>
  <premium_Price.amount>0.000000000000</premium_Price.amount>
  <reserve_Price.amount>4.634812000000</reserve_Price.amount>
</FromTso_MarketParticipant>
<auctionHeld_Period.timeInterval>2020-01-02T15:30Z/2020-01-
02T16:00Z</auctionHeld_Period.timeInterval>
<BiddingRound_Characteristic>
  <sequence>1</sequence>
  <biddingRound_Price.amount>0</biddingRound_Price.amount>
  <totalCapacityBid_Quantity.amount>500</totalCapacityBid_Quantity.amount>
  <Bid_Document>
    <identification>29</identification>
    <version>1</version>
    <bid_MarketParticipant.identification codingScheme="305">39XTEST-NU-001-
F</bid_MarketParticipant.identification>

<bidder_Reference.identification>BidderReferenceIdentification</bidder_Reference.identification>
  <bid_Quantity.amount>500</bid_Quantity.amount>
  <min_Quantity.amount>0</min_Quantity.amount>
  <allocated_Quantity.amount>500</allocated_Quantity.amount>
  <bid_Price.amount>0</bid_Price.amount>
  <totalRequestedUpgrade_Quantity.amount>500</totalRequestedUpgrade_Quantity.amount>
  <totalRequestedConversion_Quantity.amount>500</totalRequestedConversion_Quantity.amount>
  <nomination_Account.internalAccount
codingScheme="305">Balancing1234</nomination_Account.internalAccount>
  <nomination_Account.internalAccountTso codingScheme="305">21X-HU-A-A0A0A-
8</nomination_Account.internalAccountTso>
  <nomination_Account.externalAccount
codingScheme="305">Balancing1234</nomination_Account.externalAccount>
  <nomination_Account.externalAccountTso codingScheme="305">37G-RE-A-B1B1B-
L</nomination_Account.externalAccountTso>
  <status.code>64G</status.code>
  <bidRolledOver_Indication.indicator>01G</bidRolledOver_Indication.indicator>
  <UpgradeReference_Document>
    <identification>MyContract_0001</identification>
    <holdingTso_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</holdingTso_MarketParticipant.identification>
    <requestedUpgrade_Quantity.amount>500</requestedUpgrade_Quantity.amount>
    <UpgradeInternal_Account>
      <internalAccount codingScheme="305">Balancing1234</internalAccount>
      <upgrade_Quantity.amount>250</upgrade_Quantity.amount>
    </UpgradeInternal_Account>
    <UpgradeInternal_Account>
      <internalAccount codingScheme="305">Balancing4567</internalAccount>
      <upgrade_Quantity.amount>250</upgrade_Quantity.amount>
    </UpgradeInternal_Account>
    </UpgradeReference_Document>
  <UpgradeReference_Document>
    <identification>MyContract_0002</identification>
    <holdingTso_MarketParticipant.identification codingScheme="305">37G-RE-A-B1B1B-
L</holdingTso_MarketParticipant.identification>
    <requestedUpgrade_Quantity.amount>500</requestedUpgrade_Quantity.amount>
    <UpgradeInternal_Account>
      <internalAccount codingScheme="305">Balancing4186</internalAccount>
      <upgrade_Quantity.amount>300</upgrade_Quantity.amount>

```

```

</UpgradeInternal_Account>
<UpgradeInternal_Account>
  <internalAccount codingScheme="305">Balancing7864</internalAccount>
  <upgrade_Quantity.amount>200</upgrade_Quantity.amount>
</UpgradeInternal_Account>
</UpgradeReference_Document>
<ConversionReference_Document>
  <identification>MyContract_0001</identification>
  <holdingTso_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</holdingTso_MarketParticipant.identification>
  <requestedConversion_Quantity.amount>500</requestedConversion_Quantity.amount>
  <ConversionInternal_Account>
    <internalAccount codingScheme="305">Balancing1234</internalAccount>
    <conversion_Quantity.amount>250</conversion_Quantity.amount>
  </ConversionInternal_Account>
  <ConversionInternal_Account>
    <internalAccount codingScheme="305">internalAccount2</internalAccount>
    <conversion_Quantity.amount>250</conversion_Quantity.amount>
  </ConversionInternal_Account>
</ConversionReference_Document>
<ConversionReference_Document>
  <identification>MyContract_0002</identification>
  <holdingTso_MarketParticipant.identification codingScheme="305">37G-RE-A-B1B1B-
L</holdingTso_MarketParticipant.identification>
  <requestedConversion_Quantity.amount>500</requestedConversion_Quantity.amount>
  <ConversionInternal_Account>
    <internalAccount codingScheme="305">Balancing4186</internalAccount>
    <conversion_Quantity.amount>100</conversion_Quantity.amount>
  </ConversionInternal_Account>
  <ConversionInternal_Account>
    <internalAccount codingScheme="305">Balancing7864</internalAccount>
    <conversion_Quantity.amount>400</conversion_Quantity.amount>
  </ConversionInternal_Account>
</ConversionReference_Document>
</Bid_Document>
</BiddingRound_Characteristic>
</AuctionResults_Document>

```

### 2.3.9 Query Auction Results (GetTrades)

Service provided for TSOs and Network Users.

#### 2.3.9.1 Description

Both Network Users and TSOs can query on the created end-of-auction trades.

Both for Network Users and TSOs still only queries on trades may be called in which they are involved.

Please note that as of 2020.05.15. this service will not support balancing groups and capacity conversions. The field **balancingGroupValues** and **capacityConversions** values will always be empty.

#### 2.3.9.2 Request message

In its request message, the caller party provides its own EIC code and the query time interval.

##### 2.3.9.2.1 Structure

XML Tag	Type	Description
<b>eicCode</b>	String(16)	EIC code of party calling request
<b>from</b>	DateTime	Start of Query Interval



<b>to</b>	DateTime	End of Query interval
-----------	----------	-----------------------

### 2.3.9.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:getTrades>
      <rbp:request>
        <rbp:eicCode>21X-HU-A-A0A0A-8</rbp:eicCode>
        <rbp:from>2018.02.05</rbp:from>
        <rbp:to>2018.02.29</rbp:to>
      </rbp:request>
    </rbp:getTrades>
  </soapenv:Body>
</soapenv:Envelope>
```

### 2.3.9.3 Response message

The response message retrieves the trades if filed in which the caller is involved or possible Error codes may be included.

#### 2.3.9.3.1 Structure

XML Tag	Type	Description
<b>tradeID</b>	Int64	Trade identifier
<b>auctionName</b>	String(100)	Auction code
<b>auctionStart</b>	DateTime	Auction start date/time
<b>auctionEnd</b>	DateTime	Auction end date/time
<b>networkUserEic</b>	String(200)	Network User EIC code
<b>networkUserCode</b>	String(16)	Network User code
<b>networkUserName</b>	String(200)	Network User name
<b>networkPointEic</b>	String(16)	EIC code of the network point involved in trade
<b>networkPointName</b>	String(200)	Name of the network point involved in trade
<b>networkPointNominationId</b>	String(16)	Identifier corresponding to TSO's role (Exit, Entry), and the capacity type (Bundled, UnBundled)
<b>productType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>instrument</b>	String(400)	The instrument of capacity involved in the trade
<b>validityStart</b>	DateTime	Start of the capacity period involved in the trade
<b>validityEnd</b>	DateTime	End of the capacity period involved in the trade
<b>capacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>capacityQuality</b>	String(100)	Capacity quality

		Value set according to the Capacity Quality Code library (Code field). <b>Please note that in case the productQuality is different on the Exit- and Entry side this field will contain only one of those values!</b> <b>Please see GetTradesV3</b>
<b>gasFlow</b>	String(100)	Trade direction Value set according to Trading Direction Code library (Code Field).
<b>priceStepMode</b>	String(200)	Price step type Value Set is according to the Price step form code library (Code field).
<b>offeredCapacity</b>	Int32	Quantity of offered capacity
<b>allocatedCapacity</b>	Decimal(28,12)	Value of allocated (won) capacity
<b>reservePrice</b>	Decimal(28,12)	Reserve price
<b>AuctionPremiumBasis</b>	Decimal(28,12)	Auction premium basis
<b>clearingUnitPrice</b>	String(100)	Clearing unit price
<b>auctionPremium</b>	Decimal(28,12)	Auction premium
<b>confirmationId</b>	String(100)	Confirmation Certificate ID
<b>capacityUnit</b>	String(100)	Capacity measurement unit The value set for the performance section according to the Auction unit code library (Description field). Sample: kWh/h/Product
<b>currencyUnit</b>	String(100)	Currency measuring unit is always equal to the measuring unit of the capacity. The value set for the performance section according to the Auction unit code library (Description field). Sample: Currency/kWh/h/Product
<b>currency</b>	String(3)	Foreign currency
<b>capacityFee</b>	Decimal(28,12)	Capacity fee
<b>auctionUnitPrice</b>	Decimal(28,12)	Auction unit price
<b>clearingPrice</b>	Decimal(28,12)	Clearing price
<b>auctionFee</b>	Decimal(28,12)	Auction fee
<b>clearingFee</b>	Decimal(28,12)	Clearing fee
<b>tsoEic</b>	String(16)	Offering TSO's EIC Code
<b>tsoName</b>	String(200)	Name of offering TSO
<b>exitTsoEic</b>	String(16)	EIC code for Exit TSO from view of capacity flow direction involved in the trade
<b>entryTsoEic</b>	String(16)	EIC code for Entry TSO from view of capacity flow direction involved in the trade
<b>creditLimitLock</b>	Decimal(28,12)	Amount of locked financial limit
<b>capacityConversions</b>	List	List of capacity conversion requests to the auction (see table below) <b>Deprecated from 2020.05.15</b>
<b>balancingGroupValues</b>	List	List of balancing group information (see

table below)  
**Deprecated from 2020.05.15**

Capacity conversion informations: **Deprecated from 2020.05.15**

XML Tag	Type	Description
<b>id</b>	Int64	Capacity Conversion Identifier
<b>networkUserEic</b>	String(100)	EIC code of the Network User submitting capacity conversion request
<b>networkUserName</b>	String(16)	Name of the Network User submitting capacity conversion request
<b>networkPointEic</b>	String(16)	EIC code of the network point involved in capacity conversion request (only interconnection point possible)
<b>networkPointName</b>	String(16)	Name of the network point involved in capacity conversion request (only interconnection point)
<b>exitTsoEic</b>	String(16)	EIC code of Exit TSO from view of capacity flow direction involved in capacity conversion request
<b>entryTsoEic</b>	String(16)	EIC code of Entry TSO from view of capacity flow direction involved in capacity conversion request
<b>tsoEic</b>	String(100)	EIC code of TSO approving capacity conversion request
<b>auctionName</b>	String(200)	Auction code
<b>unbundledContractId</b>	String(100)	Unbundled capacity related contract identifier
<b>bundledProductType</b>	String(200)	Capacity Product type involved in the respective auction Value set according to the Product type code library (Code1 field).
<b>unbundledProductType</b>	String(200)	Product type of capacity involved in conversion request
<b>validityStart</b>	DateTime	Start of Conversion
<b>validityEnd</b>	DateTime	End of Conversion
<b>bundledQuantity</b>	Int32	The total sum won by the Network User in the relevant auction
<b>unbundledQuantity</b>	Int32	Unbundled booking quantity
<b>conversionQuantity</b>	Int32	Capacity Conversion quantity
<b>status</b>	String(100)	Capacity conversion request status Submitted, ApprovalNeeded, Rejected or Approved
<b>creationTime</b>	String(16)	Date/time for Creation of a capacity conversion request

Balancing group information: **(Deprecated from 2020.05.15)**

XML Tag	Type	Description
<b>balancingGroupValues</b>		Wrapper tag
<b>balancingGroupName</b>	String(200)	Name of the balancing group
<b>memberName</b>	String(200)	Name of the balancing group member
<b>quantity</b>	Int32	Distributed quantity

### 2.3.9.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getTradesResponse xmlns="http://rbp.hu">
      <return>
        <trades>
          <trade>
            <tradeID>1</tradeID>
            <auctionName>12345678-RBP</auctionName>
            <auctionStart>2018-02-17T09:05:00</auctionStart>
            <auctionEnd>2018-02-17T09:05:00</auctionEnd>
            <networkUserEic>39XTEST-NU-001-F</networkUserEic>
            <networkUserCode>Partner code</networkUserCode>
            <networkUserName> Partner name</networkUserName>
            <networkPointEic>21Z000000000236Q</networkPointEic>
            <networkPointName>Csanádpalota 2018-as neve</networkPointName>
            <networkPointNominationId>21Z000000000236Q</networkPointNominationId>
            <productType>YEARLY</productType>
            <instrument>2018/2019</instrument>
            <validityStart>2018-10-01T04:00:00</validityStart>
            <validityEnd>2019-10-01T04:00:00</validityEnd>
            <capacityType>Bundled</capacityType>
            <capacityQuality>FIRM</capacityQuality>
            <gasFlow>Physical</gasFlow>
            <priceStepMode>Percentage</priceStepMode>
            <offeredCapacity>14000000</offeredCapacity>
            <allocatedCapacity>1000000</allocatedCapacity>
            <reservePrice>747.880000000000</reservePrice>
            <auctionPremiumBasis>747.880000000000</AuctionPremiumBasis>
            <clearingUnitPrice>755.358800000000</clearingUnitPrice>
            <auctionPremium>1.000000000000</auctionPremium>
            <confirmationId>21X-HU-A-A0A0A-8/39XTEST-NU-001-F/12345678-
RBP</confirmationId>
            <capacityUnit>kWh/h/year</capacityUnit>
            <currencyUnit>HUF/kWh/h/year</currencyUnit>
            <currency>HUF</currency>
            <capacityFee>747880000.000000000000</capacityFee>
            <auctionUnitPrice>7.478800000000</auctionUnitPrice>
            <clearingPrice>101.000000000000</clearingPrice>
            <auctionFee>7478800.000000000000</auctionFee>
            <clearingFee>755358800.000000000000</clearingFee>
            <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
            <tsoName>FGSZ Zrt.</tsoName>
            <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
            <entryTsoEic>39XTEST-TSO-01-L</entryTsoEic>
            <creditLimitLock>7.553588000000</creditLimitLock>
            <capacityConversions/>
            <balancingGroupValues/>
          </trade>
          <trade>
            <tradeID>2</tradeID>
            <auctionName>123456790-RBP</auctionName>
            <auctionStart>2018-02-28T18:07:52</auctionStart>
            <auctionEnd>2018-02-28T19:07:52</auctionEnd>
            <networkUserEic>39XTEST-NU-001-F</networkUserEic>
            <networkUserCode>Partner code</networkUserCode>
            <networkUserName>Partner name</networkUserName>
            <networkPointEic>21Z000000000236Q</networkPointEic>
            <networkPointName>Csanádpalota 2018-as neve</networkPointName>
            <networkPointNominationId>21Z000000000236Q</networkPointNominationId>
            <productType>MONTHLY</productType>
            <instrument>2017/2018 SEP</instrument>
            <validityStart>2018-09-01T04:00:00</validityStart>
            <validityEnd>2018-10-01T04:00:00</validityEnd>
            <capacityType>Bundled</capacityType>
```

```

    <capacityQuality>FIRM</capacityQuality>
    <gasFlow>Physical</gasFlow>
    <priceStepMode>AbsoluteValue</priceStepMode>
    <offeredCapacity>500</offeredCapacity>
    <allocatedCapacity>25</allocatedCapacity>
    <reservePrice>20.000000000000</reservePrice>
    <clearingUnitPrice>20.000000000000</clearingUnitPrice>
    <auctionPremium>0.000000000000</auctionPremium>
    <confirmationId>21X-HU-A-A0A0A-8/39XTEST-NU-001-F/123456790-
RBP</confirmationId>
    <capacityUnit>kWh/h/month</capacityUnit>
    <currencyUnit>EUR/kWh/h/month</currencyUnit>
    <currency>EUR</currency>
    <capacityFee>500.000000000000</capacityFee>
    <auctionUnitPrice>0.000000000000</auctionUnitPrice>
    <clearingPrice>30.000000000000</clearingPrice>
    <auctionFee>0.000000000000</auctionFee>
    <clearingFee>500.000000000000</clearingFee>
    <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    <tsoName>FGSZ Zrt.</tsoName>
    <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
    <entryTsoEic>39XTEST-TSO-01-L</entryTsoEic>
    <creditLimitLock>5500.000000000000</creditLimitLock>
    <capacityConversions/>
    <balancingGroupValues/>
  </trade>
</trades>
</return>
</getTradesResponse >
</s:Body>
</s:Envelope>

```

### 2.3.9.4 Error codes

Errorcode	Errormessage
GT0001	The interval specified in the query is larger than the number of days allowed in the relevant system parameter! Interval: {0}, parameter: {1}!

2.3.10 Query Auction Results V2 (GetTradesV2 – Phased out since 2020.05.15)  
 Service provided for TSOs and Network Users.

**Please note that as of 2020.05.15. this service will be phased out.**

#### 2.3.10.1 Description

Version 2 of querying auction results service, this chapter only describes the differences compared to GetTrades.

#### 2.3.10.2 Response message

##### 2.3.10.2.1 Structure

XML Tag	Type	Description
offerLevelId	Int32	Offer level id for incremental auctions
auctionCharacteristics	String(16)	Auction characteristics Value set according to the Auction characteristics code library (Code field).

## Balancing group information

XML Tag	Type	Description
tsoEic	String(16)	TSO to whom the distribution was created

### 2.3.10.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getTradesResponseV2 xmlns="http://rbp.hu">
      <return>
        <trades>
          <trade>
            <tradeID>1</tradeID>
            <auctionName>12345678-RBP</auctionName>
            <auctionStart>2018-02-17T09:05:00</auctionStart>
            <auctionEnd>2018-02-17T09:05:00</auctionEnd>
            <networkUserEic>39XTEST-NU-001-F</networkUserEic>
            <networkUserCode>Partner code</networkUserCode>
            <networkUserName> Partner name</networkUserName>
            <networkPointEic>21Z00000000236Q</networkPointEic>
            <networkPointName>Csanádpalota 2018-as neve</networkPointName>
            <networkPointNominationId>21Z00000000236Q</networkPointNominationId>
            <productType>YEARLY</productType>
            <instrument>2018/2019</instrument>
            <validityStart>2018-10-01T04:00:00</validityStart>
            <validityEnd>2019-10-01T04:00:00</validityEnd>
            <capacityType>Bundled</capacityType>
            <capacityQuality>FIRM</capacityQuality>
            <gasFlow>Physical</gasFlow>
            <priceStepMode>Percentage</priceStepMode>
            <offeredCapacity>14000000</offeredCapacity>
            <allocatedCapacity>1000000</allocatedCapacity>
            <reservePrice>747.880000000000</reservePrice>
            <auctionPremiumBasis>747.880000000000</AuctionPremiumBasis>
            <clearingUnitPrice>755.358800000000</clearingUnitPrice>
            <auctionPremium>1.000000000000</auctionPremium>
            <confirmationId>21X-HU-A-A0A0A-8/39XTEST-NU-001-F/12345678-RBP</confirmationId>
            <capacityUnit>kWh/h/year</capacityUnit>
            <currencyUnit>HUF/kWh/h/year</currencyUnit>
            <currency>HUF</currency>
            <capacityFee>747880000.000000000000</capacityFee>
            <auctionUnitPrice>7.478800000000</auctionUnitPrice>
            <clearingPrice>101.000000000000</clearingPrice>
            <auctionFee>7478800.000000000000</auctionFee>
            <clearingFee>755358800.000000000000</clearingFee>
            <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
            <tsoName>FGSZ Zrt.</tsoName>
            <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
            <entryTsoEic>39XTEST-TSO-01-L</entryTsoEic>
            <creditLimitLock>7.553588000000</creditLimitLock>
            <capacityConversions/>
            <balancingGroupValues>
              <balancingGroupValue>
                <balancingGroupName>test</balancingGroupName>
                <memberName>DEMPARTNER1 (31X-DEM0DD-----9)</memberName>
                <quantity>0</quantity>
                <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
              </balancingGroupValue>
              <balancingGroupValue>
                <balancingGroupName>test</balancingGroupName>
                <memberName>DEMO_PARTNER (DEMO_PARTNER)</memberName>
                <quantity>0</quantity>
              </balancingGroupValue>
            </balancingGroupValues>
          </trade>
        </trades>
      </return>
    </getTradesResponseV2>
  </s:Body>
</s:Envelope>

```

```

        <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    </balancingGroupValue>
    <balancingGroupValue>
        <balancingGroupName>test</balancingGroupName>
        <memberName>DEMO_PARTNER22 (DEMO_PARTNER22EIC)</memberName>
        <quantity>0</quantity>
        <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    </balancingGroupValue>
    <balancingGroupValue>
        <balancingGroupName>test</balancingGroupName>
        <memberName>DEMO_PP222 (DEMO_PP222_EIC)</memberName>
        <quantity>1000000000</quantity>
        <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    </balancingGroupValue>
    </balancingGroupValues>
    <auctionCharacteristics>Normal</auctionCharacteristics>
    <offerLevelId>1</offerLevelId>
</trade>
</trades>
</return>
</getTradesResponseV2 >
</s:Body>
</s:Envelope>

```

### 2.3.11 Query Auction Results V3 (GetTradesV3)

Service provided for TSOs and Network Users.

#### 2.3.11.1 Description

Version 3 of querying auction results service, this chapter only describes the differences compared to GetTrades.

#### 2.3.11.2 Response message

##### 2.3.11.2.1 Structure

Trade informations

XML Tag	Type	Description
<b>offerLevelId</b>	Int32	Offer level id for incremental auctions
<b>auctionCharacteristics</b>	String(16)	Auction characteristics Value set according to the Auction characteristics code library (Code field).
<b>capacityQuality</b>		<b>Phased out</b>
<b>capacityQualityExitTSO</b>	String(100)	Capacity quality of the Exit TSO  Value set according to the Capacity quality code library
<b>capacityQualityEntryTSO</b>	String(100)	Capacity quality of the Entry TSO Value set according to the Capacity quality code library
<b>balancingGroupCode</b>	String(100)	Code of the balancing group
<b>balancingGroupValues</b>		<b>Phased out</b>
<b>capacityConversions</b>	List	List of capacity conversion information (see table below)

<b>capacityUpgrades</b>	List	List of capacity upgrade information (see table below)
-------------------------	------	--

capacityConversion information:

XML Tag	Type	Description
<b>unbundledContractId</b>	String(100)	Unbundled capacity related contract identifier
<b>unbundledProductType</b>	String(200)	Product type of capacity involved in conversion request
<b>startGasDay</b>	DateTime	Start Gas Day of the conversion
<b>startGasHour</b>	Int32	Start Gas Hour of the conversion
<b>endGasDay</b>	DateTime	End Gas Day of the conversion
<b>endGasHour</b>	Int32	End Gas Hour of the conversion
<b>validityStart</b>	DateTime	Start of Conversion
<b>validityEnd</b>	DateTime	End of Conversion
<b>conversionQuantity</b>	Int32	Capacity Conversion quantity
<b>status</b>	String(100)	Capacity conversion request status Submitted, ApprovalNeeded, Rejected or Approved
<b>capacityConversionBalancingGroups</b>	List	List of capacity conversion balancing group information (see table below)

Capacity conversion's Balancing group informations:

XML Tag	Type	Description
<b>balancingGroupCode</b>	String(100)	Code of the balancing group connecting to the converted capacity
<b>balancingGroupQuantity</b>	Decimal(28,12)	Distributed quantity

Capacity upgrade informations:

XML Tag	Type	Description
<b>interruptibleContractId</b>	String(100)	Contract identification
<b>upgradeQuantity</b>	Decimal(28,12)	Upgraded quantity
<b>capacityUpgradeBalancingGroups</b>	List	List of capacity conversion balancing group information (see table below)

Capacity upgrade Balancing group informations



XML Tag	Type	Description
<b>balancingGroupCode</b>	String(100)	Code of the balancing group connecting to the upgraded capacity
<b>balancingGroupQuantity</b>	Decimal(28,12)	Distributed quantity

### 2.3.11.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getTradesResponseV3 xmlns="http://rbp.hu">
      <return>
        <trades>
          <trade>
            <auctionName>12345678-RBP</auctionName>
            <tradeID>1</tradeID>
            <auctionStart>2020-03-20T08:00:00</auctionStart>
            <auctionEnd>2020-03-20T011:00:00</auctionEnd>
            <tsoEic>21XTEST-TSO-01-L</tsoEic>
            <tsoName>TEST TSO Gastransport Gmbh.</tsoName>
            <networkUserEic>39XTEST-NU-001-F</networkUserEic>
            <networkUserCode>NU code</networkUserCode>
            <networkUserName>NU name</networkUserName>
            <networkPointEic>21Z000000000456C</networkPointEic>
            <networkPointName>GCP GAZ-SYSTEM/TESTTSO</networkPointName>

            <networkPointNominationId>InternalCodeForTESTTSO</networkPointNominationId>
            <exitTsoEic>21V000000000004G</exitTsoEic>
            <capacityQualityExitTSO>FIRM</capacityQualityExitTSO>
            <entryTsoEic>39XTEST-TSO-01-L</entryTsoEic>
            <capacityQualityEntryTSO>FIRM</capacityQualityEntryTSO>
            <productType>YEARLY</productType>
            <instrument>2020/2021</instrument>
            <validityStart>2020-10-01T04:00:00</validityStart>
            <validityEnd>2021-10-01T04:00:00</validityEnd>
            <capacityType>Bundled</capacityType>
            <gasFlow>Physical</gasFlow>
            <priceStepMode>Percentage</priceStepMode>
            <offeredCapacity>120000</offeredCapacity>
            <allocatedCapacity>1000</allocatedCapacity>
            <capacityUnit>EUR/kWh/h/year</capacityUnit>
            <reservePrice>0.765400000000</reservePrice>
            <currencyUnit>EUR/kWh/h/year</currencyUnit>
            <currency>EUR</currency>
            <capacityFee>765.400000000000</capacityFee>
            <auctionPremiumBasis>0.765400000000</auctionPremiumBasis>
            <auctionPremium>10.000000000000</auctionPremium>
            <auctionUnitPrice>0.076540000000</auctionUnitPrice>
            <auctionFee>76.540000000000</auctionFee>
            <clearingPrice>110.000000000000</clearingPrice>
            <clearingUnitPrice>0.841940000000</clearingUnitPrice>
            <clearingFee>841.940000000000</clearingFee>
            <creditLimitLock>0.000008419400</creditLimitLock>
            <confirmationId>21XTEST-TSO-01-L/39XTEST-NU-001-F/12345678-
RBP</confirmationId>

            <auctionCharacteristics>Normal</auctionCharacteristics>
            <offerLevelId/>
            <balancingGroupCode>Balancing0180109</balancingGroupCode>
            <capacityConversions>
              <capacityConversion>
                <unbundledContractId>MyContract_0001</unbundledContractId>
                <unbundledProductType>YEARLY</unbundledProductType>
                <validityStart>2019-01-01T04:00:00Z</validityStart>
                <validityEnd>2019-02-01T04:00:00Z</validityEnd>
                <startGasDay>2019-01-01</startGasDay>
                <startGasHour>1</startGasHour>
                <endGasDay>2019-01-31</endGasDay>
                <endGasHour>24</endGasHour>
              </capacityConversion>
            </capacityConversions>
          </trade>
        </trades>
      </return>
    </getTradesResponseV3>
  </s:Body>
</s:Envelope>

```

```

        <conversionQuantity>1000</conversionQuantity>
        <status>Submitted</status>
        <capacityConversionBalancingGroups>
            <capacityConversionBalancingGroup>
                <balancingGroupCode>Balancing0123045</balancingGroupCode>
                <balancingGroupQuantity>400</balancingGroupQuantity>
            </capacityConversionBalancingGroup>
            <capacityConversionBalancingGroup>
                <balancingGroupCode>Balancing0180109</balancingGroupCode>
                <balancingGroupQuantity>600</balancingGroupQuantity>
            </capacityConversionBalancingGroup>
        </capacityConversionBalancingGroups>
    </capacityConversion>
</capacityConversions>
<capacityUpgrades>
    <capacityUpgrade>
        <interruptibleContractId>MyContract_0001</interruptibleContractId>
        <upgradeQuantity>1000</upgradeQuantity>
        <capacityUpgradeBalancingGroups>
            <capacityUpgradeBalancingGroup>
                <balancingGroupCode>Balancing0123045</balancingGroupCode>
                <balancingGroupQuantity>400</balancingGroupQuantity>
            </capacityUpgradeBalancingGroup>
            <capacityUpgradeBalancingGroup>
                <balancingGroupCode>Balancing0180109</balancingGroupCode>
                <balancingGroupQuantity>600</balancingGroupQuantity>
            </capacityUpgradeBalancingGroup>
        </capacityUpgradeBalancingGroups>
    </capacityUpgrade>
</capacityUpgrades>
</trade>
</trades>
</return>
</getTradesResponseV3>
</s:Body>
</s:Envelope>

```

### 2.3.12 Query Auction Results V4 (GetTradesV4)

Service provided for TSOs/SSOs and Network Users.

#### 2.3.12.1 Description

Version 4 of querying auction results service, this chapter only describes the differences compared to GetTradesV3.

#### 2.3.12.2 Response message

##### 2.3.12.2.1 Structure

Trade informations

XML Tag	Type	Description
<b>storageQuality</b>	String(100)	Product quality for storage capacities  Value set according to the Capacity Quality Code library (Code field).
<b>injectionQuantity</b>	Int32	Injection quantity (Z02)
<b>injectionMeasureUnit</b>	String(100)	Injection capacity measuring unit Value set in accordance with the auction unit code library (Description).

<b>injectionEndDate</b>	DateTime	Injection interval end date
<b>injectionStartDate</b>	DateTime	Injection interval start date
<b>storageCapacityQuantity</b>	Int32	Working Volume (Z01)
<b>storageCapacityMeasureUnit</b>	String(100)	Working volume measuring unit Value set in accordance with the auction unit code library (Description).
<b>withdrawalQuantity</b>	Int32	Withdrawal quantity (Z03)
<b>withdrawalMeasureUnit</b>	String(100)	Withdrawal capacity measuring unit Value set in accordance with the auction unit code library (Description).
<b>withdrawalEndDate</b>	DateTime	Withdrawal interval end date
<b>withdrawalStartDate</b>	DateTime	Withdrawal interval start date

### 2.3.12.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getTradesResponseV4 xmlns="http://rbp.hu">
      <return>
        <trades>
          <trade>
            <auctionName>12345678-RBP</auctionName>
            <tradeID>1</tradeID>
            <auctionStart>2020-03-20T08:00:00</auctionStart>
            <auctionEnd>2020-03-20T011:00:00</auctionEnd>
            <tsoEic>21XTEST-TSO-01-L</tsoEic>
            <tsoName>TEST SSO Name</tsoName>
            <networkUserEic>39XTEST-NU-001-F</networkUserEic>
            <networkUserCode>NU code</networkUserCode>
            <networkUserName>NU name</networkUserName>
            <networkPointEic>21Z000000000456C</networkPointEic>
            <networkPointName>Storage Point</networkPointName>

            <networkPointNominationId>InternalCodeForTESTSSO</networkPointNominationId>
            <storageQuality>FIRM</storageQuality>
            <productType>DAYAHEAD</productType>
            <instrument>2020.11.12.</instrument>
            <validityStart>2020-11-12T04:00:00</validityStart>
            <validityEnd>2020-11-12T04:00:00</validityEnd>
            <capacityType>Unbundled</capacityType>
            <gasFlow>Physical</gasFlow>
            <priceStepMode>Percentage</priceStepMode>
            <offeredCapacity>12000</offeredCapacity>
            <allocatedCapacity>1000</allocatedCapacity>
            <capacityUnit>EUR/Bundle/day</capacityUnit>
            <reservePrice>0.765400000000</reservePrice>
            <currencyUnit>EUR/Bundle/day</currencyUnit>
            <currency>EUR</currency>
            <capacityFee>765.400000000000</capacityFee>
            <auctionPremiumBasis>0.765400000000</auctionPremiumBasis>
            <auctionPremium>10.000000000000</auctionPremium>
            <auctionUnitPrice>0.076540000000</auctionUnitPrice>
            <auctionFee>76.540000000000</auctionFee>
            <clearingPrice>110.000000000000</clearingPrice>
            <clearingUnitPrice>0.841940000000</clearingUnitPrice>
            <clearingFee>841.940000000000</clearingFee>
            <storageCapacityQuantity>1000</storageCapacityQuantity>
            <storageCapacityMeasureUnit>MWh/d</storageCapacityMeasureUnit>
            <injectionQuantity>1000</injectionQuantity>
          </trade>
        </trades>
      </return>
    </getTradesResponseV4>
  </s:Body>
</s:Envelope>

```

```

        <injectionMeasureUnit>MWh/d</injectionMeasureUnit>
        <injectionStartDate>2022-04-16T00:00:00</injectionStartDate>
        <injectionEndDate>2022-10-15T00:00:00</injectionEndDate>
        <withdrawalQuantity>1000</withdrawalQuantity>
        <withdrawalMeasureUnit>MWh/d</withdrawalMeasureUnit>
        <withdrawalStartDate>2022-11-01T00:00:00</withdrawalStartDate>
        <withdrawalEndDate>2023-03-31T00:00:00</withdrawalEndDate>
        <creditLimitLock>0.000008419400</creditLimitLock>
        <confirmationId>21XTEST-TSO-01-L/39XTEST-NU-001-F/12345678-
RBP</confirmationId>
        <auctionCharacteristics>Storage</auctionCharacteristics>
        <capacityConversions />
        <capacityUpgrades />
    </trade>
</trades>
</return>
</getTradesResponseV4>
</s:Body>
</s:Envelope>

```

## 2.4 Capacity conversion

### 2.4.1 Business environment

In RBP, a Network User has the option to mark a capacity conversion by setting the standard capacity product parameters and specifying contract numbers. The concerned TSO (s) must be notified on the deal who can automatically approve/reject the request using the RBP platform or via interface. In case of a TSO response, the TSO and Network User shall be notified of the result, including the TSO via interface, on top.

During the capacity conversion request, the NU requests from TSO that a **bundled** capacity purchased at an auction should not be considered as a new booking, but rather a previously purchased **unbundled** capacity be converted to a **bundled** one.

### 2.4.2 Query Capacity conversion data (GetCapacityConversion)

Service provided for TSOs.

#### 2.4.2.1 Description

The feature retrieves the requests which are subject to TSO's approval function:

**Submitted:** The TSO may decide to approve or reject the request

#### 2.4.2.2 Request message

The request message does not have an input parameter.

##### 2.4.2.2.1 Structure

XML Tag	Type	Description
---------	------	-------------

<b>getCapacityConversionRequest</b>	Wrapper tag
-------------------------------------	-------------

#### 2.4.2.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:getCapacityConversionRequest>
      <rbp:getCapacityConversions/>
    </rbp:getCapacityConversionRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

#### 2.4.2.3 Response message

The response message retrieves the capacity conversion requests if filed that are subject to the TSO's task or possible Error codes may be included.

##### 2.4.2.3.1 Structure

XML Tag	Type	Description
<b>id</b>	Int64	Capacity Conversion Request Identifier
<b>networkUserEic</b>	String(100)	EIC code of the Network User submitting capacity conversion request
<b>networkUserName</b>	String(16)	Name of the Network User submitting capacity conversion request
<b>networkPointEic</b>	String(16)	EIC code of the involved network point for capacity conversion request (only interconnection point possible)
<b>networkPointName</b>	String(16)	Name of the network point involved in capacity conversion request (only an interconnection point possible)
<b>exitTsoEic</b>	String(16)	EIC code for Entry TSO from view of capacity flow direction involved in the Capacity Conversion request
<b>entryTsoEic</b>	String(16)	EIC code for Entry TSO from view of capacity flow direction involved in the Capacity Conversion request
<b>tsoEic</b>	String(100)	TSO EIC code that approves capacity conversion request
<b>auctionName</b>	String(200)	Auction code
<b>unbundledContractId</b>	String(100)	Contract identifier for unbundled capacity
<b>bundledProductType</b>	String(100)	Product type of capacity involved in respective auction
<b>unbundledProductType</b>	Int32	Product Type of capacity involved in Conversion request
<b>validityStart</b>	DateTime	Start of capacity period in the capacity conversion request
<b>validityEnd</b>	DateTime	End of capacity period in the capacity conversion

		request
<b>startGasDay</b>	Date	validityStart gas day
<b>startGasHour</b>	Int32	validityStart gas hour
<b>endGasDay</b>	Date	validityEnd gas day
<b>endGasHour</b>	Int32	validityStart gas hour
<b>bundledQuantity</b>	Int32	The total sum of the capacities won by the Network User in the relevant auction
<b>unbundledQuantity</b>	Int32	Unbundled capacity booking quantity <b>Phased out from 2020.05.15</b>
<b>conversionQuantity</b>	Int32	Capacity Conversion quantity
<b>status</b>	String(100)	Capacity conversion request status
<b>creationTime</b>	String(16)	Date/time for Creation of capacity conversion request <b>Phased out from 2020.05.15</b>
<b>capacityConversionBalancingGroups</b>	List	List of balancing group information (see table below)

#### Capacity conversion Balancing group information

XML Tag	Type	Description
<b>balancingGroupCode</b>	String(200)	Code of the balancing group connecting to the converted capacity
<b>balancingGroupQuantity</b>	Int32	Distributed quantity

#### 2.4.2.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getCapacityConversionResponse xmlns="http://rbp.hu">
      <CapacityConversions>
        <CapacityConversion>
          <id>7</id>
          <networkUserEic>39XTEST-NU-001-F</networkUserEic>
          <networkUserName>Partner name</networkUserName>
          <networkPointEic>21Z000000000236Q</networkPointEic>
          <networkPointName>Csanádpalota</networkPointName>
          <exitTsoEic>39XTEST-TSO-01-L</exitTsoEic>
          <entryTsoEic>21X-HU-A-A0A0A-8</entryTsoEic>
          <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
          <auctionName>20002958-RBP</auctionName>
          <unbundledContractId>MyContract_0002</unbundledContractId>
          <bundledProductType>MONTHLY</bundledProductType>
          <unbundledProductType>MONTHLY</unbundledProductType>
          <validityStart>2019-09-01T04:00:00Z</validityStart>
          <validityEnd>2019-10-01T04:00:00Z</validityEnd>
          <startGasDay>2019-09-01</startGasDay>
          <startGasHour>1</startGasHour>
          <endGasDay>2019-09-30</endGasDay>
          <endGasHour>24</endGasHour>
          <bundledQuantity>2400</bundledQuantity>
          <conversionQuantity>1500</conversionQuantity>
          <status>Submitted</status>
          <capacityConversionBalancingGroups>
            <capacityConversionBalancingGroup>
              <balancingGroupCode>Balancing0123045</balancingGroupCode>
            </capacityConversionBalancingGroup>
          </capacityConversionBalancingGroups>
        </CapacityConversion>
      </CapacityConversions>
    </getCapacityConversionResponse>
  </s:Body>
</s:Envelope>
```

```

        <balancingGroupQuantity>900</balancingGroupQuantity>
    </capacityConversionBalancingGroup>
    <capacityConversionBalancingGroup>
        <balancingGroupCode>Balancing0180109</balancingGroupCode>
        <balancingGroupQuantity>600</balancingGroupQuantity>
    </capacityConversionBalancingGroup>
</capacityConversionBalancingGroups>
</CapacityConversion>
<CapacityConversion>
    <id>8</id>
    <networkUserEic>39XTEST-NU-001-F</networkUserEic>
    <networkUserName>Partner name</networkUserName>
    <networkPointEic>21Z000000000236Q</networkPointEic>
    <networkPointName>Csanádpalota</networkPointName>
    <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
    <entryTsoEic>39XTEST-TSO-01-L</entryTsoEic>
    <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    <auctionName>20002965-RBP</auctionName>
    <unbundledContractId>MyContract_0001</unbundledContractId>
    <bundledProductType>MONTHLY</bundledProductType>
    <unbundledProductType>MONTHLY</unbundledProductType>
    <validityStart>2019-08-01T04:00:00Z</validityStart>
    <validityEnd>2019-09-01T04:00:00Z</validityEnd>
    <startGasDay>2019-09-01</startGasDay>
    <startGasHour>1</startGasHour>
    <endGasDay>2019-09-30</endGasDay>
    <endGasHour>24</endGasHour>
    <bundledQuantity xsi:nil="true"/>
    <conversionQuantity>100</conversionQuantity>
    <status>Submitted</status>
    <capacityConversionBalancingGroups>
        <capacityConversionBalancingGroup>
            <balancingGroupCode>Balancing12345</balancingGroupCode>
            <balancingGroupQuantity>40</balancingGroupQuantity>
        </capacityConversionBalancingGroup>
        <capacityConversionBalancingGroup>
            <balancingGroupCode>Balancing786435</balancingGroupCode>
            <balancingGroupQuantity>60</balancingGroupQuantity>
        </capacityConversionBalancingGroup>
    </capacityConversionBalancingGroups>
</CapacityConversion>
</CapacityConversions>
</getCapacityConversionResponse>
</s:Body>
</s:Envelope>

```

### 2.4.3 Approval of Capacity conversion (ApproveCapacityConversion)

Service provided for TSOs.

#### 2.4.3.1 Description

TSOs with the appropriate rights can approve capacity conversion requests. Approving the conversion request can be called in "Submitted" status.

#### 2.4.3.2 Request message

The request message contains a conversion request identifier and optionally, the explanatory for the approval.

##### 2.4.3.2.1 Structure

XML Tag	Type	Description
Comment	String(400)	Comment for approval of Capacity Conversion
Id	Int64	Capacity Conversion request Identifier

### 2.4.3.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:approveCapacityConversionRequest>
      <rbp:Comment>Test comment</rbp:Comment>
      <rbp:Id>8</rbp:Id>
    </rbp:approveCapacityConversionRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 2.4.3.3 Response message

The response message contains the status of the Capacity Conversion Request or possible error messages may be included.

#### 2.4.3.3.1 Structure

XML Tag	Type	Description
<b>ApproveCapacityConversionResponse</b>		Capacity conversion Wrapper tag

#### 2.4.3.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <ApproveCapacityConversionResponse xmlns="http://rbp.hu" />
  </s:Body>
</s:Envelope>
```

### 2.4.3.4 Error codes

Errorcode	Errormessage
<b>CC0007</b>	The current TSO is not associated with the capacity conversion request.
<b>CC0009</b>	The capacity conversion identifier does not exist in the system! {0}
<b>CC0010</b>	The task cannot be performed because the entity is not in the correct status {0}!

2.4.4 Rejection of Capacity conversion request (RejectCapacityConversion)  
Service provided for TSOs.

#### 2.4.4.1 Description

TSOs with the appropriate privileges can reject capacity conversion requests.

Rejection of a conversion request can be called in "Submitted" status.

#### 2.4.4.2 Request message

The request message includes a conversion request identifier and optionally the explanatory of refusal.



#### 2.4.4.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment for rejecting Capacity Conversion
<b>Id</b>	Int64	Capacity Conversion Request Identifier

#### 2.4.4.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:rejectCapacityConversionRequest>
      <rbp:Comment>Test comment</rbp:Comment>
      <rbp:Id>8</rbp:Id>
    </rbp:rejectCapacityConversionRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

#### 2.4.4.3 Response message

The response message contains the status of the Capacity Conversion Request or possible error messages may be included.

#### 2.4.4.3.1 Structure

XML Tag	Type	Description
<b>RejectCapacityConversionResponse</b>		Capacity conversion request Wrapper tag

#### 2.4.4.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <RejectCapacityConversionResponse xmlns="http://rbp.hu" />
  </s:Body>
</s:Envelope>
```

#### 2.4.4.4 Error codes

Errorcode	Errormessage
<b>CC0007</b>	The current TSO is not associated with the capacity conversion request.
<b>CC0009</b>	The capacity conversion identifier does not exist in the system! {0}
<b>CC0010</b>	The task cannot be performed because the entity is not in the correct status {0}!
<b>CC0014</b>	Comment is required.

## 2.5 Buy-back auctions

### 2.5.1 Business environment

Transmission system operators - in cooperation with the national regulatory authorities - have the option to sell firm capacity at interconnection points beyond the physical capacity of the transmission line.

If, based on nomination data provided by Network Users, the aggregate transport demand exceeds the physical transmission capacity of the transmission pipeline, the transmission system operator implements a buy-back auction during which it can reduce the nomination of Network Users by buying back the capacity.

The document may contain information on the maximum quantity of capacity that may be offered by the individual Network Users invited to the auction.

### 2.5.2 Creation of Buy-back auction (CreateBuybackAuctionCandidate)

Service provided for TSOs.

#### 2.5.2.1 Description

In the request message the TSOs provide the parameters of the capacity involved in the buy-back auction as well as the list of Network Users who are authorized to surrender the capacity and the quantities that can be returned.

#### 2.5.2.2 Request message

In the request message, the TSOs provide the parameters of the buy-back auctions.

##### 2.5.2.2.1 Structure

XML Tag	Type	Description
<b>AuctionStartTime</b>	DateTime	Auction start time
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in capacity buy-back auction
<b>CapacityValue</b>	Int32	Capacity quantity involved in capacity buy-back auction
<b>EicCode</b>	String(16)	EIC code of Network Users participating in the auction
<b>MaximumBidQuantity</b>	Decimal(28,12)	The maximum amount of bids that may be submitted by the Network Users participating in the auction
<b>EntryTsoEic</b>	String(16)	EIC code for the Exit TSO from view of capacity flow direction involved in the capacity buy-back auction
<b>ExitTsoEic</b>	String(16)	EIC code for the Entry TSO from view of capacity flow direction involved in the capacity buy-back auction
<b>GasFlow</b>	String(100)	Trade direction Value set according to Gas Flow Code library (Code Field).
<b>IsStartedImmediately</b>	Bit	Immediate start signal If completed, AuctionStartTime is ignored by the system

<b>MaximumPrice</b>	Decimal(28,12)	Maximum buy-back price
<b>MeasureUnit</b>	String(100)	Auction unit EDIGAS code
<b>ProductType</b>	String(100)	Product type (hourly and day ahead option)
<b>ReservePrice</b>	Decimal(28,12)	Reserve price
<b>StartGasDay</b>	DateTime	The starting date of the capacity period involved in the capacity surrender
<b>StartGasHour</b>	Int32	Gas hours of the capacity period of buy-back capacity (in case of an hourly product)
<b>Duration</b>	String(100)	Auction time span in minutes

### 2.5.2.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp>CreateBuybackAuctionCandidateRequest>
      <rbp:AuctionStartTime>2019-12-18T11:11:00+02:00</rbp:AuctionStartTime>
      <rbp:CapacityPointEicCode>39ZKAABA00011GNE</rbp:CapacityPointEicCode>
      <rbp:CapacityValue>250</rbp:CapacityValue>
      <rbp:ContractedNetworkUsers>
        <rbp:ContractedNetworkUser>
          <rbp:EicCode>39XTEST-NU-001-F</rbp:EicCode>
          <rbp:MaximumBidQuantity>50</rbp:MaximumBidQuantity>
        </rbp:ContractedNetworkUser>
        <rbp:ContractedNetworkUser>
          <rbp:EicCode>39XTEST-NU-002-C</rbp:EicCode>
          <rbp:MaximumBidQuantity>50</rbp:MaximumBidQuantity>
        </rbp:ContractedNetworkUser>
      </rbp:ContractedNetworkUsers>
      <rbp:EntryTsoEic>21X-HU-A-A0A0A-8</rbp:EntryTsoEic>
      <rbp:ExitTsoEic></rbp:ExitTsoEic>
      <rbp:GasFlow>PHYSICAL</rbp:GasFlow>
      <rbp:IsStartedImmediately>1</rbp:IsStartedImmediately>
      <rbp:MaximumPricePercentage>110</rbp:MaximumPricePercentage>
      <rbp:MeasureUnit>KW1</rbp:MeasureUnit>
      <rbp:ProductType>HOURLY</rbp:ProductType>
      <rbp:ReservePrice>0.02</rbp:ReservePrice>
      <rbp:StartGasDay>2019-01-29</rbp:StartGasDay>
      <rbp:StartGasHour>1</rbp:StartGasHour>
      <rbp:Duration>10</rbp:Duration>
    </rbp>CreateBuybackAuctionCandidateRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 2.5.2.3 Response message

The response message is empty when creating is successful or possible error codes are included.

#### 2.5.2.3.1 Structure

XML Tag	Type	Description
<b>CreateBuybackAuctionCandidateResponse</b>		Wrapper tag

#### 2.5.2.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

```

    <CreateBuybackAuctionCandidateResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>

```

#### 2.5.2.4 Error codes

Errorcode	Errormessage
<b>A0020</b>	Offering TSO not set!
<b>A0021</b>	The sum of maximum capacities for network users must be higher than or equal to the capacity to be bought back.
<b>A0022</b>	The auction must be created at least {0} hours before the selected gasperiod.
<b>A0023</b>	The Offering TSO has to be the TSO creating the Auction!
<b>A0024</b>	The network user's ({0}) maximum bid quantity ({1}) is invalid!
<b>A0025</b>	The maximum capacity to buy back can not be greater than the repurchased capacity ({0}) – ({1})!
<b>A0026</b>	At least one network user is required!
<b>A0027</b>	The given network user ({0}) is not eligible for capacity buy back!
<b>AG0001</b>	The Start Time cannot be in the past.
<b>AG0007</b>	The start of the Gasperiod cannot be in the past.
<b>AG0037</b>	The start time can not be later than the start of the capacity's usage period.
<b>E0006</b>	'{0}' - '{1}' invalid value
<b>TB0001</b>	The given auction unit id is not valid!
<b>TB0002</b>	The given gasperiod type is not valid!
<b>TB0003</b>	The given instrument value is not valid!
<b>TB0004</b>	The EIC code is not valid! ({0} - {1})
<b>TB0005</b>	Entry or Exit TSO must be provided!
<b>TB0006</b>	The network user EIC code cannot be empty!

## 2.6 Bid submission

### 2.6.1 Bidding via EDIGAS WebService interface (SubmitAuctionBid)

Service provided for Network Users.

Note: regardless of the value set in validityPeriod, there will be no comfort bid created with the details of the submitted offer!

#### 2.6.1.1 Description

Network Users can submit bids for current auctions via the EDIGAS standard WebService interface.

Only the Network Users who are eligible for submitting bids can use the service.

#### 2.6.1.2 Request message

The request message contains the parameters of the bid to be submitted according to the EDIGAS standard.

RBP supports the following AuctionBid\_Document versions:

- urn:easeegas.eu:edigas:capacitytrading:auctionbiddocument:5:1:3
- urn:easeegas.eu:edigas:capacitytrading:auctionbiddocument:5:1:5

#### 2.6.1.2.1 AuctionBid\_Document 5.1.3

- The Currency.code value can be PCT, in this case the value of the bid\_Price.amount field is treated as a percentage value by the system and not as a foreign currency value.
- Balancing groups are not supported in this format
- Providing InterruptReference\_Document is not supported in this format

Please note, that from 2020.05.15, the RBP specific CapacityConversion\_Document element will no longer be supported to submit conversion requests. Please use AuctionBid\_Document 5.1.5.

#### 2.6.1.2.1.1 Structure

XML Tag	Type	Description
<b>submitAuctionBidRequest</b>		Wrapper tag containing the EDIGAS message.

#### Capacity conversion structure:

XML Tag	Type	Description
<b>tso_MarketParticipant.identification</b>	String(16)	TSO EIC code
<b>identification</b>	String(100)	Unbundled capacity related contract identifier
<b>unbundled_Product_TimeSeries.SpanPeriod</b>	String(3)	Unbundled capacity booking type
<b>unbundled_Quantity.amount</b>	Int32	Unbundled capacity booking quantity
<b>requestedConversionPeriod.timeInterval</b>	String(100)	Start/End of capacity conversion time interval
<b>requestedConversion_Quantity.amount</b>	Int32	Quantity of capacity conversion

#### 2.6.1.2.1.2 Example

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:rbp="http://rbp.hu">
  <soap:Header/>
  <soap:Body>
    <rbp:SubmitAuctionBid>
      <rbp:submitAuctionBidRequest>
        <AuctionBid_Document
          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
          xmlns:xsd="http://www.w3.org/2001/XMLSchema"
          xmlns="urn:easeegas.eu:edigas:capacitytrading:auctionbiddocument:5:1:3"
          release="release" >
          <identification>f2642161caa54141bc18ea2308f9d4c7</identification>
          <version>1</version>
          <type>ALN</type>
          <creationDateTime>2017-08-14T16:59:41.499Z</creationDateTime>
          <validityPeriod>2017-08-14T04:00Z/2017-08-15T04:00Z</validityPeriod>
          <issuer_MarketParticipant.identification codingScheme="305">39XTEST-NU-001-
F</issuer_MarketParticipant.identification>
          <issuer_MarketParticipant.marketRole.code>ZSH</issuer_MarketParticipant.marketRole.code>
          <recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</recipient_MarketParticipant.identification>
          <recipient_MarketParticipant.marketRole.code>ZUJ</recipient_MarketParticipant.marketRole.code>
        </AuctionBid_Document>
      </rbp:submitAuctionBidRequest>
    </rbp:SubmitAuctionBid>
  </soap:Body>
</soap:Envelope>
```

```

    <contractReference>20000047-RBP</contractReference>
    <contractType>ZSD</contractType>
    <bidder_Reference.identification>39XTEST-NU-001-F</bidder_Reference.identification>
    <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
    <bid_Quantity.amount>15000</bid_Quantity.amount>
    <min_Quantity.amount>0</min_Quantity.amount>
    <price_MeasureUnit.code>KW1</price_MeasureUnit.code>
    <currency.code>EUR</currency.code>
    <bid_Price.amount>0</bid_Price.amount>
    <status.code>62G</status.code>
  </AuctionBid_Document>
</rbp:submitAuctionBidRequest>
</rbp:SubmitAuctionBid>
</soap:Body>
</soap:Envelope>

```

### 2.6.1.2.2 AuctionBid\_Document 5.1.5

#### 2.6.1.2.2.1 Deviations from EDIG@S:

- The Currency.code value can be PCT, in this case the value of the bid\_Price.amount field is treated as a percentage value by the system and not as a foreign currency value.

#### 2.6.1.2.2.2 Structure

XML Tag	Type	Description
<b>submitAuctionBidRequest</b>		Wrapper tag containing the EDIGAS message.

#### 2.6.1.2.2.3 Example

```

<?xml version="1.0" encoding="utf-8" ?>
<q1:AuctionBid_Document release="Release" xmlns:q1="urn:easee-
gas.eu:edigas:capacitytrading:auctionbiddocument:5:1:5">
  <q1:identification>Identification</q1:identification>
  <q1:version>513</q1:version>
  <q1:type>ALN</q1:type>
  <q1:creationDateTime>2020-03-02T00:00:00</q1:creationDateTime>
  <q1:validityPeriod>2017-07-01T04:00Z/2017-08-01T04:00Z</q1:validityPeriod>
  <q1:issuer_MarketParticipant.identification codingScheme="305" />

  <q1:issuer_MarketParticipant.marketRole.code>ZSH</q1:issuer_MarketParticipant.marketRole.code>
  <q1:recipient_MarketParticipant.identification codingScheme="305" />

  <q1:recipient_MarketParticipant.marketRole.code>ZSH</q1:recipient_MarketParticipant.marketRole.co
  de>

  <q1:contractReference>ContractReference</q1:contractReference>
  <q1:contractType>ACW</q1:contractType>
  <q1:applicationContext codingScheme="305" />
  <q1:bidder_Reference.identification>BidderReference</q1:bidder_Reference.identification>
  <q1:counter_MarketParticipant.identification codingScheme="305" />
  <q1:quantity_MeasureUnit.code>KW1</q1:quantity_MeasureUnit.code>
  <q1:bid_Quantity.amount>100</q1:bid_Quantity.amount>
  <q1:min_Quantity.amount>40</q1:min_Quantity.amount>
  <q1:totalRequestedUpgrade_Quantity.amount>0</q1:totalRequestedUpgrade_Quantity.amount>
  <q1:totalRequestedConversion_Quantity.amount>0</q1:totalRequestedConversion_Quantity.amount>
  <q1:price_MeasureUnit.code>KW1</q1:price_MeasureUnit.code>
  <q1:currency.code>HUF</q1:currency.code>
  <q1:bid_Price.amount>2000</q1:bid_Price.amount>
  <q1:status.code>63G</q1:status.code>
  <q1:nomination_Account.internalAccount
codingScheme="305">Balancing0123045</q1:nomination_Account.internalAccount>
  <q1:nomination_Account.internalAccountTso codingScheme="305">21X-HU-A-A0A0A-
8</q1:nomination_Account.internalAccountTso>
  <q1:nomination_Account.externalAccount codingScheme="305"/>
  <q1:nomination_Account.externalAccountTso codingScheme="305"/>
  <q1:rollOver_Indication.indicator>01G</q1:rollOver_Indication.indicator>

```

```

<q1:termsAndConditionsAccepted_Indication.indicator>01G</q1:termsAndConditionsAccepted_Indication
.indicator>
  <q1:UpgradeReference_Document>
    <q1:identification>Identification</q1:identification>
    <q1:holdingTso_MarketParticipant.identification codingScheme="305" />
    <q1:requestedUpgrade_Quantity.amount>44</q1:requestedUpgrade_Quantity.amount>
    <q1:UpgradeInternal_Account>
      <q1:internalAccount codingScheme="305" />
      <q1:upgrade_Quantity.amount>333</q1:upgrade_Quantity.amount>
    </q1:UpgradeInternal_Account>
  </q1:UpgradeReference_Document>
  <q1:ConversionReference_Document>
    <q1:identification>MyContract_00021</q1:identification>
    <q1:holdingTso_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</q1:holdingTso_MarketParticipant.identification>
    <q1:requestedConversion_Quantity.amount>310000</q1:requestedConversion_Quantity.amount>
    <q1:ConversionInternal_Account>
      <q1:internalAccount codingScheme="305">Balancing0123045</q1:internalAccount>
      <q1:conversion_Quantity.amount>27000</q1:conversion_Quantity.amount>
    </q1:ConversionInternal_Account>
    <q1:ConversionInternal_Account>
      <q1:internalAccount codingScheme="305">Balancing0180109</q1:internalAccount>
      <q1:conversion_Quantity.amount>13000</q1:conversion_Quantity.amount>
    </q1:ConversionInternal_Account>
  </q1:ConversionReference_Document>
</q1:AuctionBid_Document>

```

### 2.6.1.3 Response message

Response message matches EDIGAS standard.

The message corresponds to the template:

**urn:easeegas.eu:edigas:general:acknowledgementdocument:5:1.**

#### 2.6.1.3.1 Structure

XML Tag	Type	Description
<b>AuctionBidDocumentResponse</b>		Wrapper tag containing the EDIGAS message.

#### 2.6.1.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <AuctionBidDocumentResponse>
      <Acknowledgement_Document
xmlns="urn:easeegas.eu:edigas:general:acknowledgementdocument:5:1">
        <Reason>
          <code xmlns="urn:easeegas.eu:edigas:general:acknowledgementdocument:5:1">01G</code>
        </Reason>
        <contractReference>12345678-RBP</contractReference>
        <contractType>ACW</contractType>
        <creationDateTime>2018-03-05T09:08:30.9583558Z</creationDateTime>
        <identification>12dfde1b11db4356b9deb5e019e3558d</identification>
        <issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</issuer_MarketParticipant.identification>
        <issuer_MarketParticipant.marketRole.code>ZSH</issuer_MarketParticipant.marketRole.code>
        <receiving_Document.creationDateTime>2018-08-
14T16:59:41.499Z</receiving_Document.creationDateTime>

```

```

<receiving_Document.identification>f2642161ggg54141bc18ea2308f9d4c8</receiving_Document.identification>
    <receiving_Document.type>ALN</receiving_Document.type>
    <receiving_Document.version>1</receiving_Document.version>
    <recipient_MarketParticipant.identification codingScheme="305"/>

<recipient_MarketParticipant.marketRole.code>ZUJ</recipient_MarketParticipant.marketRole.code>
    <type>294</type>
    <validityPeriod>2018-03-05T08:38Z/2018-03-05T09:38Z</validityPeriod>
    <version>1</version>
  </Acknowledgement_Document>
</AuctionBidDocumentResponse>
</s:Body>
</s:Envelope>

```

#### 2.6.1.4 Error codes

Errorcode	Errormessage
BD0012	Balancing group subdivision is required or balancing group subdivision is incomplete!
CL0001	Active credit limit account for the network user '{0}' cannot be found at the TSO '{1}'
CL0002	The credit limit for the network user '{0}' is suspended at the TSO '{1}'.
CL0003	The network user '{0}' does not have enough available credit at the TSO '{1}'. Available credit: {2}, amount needed for current bid: {3}.
E0020	Numeric field format is invalid!
EB0001	No previous version has been sent to this Identification, so the version can only be 1.
EB0003	The message has expired.
EB0005	Network user does not exist in the system with the specified EIC code.
EB0006	The current user does not belong to this network user.
EB0007	Current user is not allowed to bid on this auction.
EB0009	Recipient_MarketParticipant.Identification CodingScheme can only be 305.
EB0010	Recipient_MarketParticipant.Identification invalid EIC code.
EB0011	Recipient_MarketParticipant.MarketRole.Code can only be ZUJ.
EB0014	Quantity_MeasureUnit.Code does not match the auction unit of the referenced auction.
EB0015	Min_Quantity.Amount can be filled in for uniform price auction only.
EB0016	Price_MeasureUnit.Code is not equal to Quantity_MeasureUnit.Code.
EB0017	Price_MeasureUnit.Code can be filled in for uniform price auction only.
EB0018	Currency.Code can be filled in for uniform price auction only.
EB0019	Currency.Code does not match the auction's currency.
EB0020	In the case of a percentage price step, the currency field value can only be PCT.
EB0023	Only a previously created bid can be cancelled.
EB0024	The auctionBid document is not valid. Schema validation error!
EB0025	Auction type is not supported, AuctionType: {0}!
KB0001	The required capacity is more than the offered capacity.
KB0002	The required capacity is higher than in the previous bidding round.
KB0003	The required capacity is higher than it is in the last overbooked LPS round.
KB0004	The bidding time window was closed.
KB0005	More than 10 bids submitted.



<b>KB0006</b>	The given auction premium is the same as the auction premium in one of your other bid.
<b>KB0007</b>	An offer was already added.
<b>KB0008</b>	The buy-back price is higher than the maximum price given by the TSO.
<b>KB0020</b>	If a Balancing group is specified, the bid quantity must match the minimum required quantity.
<b>KB0021</b>	The capacity offered for buy-back cannot be higher than the available capacity of the NU ({0})!
<b>KB0022</b>	The auction round closed!
<b>KB0023</b>	Auction round not specified.
<b>KB0024</b>	The specified price step type is inappropriate (SPS/LPS)!
<b>KB0025</b>	There is no bid for the previous LPS round!
<b>KB0026</b>	Auction premium must be specified!
<b>KB0027</b>	The required capacity is lower than that of a subsequent bidding round.
<b>KB0028</b>	The required capacity is less than it is in the underbooked LPS round.
<b>KB0029</b>	The user is not allowed to submit bids for this auction!
<b>KB0030</b>	Network user enabled for the buyback auction not found!
<b>KB0031</b>	Auction price not found!
<b>KB0032</b>	Bidding round not found!
<b>KB0033</b>	Auction bid price not found!
<b>KB0034</b>	Bid cannot be submitted, because the related auction is not in active status!
<b>KB0036</b>	The capacity requested may not exceed the value specified in the maximum bid rate ({0}).
<b>KB0037</b>	The minimum quantity should be lower than or equal to the required quantity.
<b>KB0038</b>	There is no bid submitted for the last overbooked LPS round!
<b>KB0039</b>	There is no bid submitted for the previous SPS round!
<b>KB0041</b>	The bid cannot be withdrawn because there is a bid submitted for a subsequent bidding round (if the TSOs use balancing groups, then with that combination of balancing groups).
<b>CC0001</b>	Only a network user may create capacity conversion requests.
<b>CC0002</b>	You can only create capacity conversion requests for your own organization.
<b>CC0003</b>	The bundled auction and TSO you have chosen is not available.
<b>CC0004</b>	Invalid auction, TSO, network user, network point or direction
<b>CC0005</b>	The bundled product type must be shorter than the unbundled one.
<b>CC0006</b>	Conversion quantity cannot be higher than the quantity allocated in the bundled auction.
<b>CC0008</b>	You already have a capacity conversion request for this auction and TSO.
<b>CC0010</b>	The task cannot be performed because the entity is not in the correct status {0}!
<b>CC0011</b>	The conversion quantity must be higher than zero.
<b>CC0012</b>	The unbundled quantity must be higher than zero.
<b>CC0013</b>	Conversion quantity cannot be higher than the quantity allocated in the unbundled auction.
<b>BI0011</b>	The auction premium cannot be larger than 99999.
<b>BI0012</b>	The auction premium cannot have more than 5 decimal digits.

## 2.7 FCFS trades

### 2.7.1 Query FCFS trade data (GetFCFS Trades)

Service is provided for TSOs and Network Users.

#### 2.7.1.1 Description

Both Network Users and TSOs can query on the created FCFS trades.

Both for Network Users and TSOs still only queries on trades may be called in which they are involved.

#### 2.7.1.2 Request message

In its request message, the caller party provides the query time interval.

##### 2.7.1.2.1 Structure

XML Tag	Type	Description
<b>from</b>	DateTime	Start of Query Interval
<b>to</b>	DateTime	End of Query interval

##### 2.7.1.2.2 Example

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soap:Header/>
  <soap:Body>
    <rbp:getFCFSTradeRequest>
      <rbp:from>2020.10.04</rbp:from>
      <rbp:to>2020.10.29</rbp:to>
    </rbp:getFCFSTradeRequest>
  </soap:Body>
</soap:Envelope>
```

#### 2.7.1.3 Response message

The response message retrieves the FCFS trades if filed in which the caller is involved or possible Error codes may be included.

##### 2.7.1.3.1 Structure

XML Tag	Type	Description
<b>tradeCode</b>	String(200)	Trade identifier
<b>tsoEic</b>	String(16)	Offering TSO's EIC Code
<b>tsoName</b>	String(200)	Name of offering TSO
<b>networkUserEic</b>	String(16)	Network User EIC code
<b>networkUserName</b>	String(200)	Network User name
<b>networkPointEic</b>	String(16)	EIC code of the network point involved in FCFS trade
<b>networkPointName</b>	String(200)	Name of the network point involved in FCFS trade
<b>exitTsoEic</b>	String(16)	EIC code for Exit TSO from view of capacity flow direction involved in the trade
<b>entryTsoEic</b>	String(16)	EIC code for Entry TSO from view of capacity

		flow direction involved in the trade
<b>capacityQuality</b>	String(100)	Capacity quality Value set according to the Capacity Quality Code library (Code field).
<b>validityStart</b>	<u>DateTime</u>	Start of the capacity period involved in the trade (EDIGAS format)
<b>validityEnd</b>	<u>DateTime</u>	End of the capacity period involved in the trade (EDIGAS format)
<b>capacity</b>	Int32	The amount of booked capacity
<b>balancingGroupCode</b>	String(100)	Code of the balancing group
<b>capacityUpgradeContractId</b>	String(200)	Upgrade contract identification
<b>capacityUpgradeQuantity</b>	Int32	Upgrade quantity
<b>capacityUpgradeBalancingGroupCode</b>	String(100)	Code of the upgrade balancing group
<b>price</b>	Decimal(28,12)	Capacity fees, with these types: capacity-fee, biogas-contribution-fee, gas-quality-conversion-fee, measuring-fee, measuring-operations-fee, total-charge

#### 2.7.1.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getFCFSTradeResponse xmlns="http://rbp.hu">
      <trade>
        <tradeCode>00000002-FCFS-RBP</tradeCode>
        <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
        <tsoName>FGSZ Zrt.</tsoName>
        <networkUserEic>14XEGL-P0000000B</networkUserEic>
        <networkUserName>Axpo Austria Gmbh</networkUserName>
        <networkPointEic>39ZKAABA00011GNE</networkPointEic>
        <networkPointName>Aba</networkPointName>
        <exitTsoEic>21X-HU-A-A0A0A-8</exitTsoEic>
        <entryTsoEic/>
        <capacityQuality>FZK</capacityQuality>
        <validityStart>2020-11-01T05:00:00Z</validityStart>
        <validityEnd>2020-12-01T05:00:00Z</validityEnd>
        <capacity>100</capacity>
        <capacityUnit>KW1</capacityUnit>
        <currency>HUF</currency>
        <balancingGroupCode>FGSZ_0001</balancingGroupCode>
        <capacityUpgradeQuantity xsi:nil="true"/>
        <capacityUpgradeBalancingGroupCode/>
        <price type="capacity-fee">0.355737704900</price>
        <price type="biogas-contribution-fee">0.053784153010</price>
        <price type="gas-quality-conversion-fee">0.049040983610</price>
        <price type="measuring-fee">0.002214043716</price>
        <price type="measuring-operations-fee">0.002214043716</price>
        <price type="total-charge">0.462990928952</price>
      </trade>
    </trade>
  </s:Body>
</s:Envelope>

```

```

<tradeCode>00000013-FCFS-RBP</tradeCode>
<tsoEic>21X-HU-A-A0A0A-8</tsoEic>
<tsoName>FGSZ Zrt.</tsoName>
<networkUserEic>14XEGL-P0000000B</networkUserEic>
<networkUserName>Axpo Austria Gmbh</networkUserName>
<networkPointEic>39ZKAABA00011GNE</networkPointEic>
<networkPointName>Aba</networkPointName>
<exitTsoEic/>
<entryTsoEic>21X-HU-A-A0A0A-8</entryTsoEic>
<capacityQuality>FIRM</capacityQuality>
<validityStart>2020-10-11T04:00:00Z</validityStart>
<validityEnd>2020-10-12T04:00:00Z</validityEnd>
<capacity>10</capacity>
<capacityUnit>KW1</capacityUnit>
<currency>HUF</currency>
<balancingGroupCode/>
<capacityUpgradeContractId>FGSZ/RBP/001234</capacityUpgradeContractId>
<capacityUpgradeQuantity>5</capacityUpgradeQuantity>
<capacityUpgradeBalancingGroupCode>FGSZ_0001</capacityUpgradeBalancingGroupCode>
<price type="capacity-fee">0.355737704900</price>
<price type="biogas-contribution-fee">0.053784153010</price>
<price type="gas-quality-conversion-fee">0.049040983610</price>
<price type="measuring-fee">0.002214043716</price>
<price type="measuring-operations-fee">0.002214043716</price>
<price type="total-charge">100.462990928952</price>
</trade>
</getFCFSTradeResponse>
</s:Body>
</s:Envelope>

```

#### 2.7.1.4 Error codes

Errorcode	Errormessage
<b>GT0001</b>	The interval specified in the query is larger than the number of days allowed in the relevant system parameter! Interval: {0}, parameter: {1}!

## 2.8 Comfort Bids

### 2.8.1 Get submittable comfort bid sets (GetSubmittableComfortBidSets)

Service is provided for Network Users.

#### 2.8.1.1 Description

The service will return every creatable comfortbid set for the requesting network user. Already existing comfort bids are also retrieved based on the data provided in the request.

#### 2.8.1.2 Request message

In the request message, the caller party provides detailed information about the comfort bid sets which could be submitted later on.

### 2.8.1.2.1 Structure

XML Tag	Type	Description
<b>TSOEICCode</b>	String(16)	TSO EIC Code.  All valid network points related to the submitted TSO will be present in the response
<b>ProductTypeCode</b>	String(100)	Product type  Value set according to the Product type code library (Code1 field).
<b>AuctionTypeCode</b>	String(200)	Auction Algorithm Type  Value set according to the Auction type code library (Code column).
<b>IntervalStart</b>	DateTime	Start period of the comfort bid set  Value must be the beginning date time of the selected product type in UTC
<b>IntervalEnd</b>	DateTime	End period of the comfort bid set  Value must be the end date time of the selected product type in UTC
<b>AuctionPremiumTypeCode</b>	String(200)	Auction premium type code  Value set according to the Price step mode code library (Code column).
<b>CapacityTypeCode</b>	String(200)	Capacity type  Value set according to the Capacity type code library (Code field).
<b>MeasureUnitTypeCode</b>	String(3)	Comfort bid set measuring unit  Value set according to the Auction unit code library (EDIGAS code column)
<b>GasFlow</b>	String(200)	Comfort bid set direction  Value set according to Gas flow Code library (Code Field).
<b>OfferLevelId</b>	Int32	Offer level Id for incremental auctions
<b>Currency</b>	String(3)	Currency code
<b>BalancingGroupCodeExitTSO</b>	String(200)	Balancing Group Code of the corresponding Exit TSO
<b>BalancingGroupCodeEntryTSO</b>	String(200)	Balancing Group Code of the corresponding Entry TSO
<b>NetworkPointEIC</b>	String(16)	Network point EIC  If the field is given, the output list will be filtered based on the value of the EIC Code

### 2.8.1.2.2 Example

```

<rbp:ComfortBidSetExportRequest>
  <rbp:TSOEICCode>21X-HU-A-A0A0A-8</rbp:TSOEICCode>
  <rbp:AuctionPremiumTypeCode>Percentage</rbp:AuctionPremiumTypeCode>
  <rbp:AuctionTypeCode>UniformPrice</rbp:AuctionTypeCode>
  <rbp:BalancingGroupCodeEntryTSO></rbp:BalancingGroupCodeEntryTSO>
  <rbp:BalancingGroupCodeExitTSO></rbp:BalancingGroupCodeExitTSO>
  <rbp:CapacityTypeCode>Unbundled</rbp:CapacityTypeCode>
  <rbp:Currency></rbp:Currency>
  <rbp:GasFlow>PHYSICAL</rbp:GasFlow>
  <rbp:IntervalStart>2021-10-03T04:00:00</rbp:IntervalStart>
  <rbp:IntervalEnd>2021-10-10T04:00:00</rbp:IntervalEnd>
  <rbp:MeasureUnitTypeCode>KW1</rbp:MeasureUnitTypeCode>
  <rbp:NetworkPointEIC></rbp:NetworkPointEIC>
  <rbp:ProductTypeCode>DAYAHEAD</rbp:ProductTypeCode>
  <rbp:OfferLevelId xsi:nil="true"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" />
</rbp:ComfortBidSetExportRequest>

```

### 2.8.1.3 Response message

The response message contains all possible creatable comfort bid sets for all network points related to the provided TSO EIC in request message.

Please note that response may contain already existing comfort bid sets (related to the caller network user) based on the submitted export request.

#### 2.8.1.3.1 Structure

XML Tag	Type	Description
<b>NetworkPointName</b>	String(200)	Network Point Name
<b>NetworkPointEIC</b>	String(16)	Network Point EIC Code
<b>ProductTypeCode</b>	String(200)	Product type Value set according to the Product type code library (Code1 field).
<b>AuctionTypeCode</b>	String(200)	Auction Type Value set according to the Auction type code library (Code column).
<b>IntervalStart</b>	DateTime	Start period of the comfort bid set
<b>IntervalEnd</b>	DateTime	End period of the comfort bid set
<b>ConcernedTSO</b>	String(16)	EIC Code of the concerned TSO
<b>ExitTSO</b>	String(16)	EIC code for Exit TSO from view of capacity flow direction involved in the comfort bid
<b>EntryTSO</b>	String(16)	EIC code for Entry TSO from view of

		capacity flow direction involved in the comfort bid
<b>ProductQualityExitTSO</b>	String(100)	Product quality for Exit TSO  Value set according to the Capacity Quality Code library (Code field).
<b>ProductQualityEntryTSO</b>	String(100)	Product quality for Entry TSO  Value set according to the Capacity Quality Code library (Code field).
<b>CapacityTypeCode</b>	String(200)	Capacity type  Value set according to the Capacity type code library (Code field).
<b>AuctionPremiumTypeCode</b>	String(100)	Auction premium type code  Value set according to the Price step mode code library (Code column).
<b>MeasureUnitTypeCode</b>	String(100)	Comfort bid set measuring unit  Value set according to the Auction unit code library (EDIGAS code column)
<b>OfferLevelId</b>	Int32	Offer level id for incremental auctions
<b>GasFlow</b>	String(200)	Comfort bid set direction  Value set according to Gas flow Code library (Code Field).
<b>Currency</b>	String(3)	Currency code
<b>BalancingGroupCodeExitTSO</b>	String(200)	Balancing Group Code of the corresponding Exit TSO
<b>BalancingGroupCodeEntryTSO</b>	String(200)	Balancing Group Code of the corresponding Entry TSO
<b>GTCAcceptanceIndicator</b>	Boolean	GTC Acceptance Indicator
<b>BidQuantity</b>	Int32	Quantity of the comfort bid
<b>LPS</b>	Int32	Round ordinal of auction (Only in case of Ascending clock auctions)
<b>Premium</b>	Decimal(28,12)	Auction premium of the comfort bid  Only in case of uniform price auctions
<b>MinimumBidQuantity</b>	Int32	Minimum accepted bid quantity of the comfort bid  Only in case of uniform price auctions
<b>BidRollover</b>	Boolean	Bid Rollover indicator for comfort bid  Only in case of uniform price dayahead auctions

### 2.8.1.3.2 Example

```
<ComfortBidSetExportResponse xmlns="http://rbp.hu">
  <ComfortBidSetDTO>
    <NetworkPointName>Aba</NetworkPointName>
    <NetworkPointEIC>39ZKAABA00011GNE</NetworkPointEIC>
    <ProductTypeCode>DAYAHEAD</ProductTypeCode>
    <AuctionTypeCode>UniformPrice</AuctionTypeCode>
    <IntervalStart>2021-10-03T04:00:00</IntervalStart>
    <IntervalEnd>2021-10-10T04:00:00</IntervalEnd>
    <ConcernedTSO xsi:nil="true"/>
    <ExitTSO xsi:nil="true"/>
    <EntryTSO xsi:nil="true"/>
    <ProductQualityExitTSO xsi:nil="true"/>
    <ProductQualityEntryTSO xsi:nil="true"/>
    <CapacityTypeCode>Unbundled</CapacityTypeCode>
    <AuctionPremiumTypeCode>Percentage</AuctionPremiumTypeCode>
    <MeasureUnitTypeCode>KW1</MeasureUnitTypeCode>
    <OfferLevelId xsi:nil="true"/>
    <Gasflow>Physical</Gasflow>
    <Currency/>
    <GTCAcceptanceIndicator xsi:nil="true"/>
    <ComfortBid>
      <BidQuantity>150</BidQuantity>
      <LPS xsi:nil="true"/>
      <Premium>15</Premium>
      <MinimumQuantity xsi:nil="true"/>
      <BidRollover xsi:nil="true"/>
    </ComfortBid>
    <ComfortBid>
      <BidQuantity>150</BidQuantity>
      <LPS xsi:nil="true"/>
      <Premium>25</Premium>
      <MinimumQuantity xsi:nil="true"/>
      <BidRollover xsi:nil="true"/>
    </ComfortBid>
  </ComfortBidSetDTO>
  <ComfortBidSetDTO>
    <NetworkPointName>Abaújkér</NetworkPointName>
    <NetworkPointEIC>39ZMIABAUJK11GNS</NetworkPointEIC>
    <ProductTypeCode>DAYAHEAD</ProductTypeCode>
    <AuctionTypeCode>UniformPrice</AuctionTypeCode>
    <IntervalStart>2021-10-03T04:00:00</IntervalStart>
    <IntervalEnd>2021-10-10T04:00:00</IntervalEnd>
    <ConcernedTSO xsi:nil="true"/>
    <ExitTSO xsi:nil="true"/>
    <EntryTSO xsi:nil="true"/>
    <ProductQualityExitTSO xsi:nil="true"/>
    <ProductQualityEntryTSO xsi:nil="true"/>
    <CapacityTypeCode>Unbundled</CapacityTypeCode>
    <AuctionPremiumTypeCode>Percentage</AuctionPremiumTypeCode>
    <MeasureUnitTypeCode>KW1</MeasureUnitTypeCode>
    <OfferLevelId xsi:nil="true"/>
    <Gasflow>Physical</Gasflow>
    <Currency/>
    <GTCAcceptanceIndicator xsi:nil="true"/>
    <ComfortBid>
```



```

        <BidQuantity>0</BidQuantity>
        <LPS xsi:nil="true"/>
        <Premium xsi:nil="true"/>
        <MinimumQuantity xsi:nil="true"/>
        <BidRollover xsi:nil="true"/>
    </ComfortBid>
</ComfortBidSetDTO>
</ComfortBidSetExportResponse>

```

#### 2.8.1.4 Error codes

Error code	Error message
<b>E0006</b>	'{0}' - '{1}' invalid value
<b>CB0011</b>	The value of {0} cannot be negative!
<b>CM0027</b>	The given period ({0} {1}) is invalid!

### 2.8.2 Get submittable comfort bid sets V2 (GetSubmittableComfortBidSetsV2)

Service is provided for Network Users.

#### 2.8.2.1 Description

Version 2 of comfortbid set query service, this chapter only describes the differences compared to GetSubmittableComfortBidSets.

#### 2.8.2.2 Response message

##### 2.8.2.2.1 Structure

XML Tag	Type	Description
StorageQuality	String(100)	Product quality for storage capacities  Value set according to the Capacity Quality Code library (Code field).

##### 2.8.2.2.2 Example

```

<ComfortBidSetExportResponseV2 xmlns="http://rbp.hu">
  <ComfortBidSetDTO>
    <NetworkPointName>Aba</NetworkPointName>
    <NetworkPointEIC>39ZKAABA00011GNE</NetworkPointEIC>
    <ProductTypeCode>DAYAHEAD</ProductTypeCode>
    <AuctionTypeCode>UniformPrice</AuctionTypeCode>
    <IntervalStart>2021-10-03T04:00:00</IntervalStart>
    <IntervalEnd>2021-10-10T04:00:00</IntervalEnd>
    <ConcernedTSO xsi:nil="true"/>
    <ExitTSO xsi:nil="true"/>
    <EntryTSO xsi:nil="true"/>
    <ProductQualityExitTSO xsi:nil="true"/>
    <ProductQualityEntryTSO xsi:nil="true"/>
    <StorageQuality xsi:nil="true"/>
    <CapacityTypeCode>Unbundled</CapacityTypeCode>
    <AuctionPremiumTypeCode>Percentage</AuctionPremiumTypeCode>
    <MeasureUnitTypeCode>KW1</MeasureUnitTypeCode>
  </ComfortBidSetDTO>
</ComfortBidSetExportResponseV2>

```

```

<OfferLevelId xsi:nil="true"/>
<Gasflow>Physical</Gasflow>
<Currency/>
<GTCAcceptanceIndicator xsi:nil="true"/>
<ComfortBid>
  <BidQuantity>150</BidQuantity>
  <LPS xsi:nil="true"/>
  <Premium>15</Premium>
  <MinimumQuantity xsi:nil="true"/>
  <BidRollover xsi:nil="true"/>
</ComfortBid>
<ComfortBid>
  <BidQuantity>150</BidQuantity>
  <LPS xsi:nil="true"/>
  <Premium>25</Premium>
  <MinimumQuantity xsi:nil="true"/>
  <BidRollover xsi:nil="true"/>
</ComfortBid>
</ComfortBidSetDTO>
</ComfortBidSetExportResponseV2>

```

### 2.8.3 Submit comfort bid sets (ImportComfortBidSets)

Service is provided for Network Users.

#### 2.8.3.1 Description

The service is used for creating multiple comfort bid sets in a single request. The caller party provides detailed information about the comfort bid set(s) which could be submitted in the request.

Please note that only *ComfortBid* elements could be modified regarding already existing comfort bid(s). Field changes made to existing comfort bid sets will be considered as **new comfort bid set** request.

#### 2.8.3.2 Request message

The request message contains a list of comfort bid sets. Each element will create a new set in the application **or** update the corresponding **bid list** provided in the message

##### 2.8.3.2.1 Structure

XML Tag	Type	Description
<b>NetworkPointName</b>	String(200)	Network Point Name  Not taken into consideration during submission
<b>NetworkPointEIC</b>	String(16)	Network Point EIC Code
<b>ProductTypeCode</b>	String(200)	Product type  Value set according to the Product type code library (Code1 field).
<b>AuctionTypeCode</b>	String(200)	Auction Type  Value set according to the Auction type code library (Code column).

<b>IntervalStart</b>	DateTime	Start period of the comfort bid set
<b>IntervalEnd</b>	DateTime	End period of the comfort bid set
<b>ConcernedTSO</b>	String(16)	EIC Code of the concerned TSO
<b>ExitTSO</b>	String(16)	EIC code for Exit TSO from view of capacity flow direction involved in the comfort bid
<b>EntryTSO</b>	String(16)	EIC code for Entry TSO from view of capacity flow direction involved in the comfort bid
<b>ProductQualityExitTSO</b>	String(100)	Product quality for Exit TSO  Value set according to the Capacity Quality Code library (Code field).
<b>CapacityTypeCode</b>	String(200)	Capacity type  Value set according to the Capacity type code library (Code field).
<b>ProductQualityEntryTSO</b>	String(100)	Product quality for Entry TSO  Value set according to the Capacity Quality Code library (Code field).
<b>AuctionPremiumTypeCode</b>	String(100)	Auction premium type code  Value set according to the Price step mode code library (Code column).
<b>MeasureUnitTypeCode</b>	String(100)	Comfort bid set measuring unit  Value set according to the Auction unit code library (EDIGAS code column)
<b>OfferLevelId</b>	Int32	Offer level id for incremental auctions
<b>GasFlow</b>	String(200)	Comfort bid set direction  Value set according to Gas flow Code library (Code Field).
<b>Currency</b>	String(3)	Currency code
<b>BalancingGroupCodeExitTSO</b>	String(200)	Balancing Group Code of the corresponding Exit TSO
<b>BalancingGroupCodeEntryTSO</b>	String(200)	Balancing Group Code of the corresponding Entry TSO
<b>GTCAcceptanceIndicator</b>	Boolean	GTC Acceptance Indicator
<b>BidQuantity</b>	Int32	Quantity of the comfort bid
<b>LPS</b>	Int32	Round ordinal of auction (Only in case of Ascending clock auctions)
<b>Premium</b>	Decimal(28,12)	Auction premium of the comfort bid  Only in case of uniform price auctions
<b>MinimumBidQuantity</b>	Int32	Minimum accepted bid quantity of the comfort bid

		Only in case of uniform price auctions
<b>BidRollover</b>	Boolean	Bid Rollover indicator for comfort bid
		Only in case of uniform price dayahead auctions

### 2.8.3.2.2 Example

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:rbp="https://rbp.eu">
  <soap:Header/>
  <soap:Body>
    <rbp:ComfortBidSetImportRequest>
      <rbp:ComfortBidSetDTO>
        <rbp:NetworkPointName>Aba</rbp:NetworkPointName>
        <rbp:NetworkPointEIC>39ZKAABA00011GNE</rbp:NetworkPointEIC>
        <rbp:ProductTypeCode>YEARLY</rbp:ProductTypeCode>
        <rbp:AuctionTypeCode>AscendingClock</rbp:AuctionTypeCode>
        <rbp:IntervalStart>2021-10-01T04:00:00</rbp:IntervalStart>
        <rbp:IntervalEnd>2023-10-01T04:00:00</rbp:IntervalEnd>
        <rbp:ConcernedTSO />
        <rbp:ExitTSO>21X-HU-A-A0A0A-8</rbp:ExitTSO>>
        <rbp:EntryTSO />
        <rbp:ProductQualityExitTSO>FIRM</rbp:ProductQualityExitTSO>
        <rbp:ProductQualityEntryTSO />
        <rbp:CapacityTypeCode>Unbundled</rbp:CapacityTypeCode>

        <rbp:AuctionPremiumTypeCode>AbsoluteValue</rbp:AuctionPremiumTypeCode>
        <rbp:MeasureUnitTypeCode>KW1</rbp:MeasureUnitTypeCode>
        <rbp:OfferLevelId xsi:nil="true"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
        <rbp:Gasflow>Physical</rbp:Gasflow>
        <rbp:Currency />
        <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
        <rbp:ComfortBid>
          <rbp:BidQuantity>250</rbp:BidQuantity>
          <rbp:LPS>1</rbp:LPS>
        </rbp:ComfortBid>
        <rbp:ComfortBid>
          <rbp:BidQuantity>250</rbp:BidQuantity>
          <rbp:LPS>2</rbp:LPS>
        </rbp:ComfortBid>
        <rbp:ComfortBid>
          <rbp:BidQuantity>190</rbp:BidQuantity>
          <rbp:LPS>3</rbp:LPS>
        </rbp:ComfortBid>
        <rbp:ComfortBid>
          <rbp:BidQuantity>150</rbp:BidQuantity>
          <rbp:LPS>4</rbp:LPS>
        </rbp:ComfortBid>
      </rbp:ComfortBidSetDTO>
    <rbp:ComfortBidSetDTO>
      <rbp:NetworkPointName>Aba</rbp:NetworkPointName>
      <rbp:NetworkPointEIC>39ZKAABA00011GNE</rbp:NetworkPointEIC>

```

```

    <rbp:ProductTypeCode>DAYAHEAD</rbp:ProductTypeCode>
    <rbp:AuctionTypeCode>UniformPrice</rbp:AuctionTypeCode>
    <rbp:IntervalStart>2021-07-01T04:00:00</rbp:IntervalStart>
    <rbp:IntervalEnd>2021-07-15T04:00:00</rbp:IntervalEnd>
    <rbp:ConcernedTSO />
    <rbp:ExitTSO>21X-HU-A-A0A0A-8</rbp:ExitTSO>
    <rbp:EntryTSO />
    <rbp:ProductQualityExitTSO>FIRM</rbp:ProductQualityExitTSO>
    <rbp:ProductQualityEntryTSO/>
    <rbp:CapacityTypeCode>Unbundled</rbp:CapacityTypeCode>

<rbp:AuctionPremiumTypeCode>Percentage</rbp:AuctionPremiumTypeCode>
  <rbp:MeasureUnitTypeCode>KW1</rbp:MeasureUnitTypeCode>
  <rbp:Gasflow>Physical</rbp:Gasflow>
  <rbp:Currency />
  <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
  <rbp:ComfortBid>
    <rbp:BidQuantity>250</rbp:BidQuantity>
    <rbp:Premium>25</rbp:Premium>
    <rbp:MinimumQuantity>215</rbp:MinimumQuantity>
  </rbp:ComfortBid>
  <rbp:ComfortBid>
    <rbp:BidQuantity>150</rbp:BidQuantity>
    <rbp:Premium>26</rbp:Premium>
    <rbp:MinimumQuantity>125</rbp:MinimumQuantity>
  </rbp:ComfortBid>
</rbp:ComfortBidSetDTO>
<rbp:ComfortBidSetDTO>
  <rbp:NetworkPointName>Abaujker</rbp:NetworkPointName>
  <rbp:NetworkPointEIC>39ZMIABAUJK11GNS</rbp:NetworkPointEIC>
  <rbp:ProductTypeCode>DAYAHEAD</rbp:ProductTypeCode>
  <rbp:AuctionTypeCode>Prorata</rbp:AuctionTypeCode>
  <rbp:IntervalStart>2021-07-01T04:00:00</rbp:IntervalStart>
  <rbp:IntervalEnd>2021-07-10T04:00:00</rbp:IntervalEnd>
  <rbp:ConcernedTSO />
  <rbp:ExitTSO>21X-HU-A-A0A0A-8</rbp:ExitTSO>
  <rbp:EntryTSO />
  <rbp:ProductQualityExitTSO>FIRM</rbp:ProductQualityExitTSO>
  <rbp:ProductQualityEntryTSO />
  <rbp:CapacityTypeCode>Unbundled</rbp:CapacityTypeCode>
  <rbp:AuctionPremiumTypeCode></rbp:AuctionPremiumTypeCode>
  <rbp:MeasureUnitTypeCode>KW1</rbp:MeasureUnitTypeCode>
  <rbp:Gasflow>Physical</rbp:Gasflow>
  <rbp:Currency />
  <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
  <rbp:ComfortBid>
    <rbp:BidQuantity>250</rbp:BidQuantity>
  </rbp:ComfortBid>
</rbp:ComfortBidSetDTO>
</rbp:ComfortBidSetImportRequest>
</soap:Body>
</soap:Envelope>

```

### 2.8.3.3 Response message

The response message contains the status of the comfort bid set import request or possible error messages may be included.

#### 2.8.3.3.1 Structure

XML Tag	Type	Description
<b>ComfortBidSetsImportResponse</b>		Wrapper tag containing an empty result object.

#### 2.8.3.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/INUServiceSoapWrapper/ImportComfortBidSetsR
esponse</a:Action>
    <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <u:Timestamp u:Id="_0">
        <u:Created>2021-05-10T13:29:31.481Z</u:Created>
        <u:Expires>2021-05-10T13:34:31.481Z</u:Expires>
      </u:Timestamp>
    </o:Security>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <ComfortBidSetsImportResponse xmlns="http://rbp.hu">
      <return/>
    </ComfortBidSetsImportResponse>
  </s:Body>
</s:Envelope>
```

#### 2.8.3.4 Error codes

Error code	Error message
<b>E0006</b>	'{0}' - '{1}' invalid value
<b>E0015</b>	Field is required! – {0}
<b>CM0027</b>	The given period ({0} {1}) is invalid!
<b>CB0001</b>	There is already a comfort bid profile with the specified product parameters in the defined interval. (Set identifiers : {0}. Delete these comfort bid sets in case of Excel/SOAP operation!)
<b>CB0002</b>	At the TSO selected, bid submission is not permitted
<b>CB0003</b>	The required capacity ({0}) is higher than the one for the previous bidding round.
<b>CB0004</b>	The given auction premium is the same as the auction premium in another bid
<b>CB0005</b>	More than {0} bids submitted.
<b>CB0006</b>	Only a network user may manage bid profile.
<b>CB0007</b>	Bid Profile may be created at most 1 year prior to the relevant auction.
<b>CB0008</b>	Interval start cannot be later than Interval end.
<b>CB0009</b>	Interval is inappropriate for the validity of the network point.

CB0010	Bid Profile may be only created prior to the relevant period.
CB0011	The value of {0} cannot be negative!
CB0012	Incorrect {0} and {1} value combination: {2} - {3}!
CB0013	Inconsistent values of {0} in the following rows: {1}
CB0014	Algorithm type does not match with the import schema! (Schema: {0} - Row: {1})
CB0015	Duplicated template profiles in soap message!
CB0016	Offer Level Id is only valid at Yearly product type.
CB0017	The Offer Level Id cannot be a negative number!
CB0018	In case of {0} auction type, {1} is required.
CB0019	In case of {0} auction type, {1} is not interpreted.
CB0020	No bid(s) in profile template.
CB0021	The {0} field is required if {1} has value!
CB0022	Interval Start must be a beginning of {0}.
CB0023	Interval End must be an end of {0}.

## 2.8.4 Submit comfort bid sets V2 (ImportComfortBidSetsV2)

Service is provided for Network Users.

### 2.8.4.1 Description

Version 2 of comfortbid set submit service, this chapter only describes the differences compared to ImportComfortBidSets.

### 2.8.4.2 Request message

#### 2.8.4.2.1 Structure

XML Tag	Type	Description
StorageQuality	String(100)	Product quality for storage capacities  Value set according to the Capacity Quality Code library (Code field).

#### 2.8.4.2.2 Example

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:rpb="https://rpb.eu">
  <soap:Header/>
  <soap:Body>
    <rpb:ComfortBidSetImportRequestV2>
      <rpb:ComfortBidSetDTO>
        <rpb:NetworkPointName>StoragePoint</rpb:NetworkPointName>
        <rpb:NetworkPointEIC>39ZKAABA00011GNE</rpb:NetworkPointEIC>
        <rpb:ProductTypeCode>DAYAHEAD</rpb:ProductTypeCode>
        <rpb:AuctionTypeCode>UniformPrice</rpb:AuctionTypeCode>
        <rpb:IntervalStart>2021-07-01T04:00:00</rpb:IntervalStart>
        <rpb:IntervalEnd>2021-07-15T04:00:00</rpb:IntervalEnd>
        <rpb:ConcernedTSO />
        <rpb:ExitTSO />
        <rpb:EntryTSO />
        <rpb:ProductQualityExitTSO />
        <rpb:ProductQualityEntryTSO/>
        <rpb:StorageQuality>FIRM</rpb:StorageQuality>
      </rpb:ComfortBidSetDTO>
    </rpb:ComfortBidSetImportRequestV2>
  </soap:Body>
</soap:Envelope>
```

```

        <rbp:CapacityTypeCode>Unbundled</rbp:CapacityTypeCode>
    </rbp:AuctionPremiumTypeCode>Percentage</rbp:AuctionPremiumTypeCode>
    <rbp:MeasureUnitTypeCode>KW1</rbp:MeasureUnitTypeCode>
    <rbp:Gasflow>Physical</rbp:Gasflow>
    <rbp:Currency />
    <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
    <rbp:ComfortBid>
        <rbp:BidQuantity>250</rbp:BidQuantity>
        <rbp:Premium>25</rbp:Premium>
        <rbp:MinimumQuantity>215</rbp:MinimumQuantity>
    </rbp:ComfortBid>
    <rbp:ComfortBid>
        <rbp:BidQuantity>150</rbp:BidQuantity>
        <rbp:Premium>26</rbp:Premium>
        <rbp:MinimumQuantity>125</rbp:MinimumQuantity>
    </rbp:ComfortBid>
    </rbp:ComfortBidSetDTO>
</rbp:ComfortBidSetImportRequestV2>
</soap:Body>
</soap:Envelope>

```

## 2.9 Capacity auction

### 2.9.1 Query for Auction data (GetCapacityAuctionList)

Service provided for TSOs/SSOs and Network Users.

#### 2.9.1.1 Description

The service returns published auctions based on the submitted requirements

The following service is the same as 6.2. GetCapacityAuctionList at RBP Portal Services with the only exception of the authentication of the caller.

#### 2.9.1.2 Request message

The caller must provide a valid TSO EIC code and an opening time date range to create a successful request message. It is also possible to provide state and product type filters as well.

As a result, the caller will get an auction list based on the provided filter values. These auctions can also be found on RBP.eu website under Capacity Auctions menu item. The openingTimeFrom and openingTimeTo must be specified.

##### 2.9.1.2.1 Structure

XML Tag	Type	Description
<b>offeringTSOEICCode</b>	String(33)	EIC code of the submitting TSO
<b>openingTimeFrom</b>	DateTime	Beginning of the auction in RBP system
<b>openingTimeTo</b>	DateTime	Ending time of the auction in RBP system
<b>status</b>	String(100)	Status of the action in RBP system



<b>productType</b>	String(100)	Product type of the auction in RBP system
--------------------	-------------	---

### 2.9.1.2.2 Example

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:rbp="http://rbp.eu.service">
  <soap:Header/>
  <soap:Body>
    <rbp:GetCapacityAuctionsRequest>
      <rbp:offeringTSOEICCode>21X-HU-A-A0A0A-8</rbp:offeringTSOEICCode>
      <rbp:openingTimeFrom>2021-10-14T12:00:00</rbp:openingTimeFrom>
      <rbp:openingTimeTo>2021-10-15T15:00:00</rbp:openingTimeTo>
      <rbp:statusArray>
        <rbp:status>Closed</rbp:status>
        <rbp:status>Active</rbp:status>
      </rbp:statusArray>
      <rbp:productTypeArray>
        <rbp:productType>Day ahead</rbp:productType>
        <rbp:productType>Within Day</rbp:productType>
      </rbp:productTypeArray>
    </rbp:GetCapacityAuctionsRequest>
  </soap:Body>
</soap:Envelope>
```

### 2.9.1.3 Response message

The result will contain all published auctions based on the provided request.

#### 2.9.1.3.1 Structure

XML Tag	Type	Description
<b>id</b>	Int64	Id of the capacity auction in RBP portal system
<b>auctionCode</b>	String(200)	Code of the auction
<b>openingTimeUTC</b>	DateTime	Opening time of the auction in UTC format
<b>closedTimeUTC</b>	DateTime	Closing time of the auction in UTC format
<b>offeringExitTSOName</b>	String(200)	Offering Exit TSO's name
<b>offeringExitTSOEICCode</b>	String(33)	Offering Exit TSO's EIC
<b>offeringEntryTSOName</b>	String(200)	Offering Entry TSO's name
<b>offeringEntryTSOEICCode</b>	String(33)	Offering Entry TSO's EIC
<b>networkPointEICCode</b>	String(33)	EIC code of the network point
<b>networkPointName</b>	String(50)	Name of the network point
<b>exitTSOEICCode</b>	String(33)	EIC code of Exit TSO from view of flow direction of capacity involved in the capacity offering
<b>exitTSOName</b>	String(200)	Name of the exit TSO

<b>entryTSOEICCode</b>	String(33)	EIC code of Entry TSO from view of flow direction of capacity involved in the capacity offering
<b>entryTSOName</b>	String(200)	Name of the entry TSO
<b>productType</b>	String(100)	Value set according to the Product type code library of RBP automated interface documentation
<b>instrument</b>	String(400)	The instrument of the capacity involved in the auction
<b>capacityValidFromUTC</b>	DateTime	Start of the capacity period in UTC format
<b>capacityValidToUTC</b>	DateTime	End of the capacity period in UTC format
<b>capacityType</b>	String(100)	Value set according to the Capacity type code library of RBP automated interface documentation.
<b>qualityExitTSO</b>	String(100)	Value set according to the Capacity quality code library of RBP automated interface documentation in case of exit TSO
<b>qualityEntryTSO</b>	String(100)	Value set according to the Capacity quality code library of RBP automated interface documentation in case of exit TSO
<b>offeredCapacity</b>	Int32	Quantity of offered capacity in the auction. In case of bundled auction, the result of the bundling process.
<b>offerLevelId</b>	Int32	Offer level id for incremental auctions
<b>unitsAllocated</b>	Int32	Total allocated capacity
<b>reservePriceExitTSO</b>	Decimal(28,12)	Reserve price of exit TSO
<b>reservePriceUnitExitTSO</b>	String(30)	Unit of reserve price of exit TSO
<b>currencyExitTSO</b>	String(3)	Currency used in case of exit TSO
<b>currencyAndReservePriceUnitExitTSO</b>	String(200)	Unit of the reserve price in case of exit TSO
<b>reservePriceEntryTSO</b>	Decimal(28,12)	Reserve price of entry TSO
<b>reservePriceUnitEntryTSO</b>	String(30)	Unit of the reserve price of entry TSO
<b>currencyEntryTSO</b>	String(3)	Currency used in case of entry TSO
<b>currencyAndReservePriceUnitEntryTSO</b>	String(200)	Unit of the reserve price in case of entry TSO
<b>relativeLargePriceStep</b>	Decimal(28,12)	Large price step in percentage value.
<b>relativeSmallPriceStep</b>	Decimal(28,12)	Small price step in percentage value.

<b>absoluteLargePriceStep</b>	Decimal(28,12)	Large price step (in case of an absolute value type ACTA auction).
<b>absoluteSmallPriceStep</b>	Decimal(28,12)	Small price step (in case of an absolute value type ACTA auction).
<b>allocatedClearingUnitPriceExitTso</b>	Decimal(28,12)	Allocated clearing unit price in case of exit TSO
<b>allocatedClearingUnitPriceEntryTso</b>	Decimal(28,12)	Allocated clearing unit price in case of entry TSO
<b>auctionCharacteristics</b>	String(200)	Value set according to the Auction characteristics code library of RBP automated interface documentation.
<b>lastUpdateUTC</b>	DateTime	The last update time of the Capacity auction in UTC format
<b>postDateUTC</b>	DateTime	The last update time of the Capacity auction in UTC format  Please note, that RBP does not store the correct publication date. If the precise value needed call GetCapacityAuctionList at RBP portal Service instead.
<b>additionalTexts</b>	String(4000)	Comment
<b>Status</b>	String(100)	Status of Capacity. i.e: Active, Cancelled, Closed, Set, Setting

### 2.9.1.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/ITSOServiceSoapWrapper/GetCapacityAuctionListResponse</a:Actio
n>
    <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd">
      <u:Timestamp u:Id="_0">
        <u:Created>2021-12-02T10:14:14.777Z</u:Created>
        <u:Expires>2021-12-02T10:19:14.777Z</u:Expires>
      </u:Timestamp>
    </o:Security>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCapacityAuctionsResponse xmlns="http://rbp.eu.service">
      <CapacityAuction>
        <id>12344</id>
        <auctionCode>12344-RBP</auctionCode>
        <openingTimeUTC>2021-10-14T15:06:33</openingTimeUTC>
        <closedTimeUTC>2021-10-13T15:20:58.127</closedTimeUTC>
        <offeringExitTSOEICCode>21X-HU-A-A0A0A-8</offeringExitTSOEICCode>
        <offeringExitTSOName>FGSZ Zrt._</offeringExitTSOName>
        <networkPointEICCode>39ZVEZSAMBO13GN9</networkPointEICCode>
      </CapacityAuction>
    </GetCapacityAuctionsResponse>
  </s:Body>
</s:Envelope>
```

```

<networkPointName>Zsám bok 3</networkPointName>
<exitTSOEICCode>21X-HU-A-A0A0A-8</exitTSOEICCode>
<exitTSOName>FGSZ Zrt._</exitTSOName>
<productType>Day ahead</productType>
<instrument>2021.10.19.</instrument>
<capacityValidFromUTC>2021-10-19T04:00:00</capacityValidFromUTC>
<capacityValidToUTC>2021-10-20T04:00:00</capacityValidToUTC>
<capacityType>Unbundled</capacityType>
<qualityExitTSO>FIRM</qualityExitTSO>
<offeredCapacity>274875</offeredCapacity>
<offerLevelId xsi:nil="true"/>
<unitsAllocated>6270</unitsAllocated>
<reservePriceExitTSO>4.781445000000</reservePriceExitTSO>
<reservePriceUnitExitTSO>kWh/h/day</reservePriceUnitExitTSO>
<currencyExitTSO>HUF</currencyExitTSO>

<currencyAndReservePriceUnitExitTSO>HUF/kWh/h/day</currencyAndReservePriceUnitExitTSO>
<reservePriceEntryTSO xsi:nil="true"/>
<relativeLargePriceStep xsi:nil="true"/>
<relativeSmallPriceStep xsi:nil="true"/>
<absoluteLargePriceStep xsi:nil="true"/>
<absoluteSmallPriceStep xsi:nil="true"/>

<allocatedClearingUnitPriceExitTso>4.781445000000</allocatedClearingUnitPriceExitTso>
<allocatedClearingUnitPriceEntryTso xsi:nil="true"/>
<auctionCharacteristics>Normal</auctionCharacteristics>
<lastUpdateUTC>2021-10-13T15:20:58.127</lastUpdateUTC>
<postDateUTC>2021-10-13T15:20:58.127</postDateUTC>
<additionalTexts>Additional information from [FGSZ.TSO]: extra
information</additionalTexts>
<status>Closed</status>
</CapacityAuction>
<CapacityAuction>
<id>12345</id>
<auctionCode>12345-RBP</auctionCode>
<openingTimeUTC>2021-10-15T10:00:52</openingTimeUTC>
<closedTimeUTC>2021-10-15T10:07:54</closedTimeUTC>
<offeringExitTSOEICCode>21X-AT-B-A0A0A-K</offeringExitTSOEICCode>
<offeringExitTSOName>GAS CONNECT AUSTRIA GmbH</offeringExitTSOName>
<offeringEntryTSOEICCode>21X-HU-A-A0A0A-8</offeringEntryTSOEICCode>
<offeringEntryTSOName>FGSZ Zrt._</offeringEntryTSOName>
<networkPointEICCode>21Z000000000003C</networkPointEICCode>
<networkPointName>Mosonmagyaróvar (AT) / Mosonmagyaróvár (HU)</networkPointName>
<exitTSOEICCode>21X-AT-B-A0A0A-K</exitTSOEICCode>
<exitTSOName>GAS CONNECT AUSTRIA GmbH</exitTSOName>
<entryTSOEICCode>21X-HU-A-A0A0A-8</entryTSOEICCode>
<entryTSOName>FGSZ Zrt._</entryTSOName>
<productType>Day ahead</productType>
<instrument>2021.10.19.</instrument>
<capacityValidFromUTC>2021-10-01T04:00:00</capacityValidFromUTC>
<capacityValidToUTC>2021-11-01T05:00:00</capacityValidToUTC>
<capacityType>Bundled</capacityType>
<qualityExitTSO>FIRM</qualityExitTSO>
<qualityEntryTSO>FIRM</qualityEntryTSO>
<offeredCapacity>2500</offeredCapacity>
<offerLevelId xsi:nil="true"/>
<unitsAllocated>2000</unitsAllocated>
<reservePriceExitTSO>10.000000000000</reservePriceExitTSO>
<reservePriceUnitExitTSO>kWh/h/month</reservePriceUnitExitTSO>
<currencyExitTSO>EUR</currencyExitTSO>

<currencyAndReservePriceUnitExitTSO>EUR/kWh/h/month</currencyAndReservePriceUnitExitTSO>
<reservePriceEntryTSO>10.000000000000</reservePriceEntryTSO>
<reservePriceUnitEntryTSO>kWh/h/month</reservePriceUnitEntryTSO>
<currencyEntryTSO>HUF</currencyEntryTSO>

<currencyAndReservePriceUnitEntryTSO>HUF/kWh/h/month</currencyAndReservePriceUnitEntryTSO>
<relativeLargePriceStep>10.000000000000</relativeLargePriceStep>
<relativeSmallPriceStep>2.000000000000</relativeSmallPriceStep>
<absoluteLargePriceStep xsi:nil="true"/>
<absoluteSmallPriceStep xsi:nil="true"/>

```

```

<allocatedClearingUnitPriceExitTso>10.120000000000</allocatedClearingUnitPriceExitTso>
<allocatedClearingUnitPriceEntryTso>10.120000000000</allocatedClearingUnitPriceEntryTso>
  <auctionCharacteristics>Normal</auctionCharacteristics>
  <lastUpdateUTC>2021-07-07T10:07:54</lastUpdateUTC>
  <postDateUTC>2021-07-07T10:07:54</postDateUTC>
  <additionalTexts>Additional information from [GCA.TSO]: additional
info;Additional information from [FGSZ.TSO]: additional info</additionalTexts>
  <status>Closed</status>
</CapacityAuction>
</GetCapacityAuctionsResponse>
</s:Body>
</s:Envelope>

```

#### 2.9.1.4 Error codes

Error code	Error message
CA0005	The request was rejected because the previous had not yet expired ({0} UTC). Try again in {1} seconds!
CA0006	Start time can not be later than end time!
E0015	Field is required! – {0}
KT0009	TSO EIC code does not exist {0} {1}!
GT0001	The interval specified in the query is larger than the number of days allowed in the relevant system parameter! Interval: {0}, parameter: {1}!
BD0015	The {0} field contains invalid value ({1})!

### 2.9.2 Query for Auction data V2 (GetCapacityAuctionListV2)

Service provided for TSOs/SSOs and Network Users.

#### 2.9.2.1 Description

Version 2 of auction data query service, this chapter only describes the differences compared to GetCapacityAuctionList.

#### 2.9.2.2 Response message

##### 2.9.2.2.1 Structure

XML Tag	Type	Description
storageReservePrice	Decimal(28,12)	Reserve price for storage aucitons
storageReservePriceUnit	String(30)	Reserve price unit and currency for storage auctions
storageQuality	String(100)	Product quality for storage capacities  Value set according to the Capacity Quality Code library (Code field).
injectionQuantity	Int32	Injection quantity (Z02)
injectionMeasureUnit	String(100)	Injection capacity measuring unit

		Value set in accordance with the auction unit code library (Description).
<b>injectionEndDate</b>	DateTime	Injection interval end date
<b>injectionStartDate</b>	DateTime	Injection interval start date
<b>storageCapacityQuantity</b>	Int32	Working Volume (Z01)
<b>storageCapacityMeasureUnit</b>	String(100)	Working volume measuring unit Value set in accordance with the auction unit code library (Description).
<b>withdrawalQuantity</b>	Int32	Withdrawal quantity (Z03)
<b>withdrawalMeasureUnit</b>	String(100)	Withdrawal capacity measuring unit Value set in accordance with the auction unit code library (Description).
<b>withdrawalEndDate</b>	DateTime	Withdrawal interval end date
<b>withdrawalStartDate</b>	DateTime	Withdrawal interval start date

#### 2.9.2.2.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/ITSOServiceSoapWrapper/GetCapacityAuctionListResponse</a:Actio
n>
    <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd">
      <u:Timestamp u:Id=" 0">
        <u:Created>2021-12-02T10:14:14.777Z</u:Created>
        <u:Expires>2021-12-02T10:19:14.777Z</u:Expires>
      </u:Timestamp>
    </o:Security>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCapacityAuctionsResponseV2 xmlns="http://rbp.eu.service">
      <CapacityAuction>
        <id>12344</id>
        <auctionCode>12344-RBP</auctionCode>
        <openingTimeUTC>2021-10-14T15:06:33</openingTimeUTC>
        <closedTimeUTC>2021-10-13T15:20:58.127</closedTimeUTC>
        <networkPointEICCode>39ZVEZSAMBO13GN9</networkPointEICCode>
        <networkPointName>Storage Point</networkPointName>
        <productType>Day ahead</productType>
        <instrument>2021.10.19.</instrument>
        <capacityValidFromUTC>2021-10-19T04:00:00</capacityValidFromUTC>
        <capacityValidToUTC>2021-10-20T04:00:00</capacityValidToUTC>
        <capacityType>Unbundled</capacityType>
        <storageQuality>FIRM</storageQuality>
        <offeredCapacity>274875</offeredCapacity>
        <offerLevelId xsi:nil="true"/>
        <storageCapacityQuantity>1000</storageCapacityQuantity>
        <storageCapacityMeasureUnit>MWh/d</storageCapacityMeasureUnit>
        <injectionQuantity>1000</injectionQuantity>
        <injectionMeasureUnit>MWh/d</injectionMeasureUnit>
        <injectionStartDate>2022-04-16T00:00:00</injectionStartDate>
        <injectionEndDate>2022-10-15T00:00:00</injectionEndDate>
        <withdrawalQuantity>1000</withdrawalQuantity>
      </CapacityAuction>
    </GetCapacityAuctionsResponseV2>
  </s:Body>
</s:Envelope>
```

```

<withdrawalMeasureUnit>MWh/d</withdrawalMeasureUnit>
<withdrawalStartDate>2022-11-01T00:00:00</withdrawalStartDate>
<withdrawalEndDate>2023-03-31T00:00:00</withdrawalEndDate>
<unitsAllocated>6270</unitsAllocated>
<reservePriceExitTSO xsi:nil="true"/>
<reservePriceEntryTSO xsi:nil="true"/>
<storageReservePrice>10.000000000000</storageReservePrice>
<storageReservePriceUnit>HUF/Bundle/day</storageReservePriceUnit>
<relativeLargePriceStep xsi:nil="true"/>
<relativeSmallPriceStep xsi:nil="true"/>
<absoluteLargePriceStep xsi:nil="true"/>
<absoluteSmallPriceStep xsi:nil="true"/>
<allocatedClearingUnitPriceExitTso xsi:nil="true"/>
<allocatedClearingUnitPriceEntryTso xsi:nil="true"/>
<auctionCharacteristics>Storage</auctionCharacteristics>
<lastUpdateUTC>2021-10-13T15:20:58.127</lastUpdateUTC>
<postDateUTC>2021-10-13T15:20:58.127</postDateUTC>
<additionalTexts/>
<status>Closed</status>
</CapacityAuction>
</GetCapacityAuctionsResponseV2>
</s:Body>
</s:Envelope>

```

## 2.10 MarketOfferedCapacityDocument EDIGAS message via AS4

AS4 message subscription option for TSOs and NUs.

### 2.10.1 Description

The service will send the version **5.1.5** or **6.1** of **MarketOfferedCapacity\_Document**.

Message will be sent for the following events:

- when the first editing deadline is reached
- when offering capacity after the first editing deadline
- when the second editing deadline is reached
- when starting an auction or a new round

TSOs will only receive messages regarding the auctions in which they are involved. NUs will only receive messages about the auctions for which they can submit a bid.

### 2.10.2 AS4 message

The message corresponds to the templates:

**urn:easee-gas.eu:edigas:capacitytrading:marketofferedcapacitydocument:5:1:5**

**urn:easee-gas.eu:edigas:CapacityAllocationInitialisation:MarketOfferedCapacityDocument:6:1.**

If the query is initiated by TSO, the recipient\_MarketParticipant.marketRole.roleCode value will be ZSO if it is by NU it will be ZSH (5.1.5) or ZUV (6.1).

The Currency.Code value under the ConnectionPoint class will be PCT for percentage type auctions and reserve\_Price.amount will be 0 for bundled percentage auctions. The reserve\_Price.amount and Currency.Code for this auctions will be displayed under ToTso\_MarketParticipant/ ToSo\_MarketParticipant and FromTso\_MarketParticipant/ FromSo\_MarketParticipant.

The reserve\_Price.amount and period.auction\_Quantity.amount will be 0 for setting auctions.

### 2.10.2.1 Structure

XML Tag	Type	Description
<b>MarketOfferedCapacity_Document</b>		Wrapper tag containing the EDIGAS message.

### 2.10.2.2 Example

```

<q1:MarketOfferedCapacity_Document xmlns:q1="urn:easee-
gas.eu:edigas:capacitytrading:marketofferedcapacitydocument:5:1:5">
  <q1:identification>db129f8103714598a4139886a29d39b2</q1:identification>
  <q1:version>1</q1:version>
  <q1:type>AMX</q1:type>
  <q1:creationDateTime>2022-03-25T09:08:19Z</q1:creationDateTime>
  <q1:validityPeriod>2022-03-25T08:38Z/2022-03-25T09:38Z</q1:validityPeriod>
  <q1:issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</q1:issuer_MarketParticipant.identification>
  <q1:issuer_MarketParticipant.marketRole.code>ZUJ</q1:issuer_MarketParticipant.marketRole.code>
  <q1:recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</q1:recipient_MarketParticipant.identification>

  <q1:recipient_MarketParticipant.marketRole.code>ZSO</q1:recipient_MarketParticipant.marketRole.co
de>
  <q1:status.code>68G</q1:status.code>
  <q1:ProductIdentification_Document>
    <q1:contractReference>20197036-RBP</q1:contractReference>
    <q1:contractType>ZSD</q1:contractType>
    <q1:ConnectionPoint>
      <q1:identification codingScheme="305">21Z000000000003C</q1:identification>
      <q1:product_TimeSeries.SpanPeriod>ZEL</q1:product_TimeSeries.SpanPeriod>
      <q1:capacityType.code>ZEO</q1:capacityType.code>
      <q1:quantity_MeasureUnit.code>KW1</q1:quantity_MeasureUnit.code>
      <q1:price_MeasureUnit.code>KW1</q1:price_MeasureUnit.code>
      <q1:currency.code>PCT</q1:currency.code>
      <q1:currency.exchangeRate>0</q1:currency.exchangeRate>
      <q1:to_MarketArea.area codingScheme="305">21X-HU-A-A0A0A-8</q1:to_MarketArea.area>
      <q1:from_MarketArea.area codingScheme="305">21X-AT-B-A0A0A-K</q1:from_MarketArea.area>
      <q1:ToTso_MarketParticipant>
        <q1:identification codingScheme="305">21X-HU-A-A0A0A-8</q1:identification>
        <q1:reserve_Price.amount>83.989962000000</q1:reserve_Price.amount>
        <q1:price_MeasureUnit.code>KW1</q1:price_MeasureUnit.code>
        <q1:currency.code>HUF</q1:currency.code>
        <q1:currency.exchangeRate>0</q1:currency.exchangeRate>
        <q1:availability.type>Z06</q1:availability.type>
      </q1:ToTso_MarketParticipant>
      <q1:FromTso_MarketParticipant>
        <q1:identification codingScheme="305">21X-AT-B-A0A0A-K</q1:identification>
        <q1:reserve_Price.amount>100.000000000000</q1:reserve_Price.amount>
        <q1:price_MeasureUnit.code>KW1</q1:price_MeasureUnit.code>
        <q1:currency.code>EUR</q1:currency.code>
        <q1:currency.exchangeRate>0</q1:currency.exchangeRate>
        <q1:availability.type>Z06</q1:availability.type>
      </q1:FromTso_MarketParticipant>
      <q1:reserve_Price.amount>0</q1:reserve_Price.amount>
      <q1:largeStep_Price.amount>10.000000000000</q1:largeStep_Price.amount>
      <q1:smallStep_Price.amount>2.000000000000</q1:smallStep_Price.amount>
      <q1:roundingRound_Characteristic.sequence>1</q1:roundingRound_Characteristic.sequence>
      <q1:period.timeInterval>2022-10-01T04:00Z/2022-11-01T05:00Z</q1:period.timeInterval>
      <q1:period.auction_Quantity.amount>6378300</q1:period.auction_Quantity.amount>
      <q1:period.auction_Quantity.type>ZXO</q1:period.auction_Quantity.type>
    </q1:ConnectionPoint>
  </q1:ProductIdentification_Document>
</q1:MarketOfferedCapacity_Document>

<q1:MarketOfferedCapacity_Document schemaVersion="1" xmlns:q1="urn:easee-
gas.eu:edigas:CapacityAllocationInitialisation:MarketOfferedCapacityDocument:6:1">
  <q1:identification>f026d99f3a1540d896a72932da3e0872</q1:identification>

```



```

<q1:version>1</q1:version>
<q1:documentCode>AMX</q1:documentCode>
<q1:creationDateTime>2022-03-25T09:19:34Z</q1:creationDateTime>
<q1:validityPeriod>2022-03-25T08:49Z/2022-03-25T09:49Z</q1:validityPeriod>
<q1:issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-8</q1:issuer_MarketParticipant.identification>

<q1:issuer_MarketParticipant.marketRole.roleCode>ZUJ</q1:issuer_MarketParticipant.marketRole.roleCode>
<q1:recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-8</q1:recipient_MarketParticipant.identification>

<q1:recipient_MarketParticipant.marketRole.roleCode>ZSO</q1:recipient_MarketParticipant.marketRole.roleCode>
<q1:status.statusCode>62G</q1:status.statusCode>
<q1:ProductIdentification_Reference>
  <q1:identification>20197036-RBP</q1:identification>
  <q1:referenceCode>ZSD</q1:referenceCode>
  <q1:ConnectionPoint>
    <q1:identification codingScheme="305">21Z0000000000003C</q1:identification>
    <q1:product_PeriodSpan.periodSpanCode>ZEL</q1:product_PeriodSpan.periodSpanCode>
    <q1:quantity_MeasureUnit.unitOfMeasureCode>KW1</q1:quantity_MeasureUnit.unitOfMeasureCode>
    <q1:price_MeasureUnit.unitOfMeasureCode>KW1</q1:price_MeasureUnit.unitOfMeasureCode>
    <q1:currency.currencyCode>PCT</q1:currency.currencyCode>
    <q1:currency.exchangeRate>0</q1:currency.exchangeRate>
    <q1:biddingRound_Sequence.position>2</q1:biddingRound_Sequence.position>

<q1:biddingRound_Sequence.price.amount>10.000000000000</q1:biddingRound_Sequence.price.amount>
<q1:to_MarketArea.identification codingScheme="305">21X-HU-A-A0A0A-8</q1:to_MarketArea.identification>
<q1:from_MarketArea.identification codingScheme="305">21X-AT-B-A0A0A-K</q1:from_MarketArea.identification>
<q1:reserve_Price.amount>0</q1:reserve_Price.amount>
<q1:largeStep_Price.amount>10.000000000000</q1:largeStep_Price.amount>
<q1:smallStep_Price.amount>2.000000000000</q1:smallStep_Price.amount>
<q1:period.timeInterval>2022-10-01T04:00Z/2022-11-01T05:00Z</q1:period.timeInterval>

<q1:period.previousRoundDemand_Quantity.amount>6378800</q1:period.previousRoundDemand_Quantity.amount>

<q1:period.previousRoundDemand_Quantity.quantityCode>ZXO</q1:period.previousRoundDemand_Quantity.quantityCode>

<q1:period.previousRoundDemand_Quantity.bundled_Indication.indicatorCode>01G</q1:period.previousRoundDemand_Quantity.bundled_Indication.indicatorCode>
  <q1:period.auction_Quantity.amount>6378300</q1:period.auction_Quantity.amount>

<q1:period.auction_Quantity.bundled_Indication.indicatorCode>01G</q1:period.auction_Quantity.bundled_Indication.indicatorCode>
  <q1:ToSo_MarketParticipant>
    <q1:identification codingScheme="305">21X-HU-A-A0A0A-8</q1:identification>
    <q1:reserve_Price.amount>83.989962000000</q1:reserve_Price.amount>
    <q1:price_MeasureUnit.unitOfMeasureCode>KW1</q1:price_MeasureUnit.unitOfMeasureCode>
    <q1:currency.currencyCode>HUF</q1:currency.currencyCode>
    <q1:currency.exchangeRate>0</q1:currency.exchangeRate>
    <q1:availability.availabilityCode>Z06</q1:availability.availabilityCode>
  </q1:ToSo_MarketParticipant>
  <q1:FromSo_MarketParticipant>
    <q1:identification codingScheme="305">21X-AT-B-A0A0A-K</q1:identification>
    <q1:reserve_Price.amount>100.000000000000</q1:reserve_Price.amount>
    <q1:price_MeasureUnit.unitOfMeasureCode>KW1</q1:price_MeasureUnit.unitOfMeasureCode>
    <q1:currency.currencyCode>EUR</q1:currency.currencyCode>
    <q1:currency.exchangeRate>0</q1:currency.exchangeRate>
    <q1:availability.availabilityCode>Z06</q1:availability.availabilityCode>
  </q1:FromSo_MarketParticipant>
  </q1:ConnectionPoint>
</q1:ProductIdentification_Reference>
</q1:MarketOfferedCapacity_Document>

```



## 3 Secondary capacity market

### 3.1 Bilateral transactions

#### 3.1.1 Business environment

The purpose of the feature is to allow Network Users with the appropriate privileges to offer the capacity they own to other Network Users.

#### 3.1.2 Query Bilateral transactions (GetBilateralDeals - Phased out since 2020.05.15)

Service provided for TSOs and Network Users.

**Please note that as of 2020.05.15, this service will be phased out.**

##### 3.1.2.1 Description

TSOs and Network Users have the option to query the bilateral transactions in the system.

Calling the service retrieves the bilateral transactions with which the TSO or Network Users have an approval task to do, that is, the status of the deal:

**TSOApprovalNeeded:** The TSO must check whether the Network User has the capacity available. For bundled capacity, both concerned TSOs must check the availability of the capacity (if no automatic approval is set).

**RecipientApprovalNeeded:** The receiving Network User must approve or reject the takeover of the capacity.

**CancellationRecipientApprovalNeeded:** The transferring Network User has initiated the cancellation of the bilateral transaction. The receiving Network User must approve or reject the cancellation of the transaction.

**CancellationTSOApprovalNeeded:** The transferring Network User has initiated the cancellation of the bilateral transaction. The transferring Network User has already approved the cancellation of the bilateral transaction, the TSO must approve or reject the cancellation of the transaction, too. In the case of bundled capacity, for cancellation, both TSOs must approve the cancellation of the bilateral transaction (unless an automatic approval is set).

Or the transaction has already come to an end status, but it is still subject to an administrative task to be done in the related systems. The transactions in this statuses will be transferred until the period of use of the respective capacity has begun:

**TSORejected:** TSO/TSOs rejected the availability of the capacity to be transferred.

**RecipientRejected:** The receiving Network User refused to receive the capacity.

**Approved:** The bilateral transaction was approved by all parties involved.

**Cancelled:** The bilat transaction was canceled or its validity expired.

### 3.1.2.2 Request message

The request message does not have an input parameter.

#### 3.1.2.2.1 Structure

XML Tag	Type	Description
<b>GetBilateralDealsRequest</b>		Wrapper tag

#### 3.1.2.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu"
  xmlns:tem="http://tempuri.org/">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:GetBilateralDealsRequest          <rbp:GetBilateralDeals/>
    </rbp:GetBilateralDealsRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.1.2.3 Response message

The response message retrieves the transactions if filed that are subject to a task by the current caller (TSO or Network User by its role) or the possible error codes are included.

#### 3.1.2.3.1 Structure

XML Tag	Type	Description
<b>Code</b>	String(7)	Bilat deal code
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in the Bilateral transaction
<b>CapacityPointName</b>	String(100)	Name of the network point involved in the Bilateral transaction
<b>NominationIdExitTSO</b>	String(16)	Out of the valueset specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the bilateral transaction.
<b>NominationIdEntryTSO</b>	String(16)	Out of the valueset specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the bilateral transaction.
<b>ExitTsoEic</b>	String(16)	EIC code of the Exit TSO from the capacity flow direction involved in Bilateral transaction
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction. Transfer type according to the code library value set. (Code field)
<b>EntryTsoEic</b>	String(16)	EIC code of the Entry TSO from the capacity flow direction involved in Bilateral transactio
<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction. Transfer type according to the code library value set. (Code field)
<b>ConcernedTsoEic</b>	String(16)	EIC code of the concerned TSO for transfer unbundled

		capacity at the Interconnect point
<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow</b>	String(100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>ProductQuality</b>	String(100)	Capacity quality Value set according to the Capacity Quality Code library (Code field).
<b>StartGasDay</b>	DateTime	Starting Gas Day for the Capacity Period involved in the Transfer
<b>StartGashour</b>	Int32	Starting gas hour of the capacity period of the transfer
<b>EndGasday</b>	DateTime	End gas day of the capacity period involved in transfer
<b>StartDate</b>	DateTime	Start of Capacity Period in transfer (UTC)
<b>EndDate</b>	DateTime	End of Capacity Period in transfer (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>Status</b>	String(100)	Bilateral transaction status
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of receiving Network User
<b>Id</b>	Int64	Bilateral transaction identifier
<b>SellerNetworkUserEic</b>	String(16)	EIC code of transferring Network User
<b>SellerNetworkUserName</b>	String(100)	Name of transferring Network User
<b>PartnerNetworkUserName</b>	String(100)	Name of receiving Network User
<b>ProductType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>Note</b>	String(400)	Comment
<b>RefuseComment</b>	String(400)	Reason for Refusal
<b>CreationTime</b>	DateTime	Creation time
<b>Price</b>	Decimal(28,12)	Price
<b>Currency</b>	String(3)	Currency (Three-digit currency code)
<b>Validity</b>	DateTime	End of validity
<b>TsoEic</b>	String(16)	TSO EIC code of distribution
<b>BalancingGroupCode</b>	String(200)	Balancing group code
<b>BalancingGroupMember</b>	String(200)	Member name of the distribution
<b>Quantity</b>	Int32	Distributed quantity

### 3.1.2.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetBilateralDealsResponse xmlns="http://rbp.hu">
      <return>
        <BilateralDeals>
          <BilateralDeal>
            <Code>BD11402</Code>
            <CapacityPointEicCode>39ZKAABA00011GNE</CapacityPointEicCode>
          </BilateralDeal>
        </BilateralDeals>
      </return>
    </GetBilateralDealsResponse>
  </s:Body>
</s:Envelope>

```

```

<CapacityPointName>Aba</CapacityPointName>
<NominationIdExitTSO>UnbundledExit</NominationIdExitTSO>
<NominationIdEntryTSO xsi:nil="true"/>
<ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
<EntryTsoEic xsi:nil="true"/>
<ConcernedTsoEic xsi:nil="true"/>
<CapacityType>Unbundled</CapacityType>
<GasFlow>Physical</GasFlow>
<ProductQuality>FIRM</ProductQuality>
<StartGasDay>2019.09.01.</StartGasDay>
<StartGashour>1</StartGashour>
<EndGasday>2019.09.30.</EndGasday>
<StartDate>2019-09-01T04:00:00</StartDate>
<EndDate>2019-10-01T04:00:00</EndDate>
<Unit>KWL</Unit>
<Quantity>20</Quantity>
<Status>Approved</Status>
<PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
<Id>1</Id>
<SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
<SellerNetworkUserName>PARTNER 2</SellerNetworkUserName>
<PartnerNetworkUserName>PARTNER 1</PartnerNetworkUserName>
<ProductType>MONTHLY</ProductType>
<Note>NOTE</Note>
<RefuseComment/>
<CreationTime>2018-02-27T15:30:01.147</CreationTime>
<Price>10.000000000000</Price>
<Currency>HUF</Currency>
<Validity>2019-08-28T01:00:00</Validity>
<BalancingGroupDistributions>
  <BalancingGroupDistribution>
    <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    <balancingGroupCode>Code1</balancingGroupCode>
    <balancingGroupMember>GroupMember1</balancingGroupMember>
    <quantity>8</quantity>
  </BalancingGroupDistribution>
  <BalancingGroupDistribution>
    <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    <balancingGroupCode>Code1</balancingGroupCode>
    <balancingGroupMember> GroupMember2</balancingGroupMember>
    <quantity>12</quantity>
  </BalancingGroupDistribution>
</BalancingGroupDistributions>
</BilateralDeal>
<BilateralDeal>
  <Code>BD11403</Code>
  <CapacityPointEicCode>39ZKAABA00011GNE</CapacityPointEicCode>
  <CapacityPointName>Aba</CapacityPointName>
  <NominationIdExitTSO>UnbundledExit</NominationIdExitTSO>
  <NominationIdEntryTSO xsi:nil="true"/>
  <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
  <EntryTsoEic xsi:nil="true"/>
  <ConcernedTsoEic xsi:nil="true"/>
  <CapacityType>Unbundled</CapacityType>
  <GasFlow>Physical</GasFlow>
  <ProductQuality>FIRM</ProductQuality>
  <StartGasDay>2019.09.01.</StartGasDay>
  <StartGashour>1</StartGashour>
  <EndGasday>2019.09.30.</EndGasday>
  <StartDate>2019-09-01T04:00:00</StartDate>
  <EndDate>2019-10-01T04:00:00</EndDate>
  <Unit>KWL</Unit>
  <Quantity>20</Quantity>
  <Status>RecipientApprovalNeeded</Status>
  <PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
  <Id>2</Id>
  <SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
  <SellerNetworkUserName>PARTNER 1</SellerNetworkUserName>
  <PartnerNetworkUserName>PARTNER 2</PartnerNetworkUserName>
  <ProductType>MONTHLY</ProductType>
  <Note>TEST</Note>

```

```

<RefuseComment/>
<CreationTime>2018-02-27T16:10:01.487</CreationTime>
<Price>10.000000000000</Price>
<Currency>HUF</Currency>
<Validity>2019-08-28T01:00:00</Validity>
<BalancingGroupDistributions>
  <BalancingGroupDistribution>
    <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    <balancingGroupCode>Code2</balancingGroupCode>
    <balancingGroupMember>GroupMember1</balancingGroupMember>
    <quantity>8</quantity>
  </BalancingGroupDistribution>
  <BalancingGroupDistribution>
    <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    <balancingGroupCode>Code2</balancingGroupCode>
    <balancingGroupMember> GroupMember2</balancingGroupMember>
    <quantity>12</quantity>
  </BalancingGroupDistribution>
</BalancingGroupDistributions>
</BilateralDeal>
</BilateralDeals>
</return>
</GetBilateralDealsResponse>
</s:Body>
</s:Envelope>

```

### 3.1.3 Query Bilateral transactions (GetBilateralDealsV2)

Service provided for TSOs and Network Users.

Please note that as of 2020.05.15. this service will not support balancing groups. The field **BalancingGroupDistributions** values will always be empty.

#### 3.1.3.1 Description

TSOs and Network Users have the option to query the bilateral transactions in the system.

Calling the service retrieves the bilateral transactions with which the TSO or Network Users have an approval task to do, that is, the status of the deal:

**TSOApprovalNeeded:** The TSO must check whether the Network User has the capacity available. For bundled capacity, both concerned TSOs must check the availability of the capacity (if no automatic approval is set).

**RecipientApprovalNeeded:** The receiving Network User must approve or reject the takeover of the capacity.

**CancellationRecipientApprovalNeeded:** The transferring Network User has initiated the cancellation of the bilateral transaction. The receiving Network User must approve or reject the cancellation of the transaction.

**CancellationTSOApprovalNeeded:** The transferring Network User has initiated the cancellation of the bilateral transaction. The transferring Network User has already approved the cancellation of the bilateral transaction, the TSO must approve or reject the cancellation of the transaction, too. In the case of bundled capacity, for cancellation, both TSOs must approve the cancellation of the bilateral transaction (unless an automatic approval is set).

Or the transaction has already come to an end status, but it is still subject to an administrative task to be

done in the related systems:

**TSORejected:** TSO/TSOs rejected the availability of the capacity to be transferred.

**RecipientRejected:** The receiving Network User refused to receive the capacity.

**Approved:** The bilateral transaction was approved by all parties involved.

**Cancelled:** The bilat transaction was canceled or its validity expired.

The transactions will be transferred until the period of use of the respective capacity has begun.

### 3.1.3.2 Request message

The request message does not have an input parameter.

#### 3.1.3.2.1 Structure

XML Tag	Type	Description
<b>GetBilateralDealsRequest</b>		Wrapper tag

#### 3.1.3.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu"
  xmlns:tem="http://tempuri.org/">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:GetBilateralDealsRequest          <rbp:GetBilateralDeals/>
    </rbp:GetBilateralDealsRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.1.3.3 Response message

The response message retrieves the transactions if filed that are subject to a task by the current caller (TSO or Network User by its role) or the possible error codes are included.

#### 3.1.3.3.1 Structure

XML Tag	Type	Description
<b>Code</b>	String(7)	Bilat deal code
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in the Bilateral transaction
<b>CapacityPointName</b>	String(100)	Name of the network point involved in the Bilateral transaction
<b>NominationIdExitTSO</b>	String(16)	Out of the valueset specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the bilateral transaction.
<b>NominationIdEntryTSO</b>	String(16)	Out of the valueset specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the bilateral transaction.
<b>ExitTsoEic</b>	String(16)	EIC code of the Exit TSO from the capacity flow



		direction involved in Bilateral transaction
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction. Transfer type according to the code library value set. (Code field)
<b>EntryTsoEic</b>	String(16)	EIC code of the Entry TSO from the capacity flow direction involved in Bilateral transactio
<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction. Transfer type according to the code library value set. (Code field)
<b>ConcernedTsoEic</b>	String(16)	EIC code of the concerned TSO for transfer unbundled capacity at the Interconnect point
<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow</b>	String(100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>ProductQuality</b>	String(100)	Capacity quality Value set according to the Capacity Quality Code library (Code field). <b>Please note that in case the productQuality is different on the Exit- and Entry side this field will contain only one of those values! Please see GetBilateralDealsV3</b>
<b>StartGasDay</b>	DateTime	Starting Gas Day for the Capacity Period involved in the Transfer
<b>StartGashour</b>	Int32	Starting gas hour of the capacity period of the transfer
<b>EndGasday</b>	DateTime	End gas day of the capacity period involved in transfer
<b>StartDate</b>	DateTime	Start of Capacity Period in transfer (UTC)
<b>EndDate</b>	DateTime	End of Capacity Period in transfer (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>Status</b>	String(100)	Bilateral transaction status
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of receiving Network User
<b>Id</b>	Int64	Bilateral transaction identifier
<b>SellerNetworkUserEic</b>	String(16)	EIC code of transferring Network User
<b>SellerNetworkUserName</b>	String(100)	Name of transferring Network User
<b>PartnerNetworkUserName</b>	String(100)	Name of receiving Network User
<b>ProductType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>Note</b>	String(400)	Comment
<b>RefuseComment</b>	String(400)	Reason for Refusal
<b>CreationTime</b>	DateTime	Creation time
<b>Price</b>	Decimal(28,12)	Price
<b>Currency</b>	String(3)	Currency (Three-digit currency code)

Validity	DateTime	End of validity
<b>BalancingGroupDistributions</b>	List	List of balancing group information (see table below) <b>Deprecated from 2020.05.15</b>
<b>TsoEIC</b>	String(16)	TSO EIC code of distribution <b>Deprecated from 2020.05.15</b>
<b>BalancingGroupCode</b>	String(200)	Balancing group code <b>Deprecated from 2020.05.15</b>
<b>BalancingGroupMember</b>	String(200)	Member name of the distribution <b>Deprecated from 2020.05.15</b>
<b>Quantity</b>	Int32	Distributed quantity <b>Deprecated from 2020.05.15</b>
<b>ContractIdExitTSO</b>	String(100)	The contract number which is related to the Exit TSO.
<b>ContractIdEntryTSO</b>	String(100)	The contract number which is related to the Entry TSO.

### 3.1.3.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetBilateralDealsResponse xmlns="http://rbp.hu">
      <return>
        <BilateralDeals>
          <BilateralDeal>
            <Code>BD11402</Code>
            <CapacityPointEicCode>39ZKAABA00011GNE</CapacityPointEicCode>
            <CapacityPointName>Aba</CapacityPointName>
            <NominationIdExitTSO>UnbundledExit</NominationIdExitTSO>
            <NominationIdEntryTSO xsi:nil="true"/>
            <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
            <EntryTsoEic xsi:nil="true"/>
            <ConcernedTsoEic xsi:nil="true"/>
            <CapacityType>Unbundled</CapacityType>
            <GasFlow>Physical</GasFlow>
            <ProductQuality>FIRM</ProductQuality>
            <StartGasDay>2019.09.01.</StartGasDay>
            <StartGashour>1</StartGashour>
            <EndGasday>2019.09.30.</EndGasday>
            <StartDate>2019-09-01T04:00:00</StartDate>
            <EndDate>2019-10-01T04:00:00</EndDate>
            <Unit>KW1</Unit>
            <Quantity>20</Quantity>
            <Status>Approved</Status>
            <PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
            <Id>1</Id>
            <SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
            <SellerNetworkUserName>PARTNER 2</SellerNetworkUserName>
            <PartnerNetworkUserName>PARTNER 1</PartnerNetworkUserName>
            <ProductType>MONTHLY</ProductType>
            <Note>NOTE</Note>
            <RefuseComment/>
            <CreationTime>2018-02-27T15:30:01.147</CreationTime>
            <Price>10.000000000000</Price>
            <Currency>HUF</Currency>
            <Validity>2019-08-28T01:00:00</Validity>
            <ContractIdExitTSO>TSO_RHSZ-00001/M/2019/SEPT/00001</ContractIdExitTSO>
            <BalancingGroupDistributions/>
          </BilateralDeal>
        </BilateralDeal>
      </return>
    </GetBilateralDealsResponse>
  </s:Body>
</s:Envelope>

```

```

<Code>BD11403</Code>
<CapacityPointEicCode>39ZKAABA00011GNE</CapacityPointEicCode>
<CapacityPointName>Aba</CapacityPointName>
<NominationIdExitTSO>UnbundledExit</NominationIdExitTSO>
<NominationIdEntryTSO xsi:nil="true"/>
<ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
<EntryTsoEic xsi:nil="true"/>
<ConcernedTsoEic xsi:nil="true"/>
<CapacityType>Unbundled</CapacityType>
<GasFlow>Physical</GasFlow>
<ProductQuality>FIRM</ProductQuality>
<StartGasDay>2019.09.01.</StartGasDay>
<StartGashour>1</StartGashour>
<EndGasday>2019.09.30.</EndGasday>
<StartDate>2019-09-01T04:00:00</StartDate>
<EndDate>2019-10-01T04:00:00</EndDate>
<Unit>KWL</Unit>
<Quantity>20</Quantity>
<Status>RecipientApprovalNeeded</Status>
<PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
<Id>2</Id>
<SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
<SellerNetworkUserName>PARTNER 1</SellerNetworkUserName>
<PartnerNetworkUserName>PARTNER 2</PartnerNetworkUserName>
<ProductType>MONTHLY</ProductType>
<Note>TEST</Note>
<RefuseComment/>
<CreationTime>2018-02-27T16:10:01.487</CreationTime>
<Price>10.000000000000</Price>
<Currency>HUF</Currency>
<Validity>2019-08-28T01:00:00</Validity>
<BalancingGroupDistributions/>
</BilateralDeal>
</BilateralDeals>
</return>
</GetBilateralDealsResponse>
</s:Body>
</s:Envelope>

```

### 3.1.4 Query Bilateral transactions (GetBilateralDealsV3)

Service provided for TSOs and Network Users.

#### 3.1.4.1 Description

Version 3 of query bilateral deals service, this chapter only describes the differences compared to GetBilateralDealsV2.

#### 3.1.4.2 Response message

##### 3.1.4.2.1 Structure

XML Tag	Type	Description
<b>ProductQualityExitTSO</b>	String(100)	Capacity quality defined at the Exit TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ProductQualityEntryTSO</b>	String(100)	Capacity quality defined at the Entry TSO. Value set according to the Capacity Quality Code library (Code field).
<b>SellerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Exit TSO.
<b>SellerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Entry TSO.

<b>PartnerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the partner Network user at the Exit TSO.
<b>PartnerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the partner Network user at the Entry TSO.

### 3.1.4.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetBilateralDealsResponseV3 xmlns="http://rbp.hu">
      <return>
        <BilateralDeals>
          <BilateralDeal>
            <Code>BD11402</Code>
            <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
            <CapacityPointName>Csanádpalota</CapacityPointName>
            <NominationIdExitTSO>BundledExit</NominationIdExitTSO>
            <NominationIdEntryTSO>BundledEntry</NominationIdEntryTSO>
            <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
            <ContractIdExitTSO>TSO_RHSZ-00001/M/2019/SEPT/00001</ContractIdExitTSO>
            <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
            <TransferTypeExitTSO xsi:nil="true"/>
            <EntryTsoEic>47R-TS-A-A1B1C-2</EntryTsoEic>
            <ContractIdEntryTSO xsi:nil="true"/>
            <ProductQualityEntryTSO>FIRM</ProductQualityEntryTSO>
            <TransferTypeEntryTSO xsi:nil="true"/>
            <ConcernedTsoEic xsi:nil="true"/>
            <CapacityType>Bundled</CapacityType>
            <GasFlow>Physical</GasFlow>
            <StartGasDay>2020.09.01.</StartGasDay>
            <StartGashour>1</StartGashour>
            <EndGasday>2020.09.30.</EndGasday>
            <StartDate>2020-09-01T04:00:00</StartDate>
            <EndDate>2020-10-01T04:00:00</EndDate>
            <Unit>KW1</Unit>
            <Quantity>20</Quantity>
            <Status>Approved</Status>
            <PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
            <Id>1</Id>
            <SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
            <SellerNetworkUserName>PARTNER 2</SellerNetworkUserName>
            <PartnerNetworkUserName>PARTNER 1</PartnerNetworkUserName>
            <ProductType>MONTHLY</ProductType>
            <Note>NOTE</Note>
            <RefuseComment/>
            <CreationTime>2019-02-27T15:30:01.147</CreationTime>
            <Price>10.000000000000</Price>
            <Currency>HUF</Currency>
            <Validity>2020-08-28T01:00:00</Validity>
            <SellerBalancingGroupExitTSO>Balancing1234</SellerBalancingGroupExitTSO>
          </BilateralDeal>
          <BilateralDeal>
            <Code>BD11403</Code>
            <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
            <CapacityPointName>Csanádpalota</CapacityPointName>
            <NominationIdExitTSO>UnbundledExit</NominationIdExitTSO>
            <NominationIdEntryTSO xsi:nil="true"/>
            <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
            <ContractIdExitTSO xsi:nil="true"/>
            <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
            <TransferTypeExitTSO xsi:nil="true"/>
          </BilateralDeal>
        </BilateralDeals>
      </return>
    </GetBilateralDealsResponseV3>
  </s:Body>
</s:Envelope>

```

```

<EntryTsoEic>47R-TS-A-A1B1C-2</EntryTsoEic>
<ContractIdEntryTSO xsi:nil="true"/>
<ProductQualityEntryTSO xsi:nil="true"/>
<TransferTypeEntryTSO xsi:nil="true"/>
<ConcernedTsoEic>21X-HU-A-A0A0A-8</ConcernedTsoEic>
<CapacityType>Unbundled</CapacityType>
<GasFlow>Physical</GasFlow>
<StartGasDay>2020.08.01.</StartGasDay>
<StartGashour>1</StartGashour>
<EndGasday>2020.08.31.</EndGasday>
<StartDate>2020-08-01T04:00:00</StartDate>
<EndDate>2020-09-01T04:00:00</EndDate>
<Unit>KWL</Unit>
<Quantity>20</Quantity>
<Status>RecipientApprovalNeeded</Status>
<PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
<Id>2</Id>
<SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
<SellerNetworkUserName>PARTNER 1</SellerNetworkUserName>
<PartnerNetworkUserName>PARTNER 2</PartnerNetworkUserName>
<ProductType>MONTHLY</ProductType>
<Note>TEST</Note>
<RefuseComment/>
<CreationTime>2019-02-27T16:10:01.487</CreationTime>
<Price>10.000000000000</Price>
<Currency>HUF</Currency>
<Validity>2020-08-28T01:00:00</Validity>
<SellerBalancingGroupExitTSO>Balancing1534</SellerBalancingGroupExitTSO>
<SellerBalancingGroupEntryTSO xsi:nil="true"/>
<PartnerBalancingGroupExitTSO>Balancing1861</PartnerBalancingGroupExitTSO>
  <PartnerBalancingGroupEntryTSO xsi:nil="true"/>
</BilateralDeal>
</BilateralDeals>
</return>
</GetBilateralDealsResponseV3>
</s:Body>
</s:Envelope>

```

### 3.1.1 Query Bilateral transactions (GetBilateralDealsV4)

Service provided for TSOs and Network Users.

#### 3.1.1.1 Description

Version 4 of query bilateral deals service, this chapter only describes the differences compared to GetBilateralDealsV3.

#### 3.1.1.2 Response message

##### 3.1.1.2.1 Structure

XML Tag	Type	Description
<b>Price</b>	Decimal(28,12)	Price the transferee pays to the transferor
<b>PricePaidToTSO</b>	Decimal(28,12)	Price paid to TSO (Underlying Price) in case of assignment deal
<b>TotalPrice</b>	Decimal(28,12)	Total price: Price + PricePaidToTSO

##### 3.1.1.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetBilateralDealsResponseV4 xmlns="http://rbp.hu">
      <return>

```

```

<BilateralDeals>
  <BilateralDeal>
    <Code>BD11402</Code>
    <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
    <CapacityPointName>Csanádpalota</CapacityPointName>
    <NominationIdExitTSO>BundledExit</NominationIdExitTSO>
    <NominationIdEntryTSO>BundledEntry</NominationIdEntryTSO>
    <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
    <ContractIdExitTSO>TSO_RHSZ-00001/M/2019/SEPT/00001</ContractIdExitTSO>
    <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
    <TransferTypeExitTSO>Assignment</TransferTypeExitTSO>
    <EntryTsoEic>47R-TS-A-A1B1C-2</EntryTsoEic>
    <ContractIdEntryTSO xsi:nil="true"/>
    <ProductQualityEntryTSO>FIRM</ProductQualityEntryTSO>
    <TransferTypeEntryTSO>Assignment</TransferTypeEntryTSO>
    <ConcernedTsoEic xsi:nil="true"/>
    <CapacityType>Bundled</CapacityType>
    <GasFlow>Physical</GasFlow>
    <StartGasDay>2020.09.01.</StartGasDay>
    <StartGashour>1</StartGashour>
    <EndGasday>2020.09.30.</EndGasday>
    <StartDate>2020-09-01T04:00:00</StartDate>
    <EndDate>2020-10-01T04:00:00</EndDate>
    <Unit>KW1</Unit>
    <Quantity>20</Quantity>
    <Status>Approved</Status>
    <PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
    <Id>1</Id>
    <SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
    <SellerNetworkUserName>PARTNER 2</SellerNetworkUserName>
    <PartnerNetworkUserName>PARTNER 1</PartnerNetworkUserName>
    <ProductType>MONTHLY</ProductType>
    <Note>NOTE</Note>
    <RefuseComment/>
    <CreationTime>2019-02-27T15:30:01.147</CreationTime>
    <Price>10.000000000000</Price>
    <Currency>HUF</Currency>
    <Validity>2020-08-28T01:00:00</Validity>
    <SellerBalancingGroupExitTSO>Balancing1234</SellerBalancingGroupExitTSO>

    <SellerBalancingGroupEntryTSO>Balancing6543</SellerBalancingGroupEntryTSO>

    <PartnerBalancingGroupExitTSO>Balancing7984</PartnerBalancingGroupExitTSO>

    <PartnerBalancingGroupEntryTSO>Balancing8745</PartnerBalancingGroupEntryTSO>
    <PricePaidToTSO>20.000000000000</PricePaidToTSO>
    <TotalPrice>30.000000000000</TotalPrice>
  </BilateralDeal>
  <BilateralDeal>
    <Code>BD11403</Code>
    <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
    <CapacityPointName>Csanádpalota</CapacityPointName>
    <NominationIdExitTSO>UnbundledExit</NominationIdExitTSO>
    <NominationIdEntryTSO xsi:nil="true"/>
    <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
    <ContractIdExitTSO xsi:nil="true"/>
    <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
    <TransferTypeExitTSO xsi:nil="true"/>
    <EntryTsoEic>47R-TS-A-A1B1C-2</EntryTsoEic>
    <ContractIdEntryTSO xsi:nil="true"/>
    <ProductQualityEntryTSO xsi:nil="true"/>
    <TransferTypeEntryTSO xsi:nil="true"/>
    <ConcernedTsoEic>21X-HU-A-A0A0A-8</ConcernedTsoEic>
    <CapacityType>Unbundled</CapacityType>
    <GasFlow>Physical</GasFlow>
    <StartGasDay>2020.08.01.</StartGasDay>
    <StartGashour>1</StartGashour>
    <EndGasday>2020.08.31.</EndGasday>
    <StartDate>2020-08-01T04:00:00</StartDate>
    <EndDate>2020-09-01T04:00:00</EndDate>
    <Unit>KW1</Unit>

```

```

        <Quantity>20</Quantity>
        <Status>RecipientApprovalNeeded</Status>
        <PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
        <Id>2</Id>
        <SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
        <SellerNetworkUserName>PARTNER 1</SellerNetworkUserName>
        <PartnerNetworkUserName>PARTNER 2</PartnerNetworkUserName>
        <ProductType>MONTHLY</ProductType>
        <Note>TEST</Note>
        <RefuseComment/>
        <CreationTime>2019-02-27T16:10:01.487</CreationTime>
        <Price>10.000000000000</Price>
        <Currency>HUF</Currency>
        <Validity>2020-08-28T01:00:00</Validity>
        <SellerBalancingGroupExitTSO>Balancing1534</SellerBalancingGroupExitTSO>
        <SellerBalancingGroupEntryTSO xsi:nil="true"/>
    </PartnerBalancingGroupExitTSO>Balancing1861</PartnerBalancingGroupExitTSO>
        <PartnerBalancingGroupEntryTSO xsi:nil="true"/>
        <TotalPrice>10.000000000000</TotalPrice>
    </BilateralDeal>
</BilateralDeals>
</return>
</GetBilateralDealsResponseV4>
</s:Body>
</s:Envelope>

```

### 3.1.2 Query Bilateral transactions by time period (GetBilateralDealsByTimePeriodV3) Service provided for TSOs and Network Users.

#### 3.1.2.1 Description

Version 3 of GetBilateralDealsByTimePeriod service. The NU or the TSO can query their approved bilateral deals by a UTC interval of the Product period.

#### 3.1.2.2 Request message

The request message contains a UTC interval of the Product period.

##### 3.1.2.2.1 Structure

XML Tag	Type	Description
UtcFrom	Datetime	The Start time of the query interval (UTC)
UtcTo	Datetime	The End time of the query interval (UTC)

##### 3.1.2.2.2 Example

```

<?xml version="1.0" encoding="UTF-8" ?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:rbp="http://rbp.hu">
  <soap:Header/>
  <soap:Body>
    <rbp:GetBilateralDealsByTimePeriodRequest>
      <rbp:UtcFrom>2019-10-03T02:03:04Z</rbp:UtcFrom>
      <rbp:UtcTo>2019-10-10T02:03:04Z</rbp:UtcTo>
    </rbp:GetBilateralDealsByTimePeriodRequest>
  </soap:Body>
</soap:Envelope>

```

### 3.1.2.3 Response message

#### 3.1.2.3.1 Structure

XML Tag	Type	Description
<b>Code</b>	String(7)	Bilat deal code
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in the Bilateral transaction
<b>CapacityPointName</b>	String(100)	Name of the network point involved in the Bilateral transaction
<b>NominationIdExitTSO</b>	String(16)	Out of the valueset specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the bilateral transaction.
<b>NominationIdEntryTSO</b>	String(16)	Out of the valueset specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the bilateral transaction.
<b>ExitTsoEic</b>	String(16)	EIC code of the Exit TSO from the capacity flow direction involved in Bilateral transaction
<b>ProductQualityExitTSO</b>	String(100)	Capacity quality defined at the Exit TSO. Value set according to the Capacity Quality Code library (Code field).
<b>SellerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Exit TSO.
<b>PartnerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the partner Network user at the Exit TSO.
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction. Transfer type according to the code library value set. (Code field)
<b>EntryTsoEic</b>	String(16)	EIC code of the Entry TSO from the capacity flow direction involved in Bilateral transaction
<b>ProductQualityEntryTSO</b>	String(100)	Capacity quality defined at the Entry TSO. Value set according to the Capacity Quality Code library (Code field).
<b>SellerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Entry TSO.
<b>PartnerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the partner Network user at the Entry TSO.
<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction. Transfer type according to the code library value set. (Code field)
<b>ConcernedTsoEic</b>	String(16)	EIC code of the concerned TSO for transfer unbundled capacity at the Interconnect point
<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).



<b>GasFlow</b>	String(100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>StartGasDay</b>	DateTime	Starting Gas Day for the Capacity Period involved in the Transfer
<b>StartGashour</b>	Int32	Starting gas hour of the capacity period of the transfer
<b>EndGasday</b>	DateTime	End gas day of the capacity period involved in transfer
<b>StartDate</b>	DateTime	Start of Capacity Period in transfer (UTC)
<b>EndDate</b>	DateTime	End of Capacity Period in transfer (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>Status</b>	String(100)	Bilateral transaction status
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of receiving Network User
<b>Id</b>	Int64	Bilateral transaction identifier
<b>SellerNetworkUserEic</b>	String(16)	EIC code of transferring Network User
<b>SellerNetworkUserName</b>	String(100)	Name of transferring Network User
<b>PartnerNetworkUserName</b>	String(100)	Name of receiving Network User
<b>ProductType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>Note</b>	String(400)	Comment
<b>RefuseComment</b>	String(400)	Reason for Refusal
<b>CreationTime</b>	DateTime	Creation time
<b>Price</b>	Decimal(28,12)	Price
<b>Currency</b>	String(3)	Currency (Three-digit currency code)
<b>Validity</b>	DateTime	End of validity
<b>ContractIdExitTSO</b>	String(100)	The contract number which is related to the Exit TSO.
<b>ContractIdEntryTSO</b>	String(100)	The contract number which is related to the Entry TSO.

### 3.1.2.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetBilateralDealsResponseV3 xmlns="http://rbp.hu">
      <return>
        <BilateralDeals>
          <BilateralDeal>
            <Code>BD11402</Code>
            <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
            <CapacityPointName>Csanádpalota</CapacityPointName>
            <NominationIdExitTSO>BundledExit</NominationIdExitTSO>
            <NominationIdEntryTSO>BundledEntry</NominationIdEntryTSO>
            <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
            <ContractIdExitTSO>TSO_RHSZ-00001/M/2019/SEPT/00001</ContractIdExitTSO>
            <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
          </BilateralDeal>
        </BilateralDeals>
      </return>
    </GetBilateralDealsResponseV3>
  </s:Body>
</s:Envelope>

```

```

<TransferTypeExitTSO xsi:nil="true"/>
<EntryTsoEic>47R-TS-A-A1B1C-2</EntryTsoEic>
<ContractIdEntryTSO xsi:nil="true"/>
<ProductQualityEntryTSO>FIRM</ProductQualityEntryTSO>
<TransferTypeEntryTSO xsi:nil="true"/>
<ConcernedTsoEic xsi:nil="true"/>
<CapacityType>Bundled</CapacityType>
<GasFlow>Physical</GasFlow>
<StartGasDay>2019.10.03.</StartGasDay>
<StartGashour>1</StartGashour>
<EndGasday>2019.10.10.</EndGasday>
<StartDate>2019-10-03T04:00:00</StartDate>
<EndDate>2019-10-10T04:00:00</EndDate>
<Unit>KW1</Unit>
<Quantity>20</Quantity>
<Status>Approved</Status>
<PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
<Id>1</Id>
<SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
<SellerNetworkUserName>PARTNER 2</SellerNetworkUserName>
<PartnerNetworkUserName>PARTNER 1</PartnerNetworkUserName>
<ProductType>MONTHLY</ProductType>
<Note>NOTE</Note>
<RefuseComment/>
<CreationTime>2019-02-27T15:30:01.147</CreationTime>
<Price>10.000000000000</Price>
<Currency>HUF</Currency>
<Validity>2019-08-28T01:00:00</Validity>
<SellerBalancingGroupExitTSO>Balancing1234</SellerBalancingGroupExitTSO>

<SellerBalancingGroupEntryTSO>Balancing6543</SellerBalancingGroupEntryTSO>

<PartnerBalancingGroupExitTSO>Balancing7984</PartnerBalancingGroupExitTSO>

<PartnerBalancingGroupEntryTSO>Balancing8745</PartnerBalancingGroupEntryTSO>
  </BilateralDeal>
  <BilateralDeal>
    <Code>BD11403</Code>
    <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
    <CapacityPointName>Csanádpalota</CapacityPointName>
    <NominationIdExitTSO>UnbundledExit</NominationIdExitTSO>
    <NominationIdEntryTSO xsi:nil="true"/>
    <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
    <ContractIdExitTSO xsi:nil="true"/>
    <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
    <TransferTypeExitTSO xsi:nil="true"/>
    <EntryTsoEic>47R-TS-A-A1B1C-2</EntryTsoEic>
    <ContractIdEntryTSO xsi:nil="true"/>
    <ProductQualityEntryTSO xsi:nil="true"/>
    <TransferTypeEntryTSO xsi:nil="true"/>
    <ConcernedTsoEic>21X-HU-A-A0A0A-8</ConcernedTsoEic>
    <CapacityType>Unbundled</CapacityType>
    <GasFlow>Physical</GasFlow>
    <StartGasDay>2019.10.04.</StartGasDay>
    <StartGashour>1</StartGashour>
    <EndGasday>2019.10.08.</EndGasday>
    <StartDate>2019-10-04T04:00:00</StartDate>
    <EndDate>2019-10-08T04:00:00</EndDate>
    <Unit>KW1</Unit>
    <Quantity>20</Quantity>
    <Status>Approved</Status>
    <PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
    <Id>2</Id>
    <SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
    <SellerNetworkUserName>PARTNER 1</SellerNetworkUserName>
    <PartnerNetworkUserName>PARTNER 2</PartnerNetworkUserName>
    <ProductType>MONTHLY</ProductType>
    <Note>TEST</Note>
    <RefuseComment/>
    <CreationTime>2019-02-27T16:10:01.487</CreationTime>
    <Price>10.000000000000</Price>

```

```

<Currency>HUF</Currency>
<Validity>2019-08-28T01:00:00</Validity>
<SellerBalancingGroupExitTSO>Balancing1534</SellerBalancingGroupExitTSO>
<SellerBalancingGroupEntryTSO xsi:nil="true"/>

<PartnerBalancingGroupExitTSO>Balancing1861</PartnerBalancingGroupExitTSO>
  <PartnerBalancingGroupEntryTSO xsi:nil="true"/>
</BilateralDeal>
</BilateralDeals>
</return>
</GetBilateralDealsResponseV3>
</s:Body>
</s:Envelope>

```

### 3.1.3 Query Bilateral transactions by time period (GetBilateralDealsByTimePeriodV4)

Service provided for TSOs and Network Users.

#### 3.1.3.1 Description

Version 4 of query bilateral deals by time period service, this chapter only describes the differences compared to GetBilateralDealsByTimePeriodV3.

#### 3.1.3.2 Response message

##### 3.1.3.2.1 Structure

XML Tag	Type	Description
<b>Price</b>	Decimal(28,12)	Price the transferee pays to the transferor
<b>PricePaidToTSO</b>	Decimal(28,12)	Price paid to TSO (Underlying Price) in case of assignment deal
<b>TotalPrice</b>	Decimal(28,12)	Total price: Price + PricePaidToTSO

##### 3.1.3.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetBilateralDealsResponseV4 xmlns="http://rbp.hu">
      <return>
        <BilateralDeals>
          <BilateralDeal>
            <Code>BD11402</Code>
            <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
            <CapacityPointName>Csanádpalota</CapacityPointName>
            <NominationIdExitTSO>BundledExit</NominationIdExitTSO>
            <NominationIdEntryTSO>BundledEntry</NominationIdEntryTSO>
            <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
            <ContractIdExitTSO>TSO_RHSZ-00001/M/2019/SEPT/00001</ContractIdExitTSO>
            <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
            <TransferTypeExitTSO>Assignment</TransferTypeExitTSO>
            <EntryTsoEic>47R-TS-A-A1B1C-2</EntryTsoEic>
            <ContractIdEntryTSO xsi:nil="true"/>
            <ProductQualityEntryTSO>FIRM</ProductQualityEntryTSO>
            <TransferTypeEntryTSO>Assignment</TransferTypeEntryTSO>
            <ConcernedTsoEic xsi:nil="true"/>
            <CapacityType>Bundled</CapacityType>
            <GasFlow>Physical</GasFlow>
            <StartGasDay>2020.09.01.</StartGasDay>
            <StartGashour>1</StartGashour>
            <EndGasday>2020.09.30.</EndGasday>
            <StartDate>2020-09-01T04:00:00</StartDate>
            <EndDate>2020-10-01T04:00:00</EndDate>
            <Unit>KW1</Unit>
            <Quantity>20</Quantity>
          </BilateralDeal>
        </BilateralDeals>
      </return>
    </GetBilateralDealsResponseV4>
  </s:Body>
</s:Envelope>

```

```

        <Status>Approved</Status>
        <PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
        <Id>1</Id>
        <SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
        <SellerNetworkUserName>PARTNER 2</SellerNetworkUserName>
        <PartnerNetworkUserName>PARTNER 1</PartnerNetworkUserName>
        <ProductType>MONTHLY</ProductType>
        <Note>NOTE</Note>
        <RefuseComment/>
        <CreationTime>2019-02-27T15:30:01.147</CreationTime>
        <Price>10.000000000000</Price>
        <Currency>HUF</Currency>
        <Validity>2020-08-28T01:00:00</Validity>
        <SellerBalancingGroupExitTSO>Balancing1234</SellerBalancingGroupExitTSO>

    <SellerBalancingGroupEntryTSO>Balancing6543</SellerBalancingGroupEntryTSO>

    <PartnerBalancingGroupExitTSO>Balancing7984</PartnerBalancingGroupExitTSO>

    <PartnerBalancingGroupEntryTSO>Balancing8745</PartnerBalancingGroupEntryTSO>
        <PricePaidToTSO>20.000000000000</PricePaidToTSO>
        <TotalPrice>30.000000000000</TotalPrice>
    </BilateralDeal>
    <BilateralDeal>
        <Code>BD11403</Code>
        <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
        <CapacityPointName>Csanádpalota</CapacityPointName>
        <NominationIdExitTSO>UnbundledExit</NominationIdExitTSO>
        <NominationIdEntryTSO xsi:nil="true"/>
        <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
        <ContractIdExitTSO xsi:nil="true"/>
        <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
        <TransferTypeExitTSO xsi:nil="true"/>
        <EntryTsoEic>47R-TS-A-A1B1C-2</EntryTsoEic>
        <ContractIdEntryTSO xsi:nil="true"/>
        <ProductQualityEntryTSO xsi:nil="true"/>
        <TransferTypeEntryTSO xsi:nil="true"/>
        <ConcernedTsoEic>21X-HU-A-A0A0A-8</ConcernedTsoEic>
        <CapacityType>Unbundled</CapacityType>
        <GasFlow>Physical</GasFlow>
        <StartGasDay>2020.08.01.</StartGasDay>
        <StartGashour>1</StartGashour>
        <EndGasday>2020.08.31.</EndGasday>
        <StartDate>2020-08-01T04:00:00</StartDate>
        <EndDate>2020-09-01T04:00:00</EndDate>
        <Unit>KW1</Unit>
        <Quantity>20</Quantity>
        <Status>RecipientApprovalNeeded</Status>
        <PartnerNetworkUserEic>39XTEST-NU-001-F</PartnerNetworkUserEic>
        <Id>2</Id>
        <SellerNetworkUserEic>39XTEST-NU-002-C</SellerNetworkUserEic>
        <SellerNetworkUserName>PARTNER 1</SellerNetworkUserName>
        <PartnerNetworkUserName>PARTNER 2</PartnerNetworkUserName>
        <ProductType>MONTHLY</ProductType>
        <Note>TEST</Note>
        <RefuseComment/>
        <CreationTime>2019-02-27T16:10:01.487</CreationTime>
        <Price>10.000000000000</Price>
        <Currency>HUF</Currency>
        <Validity>2020-08-28T01:00:00</Validity>
        <SellerBalancingGroupExitTSO>Balancing1534</SellerBalancingGroupExitTSO>
        <SellerBalancingGroupEntryTSO xsi:nil="true"/>

    <PartnerBalancingGroupExitTSO>Balancing1861</PartnerBalancingGroupExitTSO>
        <PartnerBalancingGroupEntryTSO xsi:nil="true"/>
        <TotalPrice>10.000000000000</TotalPrice>
    </BilateralDeal>
</BilateralDeals>
</return>
</GetBilateralDealsResponseV4>
</s:Body>

```

</s:Envelope>

3.1.4 Creation of a Bilateral transaction (CreateBilateralDeal - Phased out since 2020.05.15)  
Service provided for Network Users.

**Please note that as of 2020.05.15. this service will be phased out.**

#### 3.1.4.1 Description

On submitting the offer, we will create the offer in the system after formal checks. Whether the capacity is available it is controlled by the TSOs. If all participants approve the bilateral transactions, the capacity will be transferred.

The creator of the Bilateral transaction and its receiving Network User may only be a Network User at the relevant TSO/TSOs with the authority to establish a bilateral deal.

#### 3.1.4.2 Request message

The request message contains the details of the bilateral transaction to be created.

##### 3.1.4.2.1 Structure

XML Tag	Type	Description
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in the Bilateral transaction
<b>ExitTsoEic</b>	String(16)	Out of the valueset specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the Bilateral transaction.
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction, which is allowed at the Exit TSO or Concerned TSO. Transfer type according to the code library value set. (Code field)
<b>EntryTsoEic</b>	String(16)	Out of the valueset specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the Bilateral transaction.
<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction, which is allowed at the Entry TSO or Concerned TSO. Transfer type according to the code library value set. (Code field)
<b>ConcernedTsoEic</b>	String(16)	EIC of the concerned TSO for transfer of unbundled capacity at interconnection point
<b>CapacityType</b>	String(100)	Capacity type
<b>GasFlow</b>	String(100)	Trade direction
<b>ProductQuality</b>	String(100)	Capacity quality
<b>StartDate</b>	DateTime	Start of capacity period in transfer (UTC)

<b>EndDate</b>	DateTime	End of of capacity period in transfer (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of the receiving Network User
<b>ProductType</b>	String(100)	Product type
<b>Note</b>	String(400)	Comment
<b>Price</b>	Decimal(28,12)	Price
<b>Currency</b>	String(3)	Currency (EUR)
<b>Validity</b>	DateTime	End of validity

### 3.1.4.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu"
  xmlns:tem="http://tempuri.org/"
  xmlns:fgsz="http://schemas.datacontract.org/2004/07/Fgsz.Klp.Model.Contracts.BiddingService">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:CreateBilateralDeal>
      <rbp:CreateBilateralDealRequest>
        <rbp:CapacityPointEicCode>21Z000000000236Q</rbp:CapacityPointEicCode>
        <rbp:ExitTsoEic>21X-HU-A-A0A0A-8</rbp:ExitTsoEic>
        <rbp:EntryTsoEic>39XTEST-TSO-01-L</rbp:EntryTsoEic>
        <rbp:ConcernedTsoEic>21X-HU-A-A0A0A-8</rbp:ConcernedTsoEic>
        <rbp:CapacityType>UNBUNDLED</rbp:CapacityType>
        <rbp:GasFlow>PHYSICAL</rbp:GasFlow>
        <rbp:ProductQuality>FIRM</rbp:ProductQuality>
        <rbp:StartDate>2019-09-01T04:00:00</rbp:StartDate>
        <rbp:EndDate>2019-10-01T04:00:00</rbp:EndDate>
        <rbp:Unit>KW1</rbp:Unit>
        <rbp:Quantity>20</rbp:Quantity>
        <rbp:PartnerNetworkUserEic>39XTEST-NU-001-F</rbp:PartnerNetworkUserEic>
        <rbp:ProductType>MONTHLY</rbp:ProductType>
        <rbp>Note>test</rbp>Note>
        <rbp:Price>10</rbp:Price>
        <rbp:Currency>HUF</rbp:Currency>
        <rbp:Validity>2019-08-28T01:00:00</rbp:Validity>
      </rbp:CreateBilateralDealRequest>
    </rbp:CreateBilateralDeal>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.1.4.3 Response message

The response message is empty when filing is successful or possible error codes are included.

#### 3.1.4.3.1 Structure

XML Tag	Type	Description
<b>CreateBilateralDealResponse</b>		Wrapper tag

#### 3.1.4.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```

xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <CreateBilateralDealResponse xmlns="http://rbp.hu"/>
</s:Body>
</s:Envelope>

```

#### 3.1.4.4 Error codes

Errorcode	Errormessage
BD0001	The start of the transferred capacity must be at least {0} hours later to the actual time.
BD0002	The validity must be at least {0} hours prior to the start of the deal.
BD0004	Only a network user may initiate bilateral capacity transactions.
BD0005	The transferring network user and the recipient network user can not be the same!
BD0011	'{0}' field is required!
BD0012	Balancing group subdivision is required or balancing group subdivision is incomplete!
BD0013	The transfer end time cannot be earlier than the transfer start time!
BD0014	The Network User ({0}) doesn't have permission to create bilateral deal at the TSO {1}!
BD0015	The {0} field contains invalid value {1} !
BD0016	The given EIC code ({0} {1}) is invalid!
BD0020	The Exit and the Entry TSO cannot be the same!
TT0001	Transfer type mode is required!
TT0002	The Transfer Type must be equal for the Exit and Entry TSO!
BD0021	The Concerned TSO can only be filled if the unbundled capacity is offered at an interconnection point!
KT0023	Either the Exit or the Entry TSO must be provided!
KT0024	Only interconnection network point can be selected!

3.1.5 Creation of a Bilateral transaction (CreateBilateralDealV2 - Phased out from 2020.05.15)  
Service provided for Network Users.

**Please note that as of 2020.05.15. this service will be phased out.**

#### 3.1.5.1 Description

Version 2 of creation bilateral deals service, this chapter only describes the differences compared to CreateBilateralDeal.

#### 3.1.5.2 Request message

##### 3.1.5.2.1 Structure

XML Tag	Type	Description
ContractIdExitTSO	String(100)	The contract number which is related to the Exit TSO.
ContractIdEntryTSO	String(100)	The contract number which is related to the Entry TSO.

##### 3.1.5.2.2 Example

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu"
  xmlns:tem="http://tempuri.org/"

```

```

xmlns:fgsz="http://schemas.datacontract.org/2004/07/Fgsz.Klp.Model.Contracts.BiddingService">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:CreateBilateralDeal>
      <rbp:CreateBilateralDealRequest>
        <rbp:CapacityPointEicCode>21Z000000000236Q</rbp:CapacityPointEicCode>
        <rbp:ExitTsoEic>21X-HU-A-A0A0A-8</rbp:ExitTsoEic>
        <rbp:EntryTsoEic>39XTEST-TSO-01-L</rbp:EntryTsoEic>
        <rbp:ConcernedTsoEic>21X-HU-A-A0A0A-8</rbp:ConcernedTsoEic>
        <rbp:CapacityType>UNBUNDLED</rbp:CapacityType>
        <rbp:GasFlow>PHYSICAL</rbp:GasFlow>
        <rbp:ProductQuality>FIRM</rbp:ProductQuality>
        <rbp:StartDate>2019-09-01T04:00:00</rbp:StartDate>
        <rbp:EndDate>2019-10-01T04:00:00</rbp:EndDate>
        <rbp:Unit>KW1</rbp:Unit>
        <rbp:Quantity>20</rbp:Quantity>
        <rbp:PartnerNetworkUserEic>39XTEST-NU-001-F</rbp:PartnerNetworkUserEic>
        <rbp:ProductType>MONTHLY</rbp:ProductType>
        <rbp:Note>test</rbp:Note>
        <rbp:Price>10</rbp:Price>
        <rbp:Currency>HUF</rbp:Currency>
        <rbp:Validity>2019-08-28T01:00:00</rbp:Validity>
        <ContractIdExitTSO>TSO_RHSZ-00001/M/2019/SEPT/00001</ContractIdExitTSO>
      </rbp:CreateBilateralDealRequest>
    </rbp:CreateBilateralDeal>
  </soapenv:Body>
</soapenv:Envelope>

```

### 3.1.5.3 Error codes

Errorcode	Errormessage
<b>BD0023</b>	contract number cannot be specified for TSO {0}!

### 3.1.6 Creation of Bilateral transaction (CreateBilateralDealV3 – Phased out) Service provided for Network Users.

**Please note that as of 2023.11.23. this service will be phased out.**

#### 3.1.6.1 Description

On submitting the offer, we will create the offer in the system after formal checks. Whether the capacity is available it is controlled by the TSOs. If all participants approve the bilateral transactions, the capacity will be transferred.

The creator of the Bilateral transaction and its receiving Network User may only be a Network User at the relevant TSO/TSOs with the authority to establish a bilateral deal.

#### 3.1.6.2 Request message

The request message contains the details of the bilateral transaction to be created.

##### 3.1.6.2.1 Structure

XML Tag	Type	Description
---------	------	-------------



<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in the Bilateral transaction
<b>ExitTsoEic</b>	String(16)	Out of the valueset specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the Bilateral transaction.
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction, which is allowed at the Exit TSO or Concerned TSO. Transfer type according to the code library value set. (Code field)
<b>ProductQualityExitTSO</b>	String(100)	Capacity quality defined at the Exit TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ContractIdExitTSO</b>	String(100)	The contract number which is related to the Exit TSO.
<b>EntryTsoEic</b>	String(16)	Out of the valueset specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the Bilateral transaction.
<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction, which is allowed at the Entry TSO or Concerned TSO. Transfer type according to the code library value set. (Code field)
<b>ProductQualityEntryTSO</b>	String(100)	Capacity quality defined at the Entry TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ContractIdEntryTSO</b>	String(100)	The contract number which is related to the Entry TSO.
<b>ConcernedTsoEic</b>	String(16)	EIC of the concerned TSO for transfer of unbundled capacity at interconnection point
<b>CapacityType</b>	String(100)	Capacity type
<b>GasFlow</b>	String(100)	Trade direction
<b>StartDate</b>	DateTime	Start of capacity period in transfer (UTC)
<b>EndDate</b>	DateTime	End of of capacity period in transfer (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of the receiving Network User
<b>ProductType</b>	String(100)	Product type
<b>Note</b>	String(400)	Comment
<b>Price</b>	Decimal(28,12)	Price
<b>Currency</b>	String(3)	Currency (EUR)
<b>Validity</b>	DateTime	End of validity
<b>SellerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Exit TSO.
<b>SellerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Entry TSO.
<b>GTCAcceptanceIndicator</b>	String(1)	GTC acceptance indicator. Depending on the TSO setting

### 3.1.6.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu"
  xmlns:tem="http://tempuri.org/"
  xmlns:fgsz="http://schemas.datacontract.org/2004/07/Fgsz.Klp.Model.Contracts.BiddingService">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:CreateBilateralDeal>
      <rbp:CreateBilateralDealRequest>
        <rbp:CapacityPointEicCode>21Z000000000236Q</rbp:CapacityPointEicCode>
        <rbp:ExitTsoEic>21X-HU-A-A0A0A-8</rbp:ExitTsoEic>
        <rbp:ProductQualityExitTSO>FIRM</rbp:ProductQualityExitTSO>
        <rbp:ContractIdExitTSO>TSO_RHSZ-00001/M/2020/SEPT/00001</rbp:ContractIdExitTSO>
        <rbp:EntryTsoEic>39XTEST-TSO-01-L</rbp:EntryTsoEic>
        <rbp:ProductQualityEntryTSO>FIRM</rbp:ProductQualityEntryTSO>
        <rbp:ContractIdEntryTSO>TSO_RHSZ-12345/H/2020/SEPT/12345</rbp:ContractIdEntryTSO>
        <rbp:ConcernedTsoEic/>
        <rbp:CapacityType>BUNDLED</rbp:CapacityType>
        <rbp:GasFlow>PHYSICAL</rbp:GasFlow>
        <rbp:StartDate>2020-09-01T04:00:00</rbp:StartDate>
        <rbp:EndDate>2020-10-01T04:00:00</rbp:EndDate>
        <rbp:Unit>KW1</rbp:Unit>
        <rbp:Quantity>2000</rbp:Quantity>
        <rbp:PartnerNetworkUserEic>39XTEST-NU-001-F</rbp:PartnerNetworkUserEic>
        <rbp:ProductType>MONTHLY</rbp:ProductType>
        <rbp:Note>test</rbp:Note>
        <rbp:Price>10</rbp:Price>
        <rbp:Currency>EUR</rbp:Currency>
        <rbp:Validity>2020-08-28T01:00:00</rbp:Validity>

        <rbp:SellerBalancingGroupExitTSO>Balancing013146</rbp:SellerBalancingGroupExitTSO>

        <rbp:SellerBalancingGroupEntryTSO>Balancing435435</rbp:SellerBalancingGroupEntryTSO>
          <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
      </rbp:CreateBilateralDealRequest>
    </rbp:CreateBilateralDeal>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        </rbp:CreateBilateralDeal>
    </soapenv:Body>
</soapenv:Envelope>

```

### 3.1.6.3 Response message

The response message is empty when filing is successful or possible error codes are included.

#### 3.1.6.3.1 Structure

XML Tag	Type	Description
<b>CreateBilateralDealResponse</b>		Wrapper tag

#### 3.1.6.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <CreateBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>

```

### 3.1.6.4 Error codes

Errorcode	Errormessage
<b>BD0001</b>	The start of the transferred capacity must be at least {0} hours later to the actual time.
<b>BD0002</b>	The validity must be at least {0} hours prior to the start of the deal.
<b>BD0004</b>	Only a network user may initiate bilateral capacity transactions.
<b>BD0005</b>	The transferring network user and the recipient network user can not be the same!
<b>BD0011</b>	'{0}' field is required!
<b>BD0012</b>	Balancing group subdivision is required or balancing group subdivision is incomplete!
<b>BD0013</b>	The transfer end time cannot be earlier than the transfer start time!
<b>BD0014</b>	The Network User ({0}) doesn't have permission to create bilateral deal at the TSO {1}!
<b>BD0015</b>	The {0} field contains invalid value {1} !
<b>BD0016</b>	The given EIC code ({0} {1}) is invalid!
<b>BD0020</b>	The Exit and the Entry TSO cannot be the same!
<b>TT0001</b>	Transfer type mode is required!
<b>TT0002</b>	The Transfer Type must be equal for the Exit and Entry TSO!
<b>BD0021</b>	The Concerned TSO can only be filled if the unbundled capacity is offered at an interconnection point!
<b>KT0023</b>	Either the Exit or the Entry TSO must be provided!
<b>KT0024</b>	Only interconnection network point can be selected!

## 3.1.1 Creation of Bilateral transaction (CreateBilateralDealV4)

Service provided for Network Users.

### 3.1.1.1 Description

On submitting the offer, we will create the offer in the system after formal checks. Whether the capacity is available it is controlled by the TSOs. If all participants approve the bilateral transactions, the capacity will be transferred.

The creator of the Bilateral transaction and its receiving Network User may only be a Network User at the relevant TSO/TSOs with the authority to establish a bilateral deal.

### 3.1.1.2 Request message

The request message contains the details of the bilateral transaction to be created.

#### 3.1.1.2.1 Structure

XML Tag	Type	Description
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in the Bilateral transaction
<b>ExitTsoEic</b>	String(16)	Out of the valueset specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the Bilateral transaction.
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction, which is allowed at the Exit TSO or Concerned TSO. Transfer type according to the code library value set. (Code field)
<b>ProductQualityExitTSO</b>	String(100)	Capacity quality defined at the Exit TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ContractIdExitTSO</b>	String(100)	The contract number which is related to the Exit TSO.
<b>EntryTsoEic</b>	String(16)	Out of the valueset specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the Bilateral transaction.
<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the bilateral transaction, which is allowed at the Entry TSO or Concerned TSO. Transfer type according to the code library value set. (Code field)
<b>ProductQualityEntryTSO</b>	String(100)	Capacity quality defined at the Entry TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ContractIdEntryTSO</b>	String(100)	The contract number which is related to the Entry TSO.
<b>ConcernedTsoEic</b>	String(16)	EIC of the concerned TSO for transfer of unbundled capacity at interconnection point
<b>CapacityType</b>	String(100)	Capacity type
<b>GasFlow</b>	String(100)	Trade direction
<b>StartDate</b>	DateTime	Start of capacity period in transfer (UTC)
<b>EndDate</b>	DateTime	End of of capacity period in transfer (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of the receiving Network User
<b>ProductType</b>	String(100)	Product type
<b>Note</b>	String(400)	Comment

<b>Price</b>	Decimal(28,12)	Price <b>the transferee pays to the transferor</b>
<b>Currency</b>	String(3)	Currency (EUR)
<b>Validity</b>	DateTime	End of validity
<b>SellerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Exit TSO.
<b>SellerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Entry TSO.
<b>GTCAcceptanceIndicator</b>	String(1)	GTC acceptance indicator. Depending on the TSO setting
<b>PricePaidToTSO</b>	Decimal(28,12)	Price paid to TSO (Underlying Price) in case of assignment deal
<b>TotalPrice</b>	Decimal(28,12)	Total price: Price + PricePaidToTSO

### 3.1.1.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu"
  xmlns:tem="http://tempuri.org/"
  xmlns:fgsz="http://schemas.datacontract.org/2004/07/Fgsz.Klp.Model.Contracts.BiddingService">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:CreateBilateralDealV4>
      <rbp:CreateBilateralDealRequest>
        <rbp:CapacityPointEicCode>21Z000000000236Q</rbp:CapacityPointEicCode>
        <rbp:ExitTsoEic>21X-HU-A-A0A0A-8</rbp:ExitTsoEic>
        <rbp:ProductQualityExitTSO>FIRM</rbp:ProductQualityExitTSO>
        <rbp:ContractIdExitTSO>TSO_RHSZ-00001/M/2020/SEPT/00001</rbp:ContractIdExitTSO>
        <rbp:TransferTypeExitTSO>Assignment</rbp:TransferTypeExitTSO>
        <rbp:EntryTsoEic>39XTEST-TSO-01-L</rbp:EntryTsoEic>
        <rbp:ProductQualityEntryTSO>FIRM</rbp:ProductQualityEntryTSO>
        <rbp:ContractIdEntryTSO>TSO_RHSZ-12345/H/2020/SEPT/12345</rbp:ContractIdEntryTSO>
        <rbp:TransferTypeEntryTSO>Assignment</rbp:TransferTypeEntryTSO>
        <rbp:ConcernedTsoEic/>
        <rbp:CapacityType>BUNDLED</rbp:CapacityType>
        <rbp:GasFlow>PHYSICAL</rbp:GasFlow>
        <rbp:StartDate>2020-09-01T04:00:00</rbp:StartDate>
        <rbp:EndDate>2020-10-01T04:00:00</rbp:EndDate>
        <rbp:Unit>KW1</rbp:Unit>
        <rbp:Quantity>2000</rbp:Quantity>
        <rbp:PartnerNetworkUserEic>39XTEST-NU-001-F</rbp:PartnerNetworkUserEic>
      </rbp:CreateBilateralDealRequest>
    </rbp:CreateBilateralDealV4>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        <rbp:ProductType>MONTHLY</rbp:ProductType>
        <rbp:Note>test</rbp:Note>
        <rbp:Price>10</rbp:Price>
        <rbp:Currency>EUR</rbp:Currency>
        <rbp:Validity>2020-08-28T01:00:00</rbp:Validity>

<rbp:SellerBalancingGroupExitTSO>Balancing013146</rbp:SellerBalancingGroupExitTSO>

<rbp:SellerBalancingGroupEntryTSO>Balancing435435</rbp:SellerBalancingGroupEntryTSO>
        <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
        <rbp:PricePaidToTSO>20</rbp:PricePaidToTSO>
    </rbp:CreateBilateralDealRequest>
</rbp:CreateBilateralDealV4>
</soapenv:Body>
</soapenv:Envelope>

```

### 3.1.1.3 Response message

The response message is empty when filing is successful or possible error codes are included.

#### 3.1.1.3.1 Structure

XML Tag	Type	Description
<b>CreateBilateralDealResponse</b>		Wrapper tag

#### 3.1.1.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <CreateBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>

```

### 3.1.1.4 Error codes

Errorcode	Errormessage
<b>BD0001</b>	The start of the transferred capacity must be at least {0} hours later to the actual time.
<b>BD0002</b>	The validity must be at least {0} hours prior to the start of the deal.
<b>BD0004</b>	Only a network user may initiate bilateral capacity transactions.
<b>BD0005</b>	The transferring network user and the recipient network user can not be the same!
<b>BD0011</b>	'{0}' field is required!
<b>BD0012</b>	Balancing group subdivision is required or balancing group subdivision is incomplete!
<b>BD0013</b>	The transfer end time cannot be earlier than the transfer start time!
<b>BD0014</b>	The Network User ({0}) doesn't have permission to create bilateral deal at the TSO {1}!
<b>BD0015</b>	The {0} field contains invalid value {1} !
<b>BD0016</b>	The given EIC code ({0} {1}) is invalid!

<b>BD0020</b>	The Exit and the Entry TSO cannot be the same!
<b>TT0001</b>	Transfer type mode is required!
<b>TT0002</b>	The Transfer Type must be equal for the Exit and Entry TSO!
<b>BD0021</b>	The Concerned TSO can only be filled if the unbundled capacity is offered at an interconnection point!
<b>KT0023</b>	Either the Exit or the Entry TSO must be provided!
<b>KT0024</b>	Only interconnection network point can be selected!

### 3.1.2 Approval of Bilateral transaction (ApproveBilateralDeal)

Service provided for TSOs.

#### 3.1.2.1 Description

TSOs with the appropriate eligibility may approve the bilateral capacity offerings in which they are involved and that are in progress.

#### 3.1.2.2 Request message

The request message contains a bilateral transaction identifier and optionally, the explanatory for the approval.

##### 3.1.2.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment
<b>Id</b>	Int64	Bilateral transaction identifier

##### 3.1.2.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:ApproveBilateralDealRequest>
      <rbp:Comment>Comment</rbp:Comment>
      <rbp:Id>95</rbp:Id>
    </rbp:ApproveBilateralDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

#### 3.1.2.3 Response message

The response message is empty when creating is successful or possible error codes are included.

##### 3.1.2.3.1 Structure

XML Tag	Type	Description
<b>ApproveBilateralDealResponse</b>		Wrapper tag

### 3.1.2.3.2 Example

The response message is empty when creating is successful or possible error codes are included.

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <ApproveBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.1.2.4 Error codes

Errorcode	Errormessage
<b>BD0006</b>	The current TSO does not belong to the transaction.
<b>BD0007</b>	The current TSO has already approved the transaction.
<b>BD0018</b>	The bilateral transaction does not exist!
<b>BD0019</b>	The operation cannot be executed because the bilateral transaction is not in the correct status!

## 3.1.3 Rejection of Bilateral deal (RejectBilateralDeal)

Service provided for TSOs.

### 3.1.3.1 Description

TSOs with the appropriate rights may reject the bilateral capacity offerings in which they are involved and that are in progress.

The service is only available for offers in TSOApprovalNeeded status.

### 3.1.3.2 Request message

In the request message the TSO provides a bilateral transaction identifier and a rejection explanatory comment, which is mandatory in the case of rejection.

#### 3.1.3.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment
<b>Id</b>	Int64	Bilateral transaction identifier

### 3.1.3.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:RejectBilateralDealRequest>
      <rbp:Comment>Reject comment</rbp:Comment>
      <rbp:Id>96</rbp:Id>
    </rbp:RejectBilateralDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```



### 3.1.3.3 Response message

The response message is empty when creating is successful or possible error codes are included.

#### 3.1.3.3.1 Structure

XML Tag	Type	Description
<b>RejectBilateralDealResponse</b>		Wrapper tag

#### 3.1.3.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <RejectBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.1.3.4 Error codes

Errorcode	Errormessage
<b>BD0006</b>	The current TSO does not belong to the transaction.
<b>BD0018</b>	The bilateral transaction does not exist!
<b>BD0019</b>	The operation cannot be executed because the bilateral transaction is not in the correct status!

## 3.1.4 Approval of Bilateral transaction (ApproveBilateralDeal)

Service provided for Network Users.

### 3.1.4.1 Description

Network Users with the appropriate privileges can approve the bilateral capacity offerings characteristics in which they are marked as receivers.

If the balancing group allocation is mandatory at the specified TSO, the allocation is mandatory for the Network User. If the balancing group allocation is optional at the TSO, the Network Use may decide to allocate. If the TSO does not handle balancing groups, then balancing group allocation is not interpreted. Depending on the relevant settings, for both connected TSOs, it may be necessary to specify balancing groups at both TSOs in the transaction.

### 3.1.4.2 Request message

The request message contains a bilateral transaction identifier and optionally, the an explanatory for the approval.

#### 3.1.4.2.1 Structure

XML Tag	Type	Description
<b>Id</b>	Int64	Bilat deal identifier
<b>Comment</b>	String(400)	Comment
<b>PartnerNUBalancingGroupCodeExitTSO</b>	String(100)	Balancing group code

		given by the partner Network user at the Exit TSO.
<b>PartnerNUBalancingGroupCodeEntryTSO</b>	String(100)	Balancing group code given by the partner Network user at the Entry TSO.
<b>GTCAcceptanceIndicator</b>	String(1)	GTC acceptance indicator. Depending on the TSO setting

### 3.1.4.2.2 Example

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:rbp="http://rbp.hu">
  <soap:Header/>
  <soap:Body>
    <rbp:ApproveBilateralDealRequest>
      <rbp:Comment>Comment</rbp:Comment>
      <rbp:Id>167</rbp:Id>
    <rbp:PartnerNUBalancingGroupCodeExitTSO>Balancing1234</rbp:PartnerNUBalancingGroupCodeExitTSO>
    <rbp:PartnerNUBalancingGroupCodeEntryTSO>Balancing5678</rbp:PartnerNUBalancingGroupCodeEntryTSO>
    <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
  </rbp:ApproveBilateralDealRequest>
</soap:Body>
</soap:Envelope>
```

### 3.1.4.3 Response message

The response message is empty when creating is successful or possible error codes are included.

#### 3.1.4.3.1 Structure

XML Tag	Type	Description
<b>ApproveBilateralDealResponse</b>		Wrapper tag

#### 3.1.4.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

```

    <ApproveBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>

```

#### 3.1.4.4 Error codes

Errorcode	ErrorMessage
<b>BD0008</b>	The current network user is not the recipient network user.
<b>BD0012</b>	Balancing group subdivision is required or balancing group subdivision is incomplete!
<b>BD0018</b>	The bilateral transaction does not exist!
<b>BD0019</b>	The operation cannot be executed because the bilateral transaction is not in the correct status!
<b>BG0001</b>	The shared quantity ({0}) is not matched with the distributed quantity ({1})!
<b>BG0002</b>	The given TSO ({0}) is not affected in the distribution!
<b>BG0003</b>	The given balancing group is not exist or no longer valid!
<b>BG0004</b>	The given balancing group member is not member of the balancing group ({0})!
<b>BG0005</b>	'{0}' field is required!
<b>BG0006</b>	It is not allowed to use balancing groups at {0} TSO.

#### 3.1.5 Rejection of Bilateral deal (RejectBilateralDeal)

Service provided for Network Users.

##### 3.1.5.1 Description

Network Users with the right privileges may reject the bilateral capacity offerings in which they are marked as receivers.

##### 3.1.5.2 Request message

In the message containing the request message, the TSO provides a bilateral transaction identifier and a rejection explanatory comment, which is mandatory for rejection.

##### 3.1.5.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment
<b>Id</b>	Int64	Bilateral transaction identifier

##### 3.1.5.2.2 Example

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:RejectBilateralDealRequest>
      <rbp:Comment>Reject comment</rbp:Comment>
      <rbp:Id>96</rbp:Id>
    </rbp:RejectBilateralDealRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

### 3.1.5.3 Response message

The response message is empty when creating is successful or possible error codes are included.

#### 3.1.5.3.1 Structure

XML Tag	Type	Description
<b>RejectBilateralDealResponse</b>		Wrapper tag

#### 3.1.5.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <RejectBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.1.5.4 Error codes

Errorcode	ErrorMessage
<b>BD0008</b>	The current network user is not the recipient network user.
<b>BD0018</b>	The bilateral transaction does not exist!
<b>BD0019</b>	The operation cannot be executed because the bilateral transaction is not in the correct status!

3.1.6 Rejection of Bilateral deal cancellation (RejectCancellationBilateralDeal)  
Service provided for TSOs.

#### 3.1.6.1 Description

The TSOs involved in the bilateral transaction may refuse cancellation of the bilateral capacity offerings.

#### 3.1.6.2 Request message

In the request message the TSO provides a bilateral transaction identifier and a rejection reasoning comment, which is mandatory in the case of rejection.

#### 3.1.6.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment
<b>Id</b>	Int64	Bilateral transaction identifier

#### 3.1.6.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
```

```

    <rbp:RejectCancellationBilateralDealRequest>
      <rbp:Comment>Comment</rbp:Comment>
      <rbp:Id>96</rbp:Id>
    </rbp:RejectCancellationBilateralDealRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

### 3.1.6.3 Response message

The response message is empty when creating is successful or possible error codes are included.

#### 3.1.6.3.1 Structure

XML Tag	Type	Description
<b>RejectCancellationBilateralDealResponse</b>		Wrapper tag

#### 3.1.6.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <RejectCancellationBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>

```

### 3.1.6.4 Error codes

Errorcode	Errormessage
<b>BD0006</b>	The current TSO does not belong to the transaction.
<b>BD0018</b>	The bilateral transaction does not exist!
<b>BD0019</b>	The operation can not be executed because the bilateral transaction is not in the correct status!

3.1.7 Approval of the Bilateral deal cancellation (ApproveCancellationBilateralDeal)  
Service provided for TSOs.

#### 3.1.7.1 Description

TSOs with the appropriate right may approve the cancellation of bilateral capacity offerings.

#### 3.1.7.2 Request message

The request message contains a bilateral transaction identifier and optionally, the explanatory for the approval.

#### 3.1.7.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment

<b>Id</b>	Int64	Bilateral transaction identifier
-----------	-------	----------------------------------

### 3.1.7.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:ApproveCancellationBilateralDealRequest>
      <rbp:Comment>Comment</rbp:Comment>
      <rbp:Id>96</rbp:Id>
    </rbp:ApproveCancellationBilateralDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.1.7.3 Response message

The response message is empty when creating is successful or possible error codes are included.

#### 3.1.7.3.1 Structure

XML Tag	Type	Description
<b>ApproveCancellationBilateralDealResponse</b>		Wrapper tag

### 3.1.7.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <ApproveCancellationBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.1.7.4 Error codes

Errorcode	Errormessage
<b>BD0006</b>	The current TSO does not belong to the transaction.
<b>BD0018</b>	The bilateral transaction does not exist!
<b>BD0019</b>	The operation cannot be executed because the bilateral transaction is not in the correct status!

## 3.1.8 Cancellation of the Bilateral deal (CancelBilateralDeal)

Service provided for Network Users.

### 3.1.8.1 Description

Network Users with the right privilege may cancel the bilateral capacity offerings (unapproved transaction) that they have created.

### 3.1.8.2 Request message

The request message contains the bilateral transaction identifier to be canceled.

### 3.1.8.2.1 Structure

XML Tag	Type	Description
<b>Id</b>	<b>Int64</b>	Bilateral transaction identifier

### 3.1.8.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:CancelBilateralDealRequest>
      <rbp:Id>96</rbp:Id>
    </rbp:CancelBilateralDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.1.8.3 Response message

The response message is empty when creating is successful or possible error codes are included.

### 3.1.8.3.1 Structure

XML Tag	Type	Description
<b>CancelBilateralDealResponse</b>		Wrapper tag

### 3.1.8.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <CancelBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.1.8.4 Error codes

Errorcode	Errormessage
<b>BD0010</b>	The current network user is not the transferring network user.
<b>BD0018</b>	The bilateral transaction does not exist!
<b>BD0019</b>	The operation cannot be executed because the bilateral transaction is not in the correct status!

3.1.9 Cancellation of Bilateral deal on an approved deal (CancelApprovedBilateralDeal)  
Service provided for Network Users.

### 3.1.9.1 Description

Network Users with the appropriate privileges can withdraw the already approved bilateral capacity deals they have created.

### 3.1.9.2 Request message

The request message contains the bilateral transaction identifier to be canceled.

#### 3.1.9.2.1 Structure

XML Tag	Type	Description
<b>Id</b>	Int64	Bilateral transaction identifier
<b>GTCAcceptanceIndicator</b>	String(1)	GTC acceptance indicator. Depending on the TSO setting

#### 3.1.9.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:CancelApprovedBilateralDealRequest>
      <rbp:Id>96</rbp:Id>
      <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
    </rbp:CancelApprovedBilateralDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

#### 3.1.9.2.3

### 3.1.9.3 Response message

The response message is empty when creating is successful or possible error codes are included.

#### 3.1.9.3.1 Structure

XML Tag	Type	Description
<b>CancelApprovedBilateralDealResponse</b>		Wrapper tag

#### 3.1.9.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <CancelApprovedBilateralDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.1.9.4 Error codes

Errorcode	ErrorMessage
<b>BD0010</b>	The current network user is not the transferring network user.
<b>BD0018</b>	The bilateral transaction does not exist!
<b>BD0019</b>	The operation cannot be executed because the bilateral transaction is not in the correct status!



## 3.2 Capacity market transactions

### 3.2.1 Business environment

TSOs can query the capacity market transactions through the interface developed on which they have to do an approval task or may have an additional administrative task in the related system.

3.2.2 Query Capacity market deals (GetCapacityMarketDeals - Phased out from 2020.05.15)  
Service provided for TSOs.

**Please note that as of 2020.05.15, this service will be phased out.**

#### 3.2.2.1 Description

TSOs may query those capacity market transactions on that they have an approval task, ie. the status of the offerpair to do:

**ApprovalNeeded:** The TSO must check whether the Network User has the capacity available. In case of bundled capacity, both concerned TSOs must check the availability of capacity (if no auto approval is set).

Or the deal has already come to an end status, but it still can be subject to an administrative task in the associated systems.

**Cancelled:** transaction Status Deleted.

**Rejected:** Status of the transaction refused.

**Coupled:** The status of the transaction is matched.

Transactions will be transferred over Webservice until the period of use of the product has begun.

Transactions will always be made up of pairs of original and related offers. Due to the possibility of timely and quantitatively partial fulfillment of the transaction, the quantity of capacity and the period of the transfer are calculated from the related offer:

- RelatedQuantity
- RelatedStartGasHour
- RelatedEndGashour
- RelatedStartDate
- RelatedStartGasDay
- RelatedEndDate
- RelatedEndGasDay

#### 3.2.2.2 Request message

The request message does not have an input parameter.

##### 3.2.2.2.1 Structure

XML Tag	Type	Description
GetCapacityMarketDealsRequest		Wrapper tag

### 3.2.2.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:GetCapacityMarketDealsRequest>
      <rbp:GetCapacityMarketDeals/>
    </rbp:GetCapacityMarketDealsRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.2.2.3 Response message

The response message retrieves the transactions if filed that are subject to TSO's task or possible error codes are included.

#### 3.2.2.3.1 Structure

XML Tag	Type	Description
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in capacity market transaction.
<b>CapacityPointName</b>	String(100)	Name of the network point involved in capacity market transaction
<b>NominationIdExitTSO</b>	String(16)	Out of the values specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the capacity market transaction .
<b>NominationIdEntryTSO</b>	String(16)	Out of the values specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the capacity market transaction
<b>ExitTsoEic</b>	String(16)	EIC code of Exit TSO from view of capacity flow direction involved in an capacity market transaction
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the capacity market transaction. Transfer type according to the code library value set. (Code field)
<b>EntryTsoEic</b>	String(16)	EIC code for an Entry TSO from view of the capacity flow direction involved in capacity market transaction
<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the capacity market transaction. Transfer type according to the code library value set. (Code field)
<b>ConcernedTsoEic</b>	String(16)	EIC code of the concerned TSO for transfer of an unbundled capacity at an interconnection point
<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow</b>	String (100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>ProductQuality</b>	String (100)	Capacity quality Value set according to the Capacity quality code library (Code1 field).

<b>StartGasDay</b>	DateTime	Starting gas day for the capacity period of the original offer
<b>StartGashour</b>	Int32	Starting gas hour of the capacity period of the original offer
<b>EndGasday</b>	DateTime	Final gas day of the capacity period of the original offer
<b>StartDate</b>	DateTime	Start of capacity period in the original offer (UTC)
<b>EndDate</b>	DateTime	End of capacity period in the original offer (UTC)
<b>Unit</b>	String(200)	Capacity measurement unit Value set in accordance with the auction unit code (EDIGAS code field).
<b>Quantity</b>	Int32	Quantity of capacity in original offer
<b>Status</b>	String(100)	Capacity market transaction status
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of the buyer type offer bidder
<b>Id</b>	Int64	Capacity Market transaction Identifier (This field is the identifier of the transaction itself that is generated from the original offer indicated by CapacityMarketOfferId and the associated offer given by RelatedOfferId)
<b>CapacityMarketOfferId</b>	Int64	Original offer identifier
<b>SellerNetworkUserEic</b>	String(16)	EIC code for a seller type offer
<b>SellerNetworkUserName</b>	String(100)	Name of seller type bidder
<b>PartnerNetworkUserName</b>	String(100)	Name of buyer type bidder
<b>EndGasHour</b>	Int32	Final gas hour of the capacity period in the original offer
<b>OfferType</b>	String(100)	Capacity Market offer Type (Sell or Buy)
<b>MinimumQuantity</b>	Int32	Minimum partial quantity in original offer
<b>PartialPeriodEnabled</b>	Bit	Indication of sub-period enabling in the original offer
<b>PartialPeriodCount</b>	Int32	Value of sub-period included in original offer
<b>RelatedOfferId</b>	Int64	Related offer identifier
<b>RelatedQuantity</b>	Int32	Amount of capacity included in the related offer
<b>RelatedStartGasHour</b>	Int32	Starting gas hour of the capacity in the related offer
<b>RelatedEndGashour</b>	Int32	End gas hour of the capacity in the related offer
<b>RelatedStartDate</b>	DateTime	Star of the capacity period in the related offer (UTC)
<b>RelatedStartGasDay</b>	DateTime	Starting gas day for the capacity period in related offer
<b>RelatedEndDate</b>	DateTime	End of capacity period in related offer (UTC)
<b>RelatedEndGasDay</b>	DateTime	End gas day in related offer
<b>RelatedValidity</b>	DateTime	Validity of related offer
<b>Price</b>	Decimal(28,12)	Offer price in original offer
<b>Currency</b>	String(3)	The currency of offer price in the original offer
<b>Validity</b>	DateTime	Validity of original offer
<b>TsoEic</b>	String(16)	TSO EIC code of distribution
<b>BalancingGroupCode</b>	String(200)	Distribution code
<b>BalancingGroupMember</b>	String(200)	Member name of the distribution
<b>Quantity</b>	Int32	Distributed quantity

### 3.2.2.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

```

<GetCapacityMarketDealsResponse xmlns="http://rbp.hu">
  <return>
    <CapacityMarketDeals>
      <CapacityMarketDeal>
        <CapacityPointEicCode>21Z000000000358C</CapacityPointEicCode>
        <CapacityPointName>Balassagyarmat</CapacityPointName>
        <NominationIdExitTSO xsi:nil="true"/>
        <NominationIdEntryTSO xsi:nil="true"/>
        <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
        <EntryTsoEic xsi:nil="true"/>
        <ConcernedTsoEic xsi:nil="true"/>
        <CapacityType>Unbundled</CapacityType>
        <GasFlow>Physical</GasFlow>
        <ProductQuality>FIRM</ProductQuality>
        <StartGasDay>2017.07.19.</StartGasDay>
        <StartGashour>15</StartGashour>
        <EndGasday>2017.07.19.</EndGasday>
        <StartDate>2017-07-19T18:00:00</StartDate>
        <EndDate>2017-07-20T04:00:00</EndDate>
        <Unit>KWL</Unit>
        <Quantity>500</Quantity>
        <Status>ApprovalNeeded</Status>
        <PartnerNetworkUserEic>39XTEST-NU-002-C</PartnerNetworkUserEic>
        <Id>10020</Id>
        <CapacityMarketOfferId>10051</CapacityMarketOfferId>
        <SellerNetworkUserEic>39XTEST-NU-001-F</SellerNetworkUserEic>
        <SellerNetworkUserName>Seller partner name</SellerNetworkUserName>
        <PartnerNetworkUserName>Buyer partner name</BuyerNetworkUserName>
        <EndGasHour>24</EndGasHour>
        <OfferType>Buy</OfferType>
        <MinimumQuantity xsi:nil="true"/>
        <PartialPeriodEnabled>false</PartialPeriodEnabled>
        <PartialPeriodCount xsi:nil="true"/>
        <RelatedOfferId>10065</RelatedOfferId>
        <RelatedQuantity>500</RelatedQuantity> <RelatedStartDate>2017-
07-19T18:00:00</RelatedStartDate>
        <RelatedStartGasDay>2017.07.19.</RelatedStartGasDay>
        <RelatedStartGasHour>15</RelatedStartGasHour>
        <RelatedEndDate>2017-07-20T04:00:00</RelatedEndDate>
        <RelatedEndGasDay>2017.07.19.</RelatedEndGasDay>
        <RelatedEndGashour>24</RelatedEndGashour>
        <RelatedValidity>2017-07-19T15:00:00</RelatedValidity>
        <Price>10.000000000000</Price>
        <Currency>EUR</Currency>
        <Validity>2017-07-19T15:00:00</Validity>
        <BalancingGroupDistributions>
          <BalancingGroupDistribution>
            <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
            <balancingGroupCode>Code1</balancingGroupCode>
            <balancingGroupMember>GroupMember1</balancingGroupMember>
            <quantity>250</quantity>
          </BalancingGroupDistribution>
          <BalancingGroupDistribution>
            <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
            <balancingGroupCode>Code1</balancingGroupCode>
            <balancingGroupMember> GroupMember2</balancingGroupMember>
            <quantity>250</quantity>
          </BalancingGroupDistribution>
        </BalancingGroupDistributions>
      </CapacityMarketDeal>
      <CapacityMarketDeal>
        <CapacityPointEicCode>21Z000000000249Hx</CapacityPointEicCode>
        <CapacityPointName>Drávaszerdahely</CapacityPointName>
        <NominationIdExitTSO xsi:nil="true"/>
        <NominationIdEntryTSO xsi:nil="true"/>
        <ExitTsoEic>39XTEST-TSO-01-L</ExitTsoEic>
        <EntryTsoEic>21X-HU-A-A0A0A-8</EntryTsoEic>
        <ConcernedTsoEic xsi:nil="true"/>
        <CapacityType>Bundled</CapacityType>
        <GasFlow>Physical</GasFlow>
        <ProductQuality>FIRM</ProductQuality>

```

```

<StartDate>2017-07-19T18:00:00</StartDate>
<StartGasDay>2017.07.19.</StartGasDay>
<StartGashour>15</StartGashour>
<EndDate>2017-07-20T04:00:00</EndDate>
<EndGasday>2017.07.19.</EndGasday>                                <EndGasHour>24</EndGasHour>
<Unit>KW2</Unit>
<Quantity>10</Quantity>
<Status>ApprovalNeeded</Status>
<PartnerNetworkUserEic>39XTEST-NU-002-C</PartnerNetworkUserEic>
<Id>10024</Id>
<CapacityMarketOfferId>10057</CapacityMarketOfferId>
<SellerNetworkUserEic>39XTEST-NU-001-F</SellerNetworkUserEic>
<SellerNetworkUserName>Seller partner name</SellerNetworkUserName>
<PartnerNetworkUserName>Buyer partner name</BuyerNetworkUserName>
<OfferType>Sale</OfferType>
<MinimumQuantity xsi:nil="true"/>
<PartialPeriodEnabled>false</PartialPeriodEnabled>
<PartialPeriodCount xsi:nil="true"/>
<RelatedOfferId>10069</RelatedOfferId>
<RelatedQuantity>10</RelatedQuantity>
<RelatedStartGasHour>15</RelatedStartGasHour>
<RelatedEndGashour>24</RelatedEndGashour>
<RelatedStartDate>2017-07-19T18:00:00</RelatedStartDate>
<RelatedStartGasDay>2017.07.19.</RelatedStartGasDay>
<RelatedEndDate>2017-07-20T04:00:00</RelatedEndDate>
<RelatedEndGasDay>2017.07.19.</RelatedEndGasDay>
<RelatedValidity>2017-07-19T15:00:00</RelatedValidity>
<Price>1.000000000000</Price>
<Currency>HRK</Currency>
<Validity>2017-07-19T15:00:00</Validity>
<BalancingGroupDistributions>
  <BalancingGroupDistribution>
    <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    <balancingGroupCode>Code2</balancingGroupCode>
    <balancingGroupMember>GroupMember1</balancingGroupMember>
    <quantity>5</quantity>
  </BalancingGroupDistribution>
  <BalancingGroupDistribution>
    <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
    <balancingGroupCode>Code2</balancingGroupCode>
    <balancingGroupMember> GroupMember2</balancingGroupMember>
    <quantity>5</quantity>
  </BalancingGroupDistribution>
</BalancingGroupDistributions>
</CapacityMarketDeal>
</CapacityMarketDeals>
</return>
</GetCapacityMarketDealsResponse>
</s:Body>
</s:Envelope>

```

### 3.2.3 Query Capacity market deals (GetCapacityMarketDealsV2)

Service provided for TSOs.

#### 3.2.3.1 Description

TSOs may query those capacity market transactions on that they have an approval task, ie. the status of the offerpair to do:

**ApprovalNeeded:** The TSO must check whether the Network User has the capacity available. In case of bundled capacity, both concerned TSOs must check the availability of capacity (if no auto approval is set).

Or the deal has already come to an end status, but it still can be subject to an administrative task in the associated systems.

**Cancelled:** transaction Status Deleted.

**Rejected:** Status of the transaction refused.

**Coupled:** The status of the transaction is matched.

Transactions will be transferred over Webservice until the period of use of the product has begun.

Transactions will always be made up of pairs of original and related offers. Due to the possibility of timely and quantitatively partial fulfillment of the transaction, the quantity of capacity and the period of the transfer are calculated from the related offer.

### 3.2.3.2 Request message

The request message does not have an input parameter.

#### 3.2.3.2.1 Structure

XML Tag	Type	Description
<b>GetCapacityMarketDealsRequest</b>		Wrapper tag

#### 3.2.3.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:GetCapacityMarketDealsRequest>
      <rbp:GetCapacityMarketDeals/>
    </rbp:GetCapacityMarketDealsRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.2.3.3 Response message

The response message retrieves the transactions if filed that are subject to TSO's task or possible error codes are included.

#### 3.2.3.3.1 Structure

XML Tag	Type	Description
<b>Id</b>	Int64	Capacity Market transaction Identifier (This field is the identifier of the transaction itself that is generated from the original offer indicated by CapacityMarketOfferId and the associated offer given by RelatedOfferId)
<b>Code</b>	String(10)	The code of the capacity market deal
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in capacity

		market transaction.
<b>CapacityPointName</b>	String(100)	Name of the network point involved in capacity market transaction
<b>ExitTsoEic</b>	String(16)	EIC code of Exit TSO from view of capacity flow direction involved in an capacity market transaction
<b>ProductQualityExitTSO</b>	String(100)	Capacity quality defined at the Exit TSO. Value set according to the Capacity Quality Code library (Code field).
<b>NominationIdExitTSO</b>	String(16)	Out of the values specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the capacity market transaction .
<b>ContractIdExitTSO</b>	String(100)	ContractId related to the Exit TSO.
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the capacity market transaction. Transfer type according to the code library value set. (Code field)
<b>EntryTsoEic</b>	String(16)	EIC code for an Entry TSO from view of the capacity flow direction involved in capacity market transaction
<b>ProductQualityEntryTSO</b>	String(100)	Capacity quality defined at the Entry TSO. Value set according to the Capacity Quality Code library (Code field).
<b>NominationIdEntryTSO</b>	String(16)	Out of the values specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the capacity market transaction
<b>ContractIdEntryTSO</b>	String(100)	ContractId related tot he Entry TSO.

<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the capacity market transaction. Transfer type according to the code library value set. (Code field)
<b>ConcernedTsoEic</b>	String(16)	EIC code of the concerned TSO for transfer of an unbundled capacity at an interconnection point
<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow</b>	String (100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>Unit</b>	String(200)	Capacity measurement unit Value set in accordance with the auction unit code (EDIGAS code field).
<b>StartGasDay</b>	DateTime	Starting gas day for the capacity period of the original offer
<b>StartGashour</b>	Int32	Starting gas hour of the capacity period of the original offer
<b>StartDate</b>	DateTime	Start of capacity period in the original offer (UTC)
<b>EndGasday</b>	DateTime	Final gas day of the capacity period of the original offer
<b>EndGasHour</b>	Int32	Final gas hour of the capacity period in the original offer
<b>EndDate</b>	DateTime	End of capacity period in the original offer (UTC)
<b>Quantity</b>	Int32	Quantity of capacity in original offer
<b>Price</b>	Decimal(28,12)	Offer price in original offer
<b>Currency</b>	String(3)	The currency of offer price in the original offer
<b>Status</b>	String(100)	Capacity market transaction status



<b>SellerNetworkUserEic</b>	String(16)	EIC code for a seller type offer
<b>SellerNetworkUserName</b>	String(100)	Name of seller type bidder
<b>SellerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Exit TSO.
<b>SellerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Entry TSO.
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of the buyer type offer bidder
<b>PartnerNetworkUserName</b>	String(100)	Name of buyer type bidder
<b>PartnerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the partner Network user at the Exit TSO.
<b>PartnerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the partner Network user at the Entry TSO.
<b>PartialPeriodEnabled</b>		<i>Phased out</i>
<b>PartialPeriodCount</b>		<i>Phased out</i>
<b>RelatedOfferId</b>		<i>Phased out</i>
<b>ProductQuality</b>		<i>Phased out</i>
<b>RelatedQuantity</b>		<i>Phased out</i>
<b>RelatedStartGasHour</b>		<i>Phased out</i>
<b>RelatedEndGashour</b>		<i>Phased out</i>
<b>RelatedStartDate</b>		<i>Phased out</i>
<b>RelatedStartGasDay</b>		<i>Phased out</i>
<b>RelatedEndDate</b>		<i>Phased out</i>
<b>RelatedEndGasDay</b>		<i>Phased out</i>
<b>RelatedValidity</b>		<i>Phased out</i>
<b>OfferType</b>		<i>Phased out</i>
<b>MinimumQuantity</b>		<i>Phased out</i>
<b>Validity</b>		<i>Phased out</i>

### 3.2.3.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCapacityMarketDealsResponseV2 xmlns="http://rbp.hu">
      <return>
        <CapacityMarketDeals>

```

```

<CapacityMarketDeal>
  <Id>10020</Id>
  <Code>CMD10020</Code>
  <CapacityPointEicCode>21Z0000000000358C</CapacityPointEicCode>
  <CapacityPointName>Balassagyarmat</CapacityPointName>
  <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
  <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
  <NominationIdExitTSO xsi:nil="true"/>
  <ContractIdExitTSO>TSO_RHSZ-00001/D/2020/DAY/00001</ContractIdExitTSO>
  <TransferTypeExitTSO xsi:nil="true"/>
  <EntryTsoEic xsi:nil="true"/>
  <ProductQualityEntryTSO xsi:nil="true"/>
  <NominationIdEntryTSO xsi:nil="true"/>
  <ContractIdEntryTSO xsi:nil="true"/>
  <TransferTypeEntryTSO xsi:nil="true"/>
  <ConcernedTsoEic xsi:nil="true"/>
  <CapacityType>Unbundled</CapacityType>
  <GasFlow>Physical</GasFlow>
  <Unit>KW1</Unit>
  <StartGasDay>2020.07.19.</StartGasDay>
  <StartGashour>15</StartGashour>
  <StartDate>2020-07-19T18:00:00</StartDate>
  <EndGasday>2020.07.19.</EndGasday>
  <EndGasHour>24</EndGasHour>
  <EndDate>2020-07-20T04:00:00</EndDate>
  <Quantity>500</Quantity>
  <Price>10.000000000000</Price>
  <Currency>EUR</Currency>
  <Status>ApprovalNeeded</Status>
  <SellerNetworkUserEic>39XTEST-NU-001-F</SellerNetworkUserEic>
  <SellerNetworkUserName>Seller partner name</SellerNetworkUserName>
  <SellerBalancingGroupExitTSO>Balancing5724</SellerBalancingGroupExitTSO>
  <SellerBalancingGroupEntryTSO xsi:nil="true"/>
  <PartnerNetworkUserEic>39XTEST-NU-002-C</PartnerNetworkUserEic>
  <PartnerNetworkUserName>Partner name</PartnerNetworkUserName>

<PartnerBalancingGroupExitTSO>Balancing5724</PartnerBalancingGroupExitTSO>

```

```

    <PartnerBalancingGroupEntryTSO xsi:nil="true"/>
  </CapacityMarketDeal>
  <CapacityMarketDeal>
    <Id>10024</Id>
    <Code>CMD10024</Code>
    <CapacityPointEicCode>21Z000000000249Hx</CapacityPointEicCode>
    <CapacityPointName>Drávaszerdahely</CapacityPointName>
    <ExitTsoEic>39XTEST-TSO-01-L</ExitTsoEic>
    <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
    <NominationIdExitTSO xsi:nil="true"/>
    <ContractIdExitTSO>TSOTEST_RHSZ-
00001/D/2020/DAY/00001</ContractIdExitTSO>
    <TransferTypeExitTSO xsi:nil="true"/>
    <EntryTsoEic>21X-HU-A-A0A0A-8</EntryTsoEic>
    <ProductQualityEntryTSO>FIRM</ProductQualityEntryTSO>
    <NominationIdEntryTSO xsi:nil="true"/>
    <ContractIdEntryTSO>TSO_RHSZ-00005/D/2020/DAY/00005</ContractIdEntryTSO>
    <TransferTypeEntryTSO xsi:nil="true"/>
    <ConcernedTsoEic xsi:nil="true"/>
    <CapacityType>Bundled</CapacityType>
    <GasFlow>Physical</GasFlow>
    <Unit>KW2</Unit>
    <StartDate>2020-07-19T18:00:00</StartDate>
    <StartGasDay>2020.07.19.</StartGasDay>
    <StartGashour>15</StartGashour>
    <EndDate>2020-07-20T04:00:00</EndDate>
    <EndGasday>2020.07.19.</EndGasday>
    <EndGasHour>24</EndGasHour>
    <Quantity>10</Quantity>
    <Price>1.000000000000</Price>
    <Currency>HRK</Currency>
    <Status>ApprovalNeeded</Status>
    <SellerNetworkUserEic>39XTEST-NU-001-F</SellerNetworkUserEic>
    <SellerNetworkUserName>Seller partner name</SellerNetworkUserName>
    <SellerBalancingGroupExitTSO>Balancing1234</SellerBalancingGroupExitTSO>
    <SellerBalancingGroupEntryTSO xsi:nil="true"/>
    <PartnerNetworkUserEic>39XTEST-NU-002-C</PartnerNetworkUserEic>

```

```

    <PartnerNetworkUserName>Buyer partner name</PartnerNetworkUserName>

    <PartnerBalancingGroupExitTSO>Balancing4567</PartnerBalancingGroupExitTSO>

    <PartnerBalancingGroupEntryTSO xsi:nil="true"/>

    </CapacityMarketDeal>

  </CapacityMarketDeals>

</return>

</GetCapacityMarketDealsResponseV2>

</s:Body>
</s:Envelope>

```

### 3.2.1 Query Capacity market deals (GetCapacityMarketDealsV3)

Service provided for TSOs.

#### 3.2.1.1 Description

Version 3 of query capacity market deals service, this chapter only describes the differences compared to GetCapacityMarketDealsV2.

#### 3.2.1.2 Response message

##### 3.2.1.2.1 Structure

XML Tag	Type	Description
Price	Decimal(28,12)	Price the transferee pays to the transferor
PricePaidToTSO	Decimal(28,12)	Price paid to TSO (Underlying Price) in case of assignment deal
TotalPrice	Decimal(28,12)	Total price: Price + PricePaidToTSO

##### 3.2.1.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCapacityMarketDealsResponseV3 xmlns="http://rbp.hu">
      <return>
        <CapacityMarketDeals>
          <CapacityMarketDeal>
            <Id>10020</Id>
            <Code>CMD10020</Code>
            <CapacityPointEicCode>21Z00000000000358C</CapacityPointEicCode>
            <CapacityPointName>Balassagyarmat</CapacityPointName>
            <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
            <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
            <NominationIdExitTSO xsi:nil="true"/>
            <ContractIdExitTSO>TSO_RHSZ-00001/D/2020/DAY/00001</ContractIdExitTSO>
            <TransferTypeExitTSO>Assignment</TransferTypeExitTSO>
            <EntryTsoEic xsi:nil="true"/>
            <ProductQualityEntryTSO xsi:nil="true"/>
            <NominationIdEntryTSO xsi:nil="true"/>
            <ContractIdEntryTSO xsi:nil="true"/>
            <TransferTypeEntryTSO xsi:nil="true"/>
            <ConcernedTsoEic xsi:nil="true"/>
            <CapacityType>Unbundled</CapacityType>
            <GasFlow>Physical</GasFlow>
            <Unit>KW1</Unit>
            <StartGasDay>2020.07.19.</StartGasDay>
          </CapacityMarketDeal>
        </CapacityMarketDeals>
      </return>
    </GetCapacityMarketDealsResponseV3>
  </s:Body>
</s:Envelope>

```

```

        <StartGashour>15</StartGashour>
        <StartDate>2020-07-19T18:00:00</StartDate>
        <EndGasday>2020.07.19.</EndGasday>
        <EndGasHour>24</EndGasHour>
        <EndDate>2020-07-20T04:00:00</EndDate>
        <Quantity>500</Quantity>
        <Price>10.000000000000</Price>
        <Currency>EUR</Currency>
        <Status>ApprovalNeeded</Status>
        <SellerNetworkUserEic>39XTEST-NU-001-F</SellerNetworkUserEic>
        <SellerNetworkUserName>Seller partner name</SellerNetworkUserName>
        <SellerBalancingGroupExitTSO>Balancing5724</SellerBalancingGroupExitTSO>
        <SellerBalancingGroupEntryTSO xsi:nil="true"/>
        <PartnerNetworkUserEic>39XTEST-NU-002-C</PartnerNetworkUserEic>
        <PartnerNetworkUserName>Partner name</PartnerNetworkUserName>

    <PartnerBalancingGroupExitTSO>Balancing5724</PartnerBalancingGroupExitTSO>
        <PartnerBalancingGroupEntryTSO xsi:nil="true"/>
        <PricePaidToTSO>20.000000000000</PricePaidToTSO>
        <TotalPrice>30.000000000000</TotalPrice>
    </CapacityMarketDeal>
  </CapacityMarketDeals>
</return>
</GetCapacityMarketDealsResponseV3>
</s:Body>
</s:Envelope>

```

3.2.2 Query Capacity market deals by time period (GetCapacityMarketDealsByTimePeriodV2)  
Service provided for TSOs and Network Users.

### 3.2.2.1 Description

Version 2 of GetCapacityMarketDealsByTimePeriod service. The NU or the TSO can query their coupled capacity market deals by a UTC interval of the Product period.

### 3.2.2.2 Request message

The request message contains a UTC interval of the Product period.

#### 3.2.2.2.1 Structure

XML Tag	Type	Description
UtcFrom	Datetime	The Start time of the query interval
UtcTo	Datetime	The End time of the query interval

#### 3.2.2.2.2 Example

```

<?xml version="1.0" encoding="UTF-8" ?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:rbp="http://rbp.hu">
  <soap:Header/>
  <soap:Body>
    <rbp:GetCapacityMarketDealsByTimePeriodRequest>
      <rbp:UtcFrom>2020-04-10T06:00:00Z</rbp:UtcFrom>
      <rbp:UtcTo>2020-04-20T06:00:00Z</rbp:UtcTo>
    </rbp:GetCapacityMarketDealsByTimePeriodRequest>
  </soap:Body>
</soap:Envelope>

```

### 3.2.2.3 Response message

#### 3.2.2.3.1 Structure

XML Tag	Type	Description
Id	Int64	Capacity Market

		transaction Identifier (This field is the identifier of the transaction itself that is generated from the original offer indicated by CapacityMarketOfferId and the associated offer given by RelatedOfferId)
<b>Code</b>	String(10)	The code of the capacity market deal
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in capacity market transaction.
<b>CapacityPointName</b>	String(100)	Name of the network point involved in capacity market transaction
<b>ExitTsoEic</b>	String(16)	EIC code of Exit TSO from view of capacity flow direction involved in an capacity market transaction
<b>ProductQualityExitTSO</b>	String(100)	Capacity quality defined at the Exit TSO. Value set according to the Capacity Quality Code library (Code field).
<b>NominationIdExitTSO</b>	String(16)	Out of the values specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the capacity market transaction .
<b>ContractIdExitTSO</b>	String(100)	ContractId related to the Exit TSO.
<b>TransferTypeExitTSO</b>	String(16)	Transfer type of the capacity involved in the capacity market transaction. Transfer type according to the code library value set. (Code field)
<b>EntryTsoEic</b>	String(16)	EIC code for an Entry TSO from view of the capacity flow direction involved in capacity market transaction
<b>ProductQualityEntryTSO</b>	String(100)	Capacity quality defined at

		the Entry TSO. Value set according to the Capacity Quality Code library (Code field).
<b>NominationIdEntryTSO</b>	String(16)	Out of the values specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the capacity market transaction
<b>ContractIdEntryTSO</b>	String(100)	ContractId related tot he Entry TSO.
<b>TransferTypeEntryTSO</b>	String(16)	Transfer type of the capacity involved in the capacity market transaction. Transfer type according to the code library value set. (Code field)
<b>ConcernedTsoEic</b>	String(16)	EIC code of the concerned TSO for transfer of an unbundled capacity at an interconnection point
<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow</b>	String (100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>Unit</b>	String(200)	Capacity measurement unit Value set in accordance with the auction unit code (EDIGAS code field).
<b>StartGasDay</b>	DateTime	Starting gas day for the capacity period of the original offer
<b>StartGashour</b>	Int32	Starting gas hour of the capacity period of the original offer
<b>StartDate</b>	DateTime	Start of capacity period in the original offer (UTC)
<b>EndGasday</b>	DateTime	Final gas day of the capacity period of the original offer

<b>EndGasHour</b>	Int32	Final gas hour of the capacity period in the original offer
<b>EndDate</b>	DateTime	End of capacity period in the original offer (UTC)
<b>Quantity</b>	Int32	Quantity of capacity in original offer
<b>Price</b>	Decimal(28,12)	Offer price in original offer
<b>Currency</b>	String(3)	The currency of offer price in the original offer
<b>Status</b>	String(100)	Capacity market transaction status
<b>SellerNetworkUserEic</b>	String(16)	EIC code for a seller type offer
<b>SellerNetworkUserName</b>	String(100)	Name of seller type bidder
<b>SellerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Exit TSO.
<b>SellerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the seller Network user at the Entry TSO.
<b>PartnerNetworkUserEic</b>	String(16)	EIC code of the buyer type offer bidder
<b>PartnerNetworkUserName</b>	String(100)	Name of buyer type bidder
<b>PartnerBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the partner Network user at the Exit TSO.
<b>PartnerBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the partner Network user at the Entry TSO.

### 3.2.2.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCapacityMarketDealsResponseV2 xmlns="http://rbp.hu">
      <return>
        <CapacityMarketDeals>
          <CapacityMarketDeal>
            <Id>10020</Id>
          </CapacityMarketDeal>
        </CapacityMarketDeals>
      </return>
    </GetCapacityMarketDealsResponseV2>
  </s:Body>
</s:Envelope>

```



```

<Code>CMD10020</Code>
<CapacityPointEicCode>21Z0000000000358C</CapacityPointEicCode>
<CapacityPointName>Balassagyarmat</CapacityPointName>
<ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
<ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
<NominationIdExitTSO xsi:nil="true"/>
<ContractIdExitTSO>TSO_RHSZ-00001/D/2020/DAY/00001</ContractIdExitTSO>
<TransferTypeExitTSO xsi:nil="true"/>
<EntryTsoEic xsi:nil="true"/>
<ProductQualityEntryTSO xsi:nil="true"/>
<NominationIdEntryTSO xsi:nil="true"/>
<ContractIdEntryTSO xsi:nil="true"/>
<TransferTypeEntryTSO xsi:nil="true"/>
<ConcernedTsoEic xsi:nil="true"/>
<CapacityType>Unbundled</CapacityType>
<GasFlow>Physical</GasFlow>
<Unit>KW1</Unit>
<StartGasDay>2020.04.11.</StartGasDay>
<StartGashour>1</StartGashour>
<StartDate>2020-04-11T5:00:00</StartDate>
<EndGasday>2020.04.19.</EndGasday>
<EndGasHour>24</EndGasHour>
<EndDate>2020-04-19T05:00:00</EndDate>
<Quantity>500</Quantity>
<Price>10.000000000000</Price>
<Currency>EUR</Currency>
<Status>Approved</Status>
<SellerNetworkUserEic>39XTEST-NU-001-F</SellerNetworkUserEic>
<SellerNetworkUserName>Seller partner name</SellerNetworkUserName>
<SellerBalancingGroupExitTSO>Balancing5724</SellerBalancingGroupExitTSO>
<SellerBalancingGroupEntryTSO xsi:nil="true"/>
<PartnerNetworkUserEic>39XTEST-NU-002-C</PartnerNetworkUserEic>
<PartnerNetworkUserName>Partner name</PartnerNetworkUserName>

<PartnerBalancingGroupExitTSO>Balancing5724</PartnerBalancingGroupExitTSO>
<PartnerBalancingGroupEntryTSO xsi:nil="true"/>
</CapacityMarketDeal>

```

```

<CapacityMarketDeal>
  <Id>10024</Id>
  <Code>CMD10024</Code>
  <CapacityPointEicCode>21Z000000000249Hx</CapacityPointEicCode>
  <CapacityPointName>Drávaszerdahely</CapacityPointName>
  <ExitTsoEic>39XTEST-TSO-01-L</ExitTsoEic>
  <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
  <NominationIdExitTSO xsi:nil="true"/>
  <ContractIdExitTSO>TSOTEST_RHSZ-
00001/D/2020/DAY/00001</ContractIdExitTSO>
  <TransferTypeExitTSO xsi:nil="true"/>
  <EntryTsoEic>21X-HU-A-A0A0A-8</EntryTsoEic>
  <ProductQualityEntryTSO>FIRM</ProductQualityEntryTSO>
  <NominationIdEntryTSO xsi:nil="true"/>
  <ContractIdEntryTSO>TSO_RHSZ-00005/D/2020/DAY/00005</ContractIdEntryTSO>
  <TransferTypeEntryTSO xsi:nil="true"/>
  <ConcernedTsoEic xsi:nil="true"/>
  <CapacityType>Bundled</CapacityType>
  <GasFlow>Physical</GasFlow>
  <Unit>KW2</Unit>
  <StartDate>2020-04-12T05:00:00</StartDate>
  <StartGasDay>2020.04.12.</StartGasDay>
  <StartGashour>1</StartGashour>
  <EndDate>2020-04-18T05:00:00</EndDate>
  <EndGasday>2020.04.18.</EndGasday>
  <EndGasHour>24</EndGasHour>
  <Quantity>10</Quantity>
  <Price>1.000000000000</Price>
  <Currency>HRK</Currency>
  <Status>Approved</Status>
  <SellerNetworkUserEic>39XTEST-NU-001-F</SellerNetworkUserEic>
  <SellerNetworkUserName>Seller partner name</SellerNetworkUserName>
  <SellerBalancingGroupExitTSO>Balancing1234</SellerBalancingGroupExitTSO>
  <SellerBalancingGroupEntryTSO xsi:nil="true"/>
  <PartnerNetworkUserEic>39XTEST-NU-002-C</PartnerNetworkUserEic>
  <PartnerNetworkUserName>Buyer partner name</PartnerNetworkUserName>

```

```

<PartnerBalancingGroupExitTSO>Balancing4567</PartnerBalancingGroupExitTSO>

    <PartnerBalancingGroupEntryTSO xsi:nil="true"/>

    </CapacityMarketDeal>

  </CapacityMarketDeals>

</return>

</GetCapacityMarketDealsResponseV2>

</s:Body>

</s:Envelope>

```

### 3.2.3 Query Capacity market deals by time period (GetCapacityMarketDealsByTimePeriodV3) Service provided for TSOs and Network Users.

#### 3.2.3.1 Description

Version 3 of query capacity market deals service, this chapter only describes the differences compared to GetCapacityMarketDealsByTimePeriodV2.

#### 3.2.3.2 Response message

##### 3.2.3.2.1 Structure

XML Tag	Type	Description
<b>Price</b>	Decimal(28,12)	Price the transferee pays to the transferor
<b>PricePaidToTSO</b>	Decimal(28,12)	Price paid to TSO (Underlying Price) in case of assignment deal
<b>TotalPrice</b>	Decimal(28,12)	Total price: Price + PricePaidToTSO

##### 3.2.3.2.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCapacityMarketDealsResponseV3 xmlns="http://rbp.hu">
      <return>
        <CapacityMarketDeals>
          <CapacityMarketDeal>
            <Id>10020</Id>
            <Code>CMD10020</Code>
            <CapacityPointEicCode>21Z00000000000358C</CapacityPointEicCode>
            <CapacityPointName>Balassagyarmat</CapacityPointName>
            <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
            <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
            <NominationIdExitTSO xsi:nil="true"/>
            <ContractIdExitTSO>TSO_RHSZ-00001/D/2020/DAY/00001</ContractIdExitTSO>
            <TransferTypeExitTSO>Assignment</TransferTypeExitTSO>
            <EntryTsoEic xsi:nil="true"/>
            <ProductQualityEntryTSO xsi:nil="true"/>
            <NominationIdEntryTSO xsi:nil="true"/>
            <ContractIdEntryTSO xsi:nil="true"/>
            <TransferTypeEntryTSO xsi:nil="true"/>
            <ConcernedTsoEic xsi:nil="true"/>
            <CapacityType>Unbundled</CapacityType>
            <GasFlow>Physical</GasFlow>
            <Unit>KW1</Unit>
            <StartGasDay>2020.07.19.</StartGasDay>
            <StartGashour>15</StartGashour>
            <StartDate>2020-07-19T18:00:00</StartDate>

```

```

<EndGasday>2020.07.19.</EndGasday>
<EndGasHour>24</EndGasHour>
<EndDate>2020-07-20T04:00:00</EndDate>
<Quantity>500</Quantity>
<Price>10.000000000000</Price>
<Currency>EUR</Currency>
<Status>ApprovalNeeded</Status>
<SellerNetworkUserEic>39XTEST-NU-001-F</SellerNetworkUserEic>
<SellerNetworkUserName>Seller partner name</SellerNetworkUserName>
<SellerBalancingGroupExitTSO>Balancing5724</SellerBalancingGroupExitTSO>
<SellerBalancingGroupEntryTSO xsi:nil="true" />
<PartnerNetworkUserEic>39XTEST-NU-002-C</PartnerNetworkUserEic>
<PartnerNetworkUserName>Partner name</PartnerNetworkUserName>

<PartnerBalancingGroupExitTSO>Balancing5724</PartnerBalancingGroupExitTSO>
  <PartnerBalancingGroupEntryTSO xsi:nil="true" />
  <PricePaidToTSO>20.000000000000</PricePaidToTSO>
  <TotalPrice>30.000000000000</TotalPrice>
</CapacityMarketDeal>
</CapacityMarketDeals>
</return>
</GetCapacityMarketDealsResponseV3>
</s:Body>
</s:Envelope>

```

### 3.2.4 Approval of Capacity market transaction (ApproveCapacityMarketOffer)

Service provided for TSOs and Operators.

#### 3.2.4.1 Description

TSOs with the appropriate rights may approve the capacity market offerings in which they are involved and that are in progress. Operators with the appropriate rights may approve the storage and LNG secondary market deals in which they are involved and that are in progress.

#### 3.2.4.2 Request message

The request message contains a capacity market offer pair identifier.

##### 3.2.4.2.1 Structure

XML Tag	Type	Description
Id	Int64	Capacity market transaction identifier.

##### 3.2.4.2.2 Example

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:ApproveCapacityMarketOfferRequest>
      <rbp:Id>10078</rbp:Id>
    </rbp:ApproveCapacityMarketOfferRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

#### 3.2.4.3 Response message

The response message is empty when creating is successful or possible error codes are included.

### 3.2.4.3.1 Structure

XML Tag	Type	Description
<b>ApproveCapacityMarketOfferResponse</b>		Wrapper tag

### 3.2.4.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <ApproveCapacityMarketOfferResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.2.4.4 Error codes

Errorcode	ErrorMessage
<b>BD0006</b>	The current TSO does not belong to the transaction.
<b>BD0007</b>	The current TSO has already approved the transaction.
<b>CM0031</b>	This operation cannot be performed because the transaction is not in the correct status.
<b>CM0032</b>	The given capacity market offer deal does not exist! ({0} - {1})

## 3.2.5 Reject Capacity market deal (RejectCapacityMarketOffer) Service provided for TSOs and Operators.

### 3.2.5.1 Description

TSOs with the right privilege may reject the capacity market offerings in which they are involved and that are in progress. Operators with the appropriate rights may reject the storage and LNG secondary market deals in which they are involved and that are in progress.

### 3.2.5.2 Request message

The request message contains a capacity market offer pair identifier.

#### 3.2.5.2.1 Structure

XML Tag	Type	Description
<b>Id</b>	Int64	Capacity market offer pair identifier.

#### 3.2.5.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:RejectCapacityMarketOfferRequest>
      <rbp:Id>10078</rbp:Id>
    </rbp:RejectCapacityMarketOfferRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.2.5.3 Response message

The response message is empty when creating is successful or possible error codes are included.

#### 3.2.5.3.1 Structure

XML Tag	Type	Description
<b>RejectCapacityMarketOfferResponse</b>		Wrapper tag

#### 3.2.5.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <RejectCapacityMarketOfferResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.2.5.4 Error codes

Errorcode	ErrorMessage
<b>BD0006</b>	The current TSO does not belong to the transaction.
<b>BD0007</b>	The current TSO has already approved the transaction.
<b>CM0031</b>	This operation cannot be performed because the transaction is not in the correct status.
<b>CM0032</b>	The given capacity market offer deal does not exist! ({0} - {1})

3.2.6 Query Storage and LNG secondary market deals (GetStorageLngSecondaryMarketDeals)  
Service provided for Operators.

#### 3.2.6.1 Description

Operators may query those storage market transactions on that they have an approval task, ie. the status of the deal to do:

**ApprovalNeeded:** The Operator must check whether the Network User has the capacity available. (if no auto approval is set).

Or the deal has already come to an end status, but it still can be subject to an administrative task in the associated systems.

**Cancelled:** transaction Status Deleted.

**Rejected:** Status of the transaction refused.

**Coupled:** The status of the transaction is matched.

Transactions will be transferred over Webservice until the period of use of the product has begun.

### 3.2.6.2 Request message

The request message does not have an input parameter.

#### 3.2.6.2.1 Structure

XML Tag	Type	Description
<b>GetStorageLngSecondaryMarketDeals</b>		Wrapper tag

#### 3.2.6.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:GetStorageLngSecondaryMarketDeals>
      <rbp:GetStorageLngSecondaryMarketDeals/>
    </rbp:GetStorageLngSecondaryMarketDealsRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.2.6.3 Response message

The response message retrieves the transactions if filed that are subject to Operator's task or possible error codes are included.

#### 3.2.6.3.1 Structure

XML Tag	Type	Description
<b>Id</b>	Int64	Storage or LNG secondary market deal Identifier
<b>Code</b>	String(10)	The code of the deal
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point
<b>CapacityPointName</b>	String(100)	Name of the network point
<b>OperatorEic</b>	String(16)	EIC code of Operator
<b>OperatorName</b>	String(100)	Name of Operator
<b>ProductQuality</b>	String(100)	Capacity quality Value set according to the Capacity Quality Code library (Code field).
<b>ContractId</b>	String(100)	ContractId related to the Operator.
<b>TransferType</b>	String(16)	Transfer type of the capacity. Transfer type according to the code library value set. (Code field)
<b>Unit</b>	String(200)	Capacity measurement unit Value set in accordance

		with the auction unit code (EDIGAS code field).
<b>StartGasDay</b>	DateTime	Starting gas day for the capacity period
<b>StartGashour</b>	Int32	Starting gas hour of the capacity period
<b>StartTimeUTC</b>	DateTime	Start of capacity period (UTC)
<b>EndGasday</b>	DateTime	Final gas day of the capacity period
<b>EndGasHour</b>	Int32	Final gas hour of the capacity period
<b>EndTimeUTC</b>	DateTime	End of capacity period (UTC)
<b>Quantity</b>	Int32	Quantity of capacity
<b>Price</b>	Decimal(28,12)	Offer price
<b>Currency</b>	String(3)	The currency of offer price
<b>Status</b>	String(100)	Deal status
<b>SellerNetworkUserEic</b>	String(16)	EIC code for a seller type offer
<b>SellerNetworkUserName</b>	String(100)	Name of seller type bidder
<b>BuyerNetworkUserEic</b>	String(16)	EIC code of the buyer type offer bidder
<b>BuyerNetworkUserName</b>	String(100)	Name of buyer type bidder
<b>Type</b>	String	„Storage” or „LNG”
<b>DealType</b>	String	„BulletinBoard” or „OTC”
<b>IsAnonym</b>	String	„true” or „false”
<b>ProductType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>ApprovalTimeUTC</b>	DateTime	Time of approval (UTC)
<b>LngProductType</b>	String	„Regasification”, „UnloadingSlot”, „LngStorage”
<b>StorageProductType</b>	String	„Injection”, „Integrated”, „Withdrawal”, „WorkingVolume”
<b>WorkingVolumeZ01</b>	Int32	Working Volume (Z01)
<b>WorkingVolumeMeasureUnit</b>	String(100)	Working volume measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>InjectionQuantityZ02</b>	Int32	Injection quantity (Z02)
<b>InjectionMeasureUnit</b>	String(100)	Injection capacity measuring unit



		Value set in accordance with the auction unit code library (EDIGAS code field).
<b>InjectionStartTime</b>	DateTime	Injection interval start date
<b>InjectionEndTime</b>	DateTime	Injection interval end date
<b>WithdrawalQuantityZ03</b>	Int32	Withdrawal quantity (Z03)
<b>WithdrawalMeasureUnit</b>	String(100)	Withdrawal capacity measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>WithdrawalStartTime</b>	DateTime	Withdrawal interval start date
<b>WithdrawalEndTime</b>	DateTime	Withdrawal interval end date

### 3.2.6.3.2 Example

```

<?xml version="1.0" encoding="utf-8"?>
<s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/GetStorageLngSecondaryMarketDeals</a:Action
  >
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetStorageLngSecondaryMarketDealsResponse xmlns="http://rbp.hu">
      <return>
        <StorageLngSecondaryMarketDeals>
          <StorageLngSecondaryMarketDeal>
            <Id>46</Id>
            <Code>CMD00046</Code>
            <Type>Storage</Type>
            <Status>ApprovalNeeded</Status>
            <DealType>OTC</DealType>
            <IsAnonym>false</IsAnonym>
            <BuyerNetworkUserEic>TESZTEIC0000002G</BuyerNetworkUserEic>
            <BuyerNetworkUserName>Test NetworkUser</BuyerNetworkUserName>
            <SellerNetworkUserEic>29XTESTLETREHOZK</SellerNetworkUserEic>
            <SellerNetworkUserName>Test Seller</SellerNetworkUserName>
            <ProductType>MONTHLY</ProductType>
            <ProductQuality>FIRM</ProductQuality>
            <ContractId>TEST/2023</ContractId>
            <TransferType>TransferOfUse</TransferType>
            <ApprovalTimeUTC>0001-01-01T00:00:00</ApprovalTimeUTC>
            <StartGasDay>2023.05.30.</StartGasDay>
            <StartGashour>1</StartGashour>
            <StartTimeUTC>2023-05-30T04:00:00</StartTimeUTC>
            <EndGasday>2023.05.31.</EndGasday>
            <EndGasHour>24</EndGasHour>
            <EndTimeUTC>2023-06-01T04:00:00</EndTimeUTC>
            <CapacityPointEicCode>21WUGSTESTPOINT4</CapacityPointEicCode>
          </StorageLngSecondaryMarketDeal>
        </StorageLngSecondaryMarketDeals>
      </return>
    </GetStorageLngSecondaryMarketDealsResponse>
  </s:Body>
</s:Envelope>

```

```

<CapacityPointName>Teszt Tároló</CapacityPointName>
<OperatorEIC>21X-HU-A-A0A0A-8</OperatorEIC>
<OperatorName>FGSZ.TSO</OperatorName>
<Unit>BDL</Unit>
<Quantity>1500</Quantity>
<Price>2000.000000000000</Price>
<Currency>EUR</Currency>
<StorageProductType>Integrated</StorageProductType>
<WorkingVolumeZ01>1700</WorkingVolumeZ01>
<WorkingVolumeMeasureUnit>KW2</WorkingVolumeMeasureUnit>
<InjectionQuantityZ02>1800</InjectionQuantityZ02>
<InjectionMeasureUnit>KW2</InjectionMeasureUnit>
<InjectionStartTime>2023-05-30T00:00:00</InjectionStartTime>
<InjectionEndTime>2023-05-31T00:00:00</InjectionEndTime>
<WithdrawalQuantityZ03>1900</WithdrawalQuantityZ03>
<WithdrawalMeasureUnit>KW2</WithdrawalMeasureUnit>
<WithdrawalStartTime>2023-05-31T00:00:00</WithdrawalStartTime>
<WithdrawalEndTime>2023-06-01T00:00:00</WithdrawalEndTime>
<Comment>Comment...</Comment>
</StorageLngSecondaryMarketDeal>
<StorageLngSecondaryMarketDeal>
  <Id>47</Id>
  <Code>CMD00047</Code>
  <Type>LNG</Type>
  <Status>ApprovalNeeded</Status>
  <DealType>BulletinBoard</DealType>
  <IsAnonym>true</IsAnonym>
  <BuyerNetworkUserEic>TESZTEIC0000002G</BuyerNetworkUserEic>
  <BuyerNetworkUserName>Test NetworkUser</BuyerNetworkUserName>
  <SellerNetworkUserEic>29XTESTLETREHOZK</SellerNetworkUserEic>
  <SellerNetworkUserName>Test Seller</SellerNetworkUserName>
  <ProductType>STRIP</ProductType>
  <ProductQuality>FIRM</ProductQuality>
  <ContractId>123456</ContractId>
  <TransferType>Assignment</TransferType>
  <ApprovalTimeUTC>0001-01-01T00:00:00</ApprovalTimeUTC>
  <StartGasDay>2023.05.30.</StartGasDay>
  <StartGashour>1</StartGashour>
  <StartTimeUTC>2023-05-30T04:00:00</StartTimeUTC>
  <EndGasday>2023.05.31.</EndGasday>
  <EndGasHour>24</EndGasHour>
  <EndTimeUTC>2023-06-01T04:00:00</EndTimeUTC>
  <CapacityPointEicCode>39W787878787878T</CapacityPointEicCode>
  <CapacityPointName>Teszt FGSZ LNG</CapacityPointName>
  <OperatorEIC>21X-HU-A-A0A0A-8</OperatorEIC>
  <OperatorName>FGSZ.TSO</OperatorName>
  <Unit>LNG</Unit>
  <Quantity>1900</Quantity>
  <Price>1500.000000000000</Price>
  <Currency>EUR</Currency>
  <LngProductType>Regasification</LngProductType>
</StorageLngSecondaryMarketDeal>
</StorageLngSecondaryMarketDeals>
</return>
</GetStorageLngSecondaryMarketDealsResponse>
</s:Body>
</s:Envelope>

```

### 3.2.7 Query storage and LNG secondary market deals by time period (GetStorageLngSecondaryMarketDealsByTimePeriod)

Service provided for Operators and Network Users.

#### 3.2.7.1 Description

The NU or the Operator can query their coupled storage and LNG secondary market deals by a UTC interval of the Product period.

#### 3.2.7.2 Request message

The request message contains a UTC interval of the Product period.

##### 3.2.7.2.1 Structure

XML Tag	Type	Description
<b>UtcFrom</b>	Datetime	The Start time of the query interval
<b>UtcTo</b>	Datetime	The End time of the query interval

##### 3.2.7.2.2 Example

```
<s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/GetStorageLngSecondaryMarketDealsByTimePeriod</a:Action>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetStorageLngSecondaryMarketDealsByTimePeriodRequest xmlns="http://rbp.hu">
      <UtcFrom>2023.01.02</UtcFrom>
      <UtcTo>2023.05.30</UtcTo>
    </GetStorageLngSecondaryMarketDealsByTimePeriodRequest>
  </s:Body>
</s:Envelope>
```

#### 3.2.7.3 Response message

##### 3.2.7.3.1 Structure

XML Tag	Type	Description
<b>Id</b>	Int64	Storage or LNG secondary market deal Identifier
<b>Code</b>	String(10)	The code of the deal
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point
<b>CapacityPointName</b>	String(100)	Name of the network point
<b>OperatorEic</b>	String(16)	EIC code of Operator
<b>OperatorName</b>	String(100)	Name of Operator
<b>ProductQuality</b>	String(100)	Capacity quality Value set according to the Capacity Quality Code library (Code field).

<b>ContractId</b>	String(100)	ContractId related to the Operator.
<b>TransferType</b>	String(16)	Transfer type of the capacity. Transfer type according to the code library value set. (Code field)
<b>Unit</b>	String(200)	Capacity measurement unit Value set in accordance with the auction unit code (EDIGAS code field).
<b>StartGasDay</b>	DateTime	Starting gas day for the capacity period
<b>StartGashour</b>	Int32	Starting gas hour of the capacity period
<b>StartTimeUTC</b>	DateTime	Start of capacity period (UTC)
<b>EndGasday</b>	DateTime	Final gas day of the capacity period
<b>EndGasHour</b>	Int32	Final gas hour of the capacity period
<b>EndTimeUTC</b>	DateTime	End of capacity period (UTC)
<b>Quantity</b>	Int32	Quantity of capacity
<b>Price</b>	Decimal(28,12)	Offer price
<b>Currency</b>	String(3)	The currency of offer price
<b>Status</b>	String(100)	Deal status
<b>SellerNetworkUserEic</b>	String(16)	EIC code for a seller type offer
<b>SellerNetworkUserName</b>	String(100)	Name of seller type bidder
<b>BuyerNetworkUserEic</b>	String(16)	EIC code of the buyer type offer bidder
<b>BuyerNetworkUserName</b>	String(100)	Name of buyer type bidder
<b>Type</b>	String	„Storage” or „LNG”
<b>DealType</b>	String	„BulletinBoard” or „OTC”
<b>IsAnonym</b>	String	„true” or „false”
<b>ProductType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>ApprovalTimeUTC</b>	DateTime	Time of approval (UTC)
<b>LngProductType</b>	String	„Regasification”, „UnloadingSlot”, „LngStorage”
<b>StorageProductType</b>	String	„Injection”, „Integrated”, „Withdrawal”,

		„WorkingVolume“
<b>WorkingVolumeZ01</b>	Int32	Working Volume (Z01)
	String(100)	Working volume measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>WorkingVolumeMeasureUnit</b>		
<b>InjectionQuantityZ02</b>	Int32	Injection quantity (Z02)
	String(100)	Injection capacity measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>InjectionMeasureUnit</b>		
<b>InjectionStartTime</b>	DateTime	Injection interval start date
<b>InjectionEndTime</b>	DateTime	Injection interval end date
<b>WithdrawalQuantityZ03</b>	Int32	Withdrawal quantity (Z03)
	String(100)	Withdrawal capacity measuring unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>WithdrawalMeasureUnit</b>		
<b>WithdrawalStartTime</b>	DateTime	Withdrawal interval start date
<b>WithdrawalEndTime</b>	DateTime	Withdrawal interval end date

### 3.2.7.3.2 Example

```

<?xml version="1.0" encoding="utf-8"?>
<s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/GetStorageLngSecondaryMarketDealsByTimePeriod</a:Action>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetStorageLngSecondaryMarketDealsResponse xmlns="http://rbp.hu">
      <return>
        <StorageLngSecondaryMarketDeals>
          <StorageLngSecondaryMarketDeal>
            <Id>41</Id>
            <Code>CMD00041</Code>
            <Type>Storage</Type>
            <Status>Approved</Status>
            <DealType>OTC</DealType>
            <IsAnonym>false</IsAnonym>
            <BuyerNetworkUserEic>TESZTEIC0000002G</BuyerNetworkUserEic>
            <BuyerNetworkUserName>Test NetworkUser</BuyerNetworkUserName>
            <SellerNetworkUserEic>29XTESTLETREHOZK</SellerNetworkUserEic>
          </StorageLngSecondaryMarketDeal>
        </StorageLngSecondaryMarketDeals>
      </return>
    </GetStorageLngSecondaryMarketDealsResponse>
  </s:Body>
</s:Envelope>

```

<SellerNetworkUserName>Test Seller</SellerNetworkUserName>  
 <ProductType>QUARTERLY</ProductType>  
 <ProductQuality>FIRM</ProductQuality>  
 <ContractId>123</ContractId>  
 <TransferType>TransferOfUse</TransferType>  
 <ApprovalTimeUTC>2023-04-13T07:33:41.937</ApprovalTimeUTC>  
 <StartGasDay>2023.04.30.</StartGasDay>  
 <StartGashour>1</StartGashour>  
 <StartTimeUTC>2023-04-30T04:00:00</StartTimeUTC>  
 <EndGasday>2023.05.03.</EndGasday>  
 <EndGasHour>24</EndGasHour>  
 <EndTimeUTC>2023-05-04T04:00:00</EndTimeUTC>  
 <CapacityPointEicCode>21WUGSTESTPOINT4</CapacityPointEicCode>  
 <CapacityPointName>Teszt Tároló</CapacityPointName>  
 <OperatorEIC>21X-HU-A-A0A0A-8</OperatorEIC>  
 <OperatorName>FGSZ.TSO</OperatorName>  
 <Unit>KW1</Unit>  
 <Quantity>850</Quantity>  
 <Price>10.223000000000</Price>  
 <Currency>EUR</Currency>  
 <StorageProductType>Integrated</StorageProductType>  
 <WorkingVolumeZ01>100</WorkingVolumeZ01>  
 <WorkingVolumeMeasureUnit>KW1</WorkingVolumeMeasureUnit>  
 <InjectionQuantityZ02>101</InjectionQuantityZ02>  
 <InjectionMeasureUnit>KW1</InjectionMeasureUnit>  
 <InjectionStartTime>2023-04-19T00:00:00</InjectionStartTime>  
 <InjectionEndTime>2023-04-21T00:00:00</InjectionEndTime>  
 <WithdrawalQuantityZ03>102</WithdrawalQuantityZ03>  
 <WithdrawalMeasureUnit>KW1</WithdrawalMeasureUnit>  
 <WithdrawalStartTime>2023-04-24T00:00:00</WithdrawalStartTime>  
 <WithdrawalEndTime>2023-04-25T00:00:00</WithdrawalEndTime>  
 </StorageLngSecondaryMarketDeal>  
 <StorageLngSecondaryMarketDeal>  
 <Id>44</Id>  
 <Code>CMD00044</Code>  
 <Type>LNG</Type>  
 <Status>Approved</Status>  
 <DealType>OTC</DealType>  
 <IsAnonym>false</IsAnonym>  
 <BuyerNetworkUserEic>29XTESTLETREHOZK</BuyerNetworkUserEic>  
 <BuyerNetworkUserName>Test Seller</BuyerNetworkUserName>  
 <SellerNetworkUserEic>TESZTEIC0000002G</SellerNetworkUserEic>  
 <SellerNetworkUserName>Test NetworkUser</SellerNetworkUserName>  
 <ProductType>MONTHLY</ProductType>  
 <ProductQuality>FIRM</ProductQuality>  
 <ContractId>45454</ContractId>  
 <TransferType>Assignment</TransferType>  
 <ApprovalTimeUTC>2023-04-14T08:47:04.41</ApprovalTimeUTC>  
 <StartGasDay>2023.04.26.</StartGasDay>  
 <StartGashour>1</StartGashour>  
 <StartTimeUTC>2023-04-26T04:00:00</StartTimeUTC>  
 <EndGasday>2023.04.27.</EndGasday>  
 <EndGasHour>24</EndGasHour>  
 <EndTimeUTC>2023-04-28T04:00:00</EndTimeUTC>  
 <CapacityPointEicCode>39W787878787878T</CapacityPointEicCode>  
 <CapacityPointName>Teszt FGSZ LNG</CapacityPointName>  
 <OperatorEIC>21X-HU-A-A0A0A-8</OperatorEIC>

```

    <OperatorName>FGSZ.TSO</OperatorName>
    <Unit>KW2</Unit>
    <Quantity>15000</Quantity>
    <Price>1500.000000000000</Price>
    <Currency>EUR</Currency>
    <LngProductType>Regasification</LngProductType>
    <Comment>test</Comment>
  </StorageLngSecondaryMarketDeal>
</StorageLngSecondaryMarketDeals>
</return>
</GetStorageLngSecondaryMarketDealsResponse>
</s:Body>
</s:Envelope>

```

### 3.3 Capacity surrender transactions

#### 3.3.1 Business environment

Network Users may surrender parts of their contracted capacity to the TSO for re-sale at any of the network point and for the period selected by them, with the TSO increasing the offered quantity by the quantity provided by the Network User (s) when the respective capacity product is on auction.

Network Users and TSOs can manage their tasks related to capacity surrender transaction via the developed interface connected to their own administration system.

#### 3.3.2 Query Capacity surrender (GetSurrenderedCapacityDeal - Phased out from 2020.05.15) Service provided for TSOs and Network Users.

**Please note that as of 2020.05.15. this service will be phased out.**

##### 3.3.2.1 Description

TSOs and Network Users have the option to query the capacity surrenders in the system.

Calling the feature will retrieve the capacity surrenders with which the TSO has an approval task to do, ie. the transaction status:

**ApprovalNeeded:** The TSO must check whether the Network User has the capacity available. For bundled capacity, both TSOs concerned must check the availability of the capacity.

**CancellationApprovalNeeded:** Surrender Network User has initiated the cancellation of the surrender. The TSO must also approve or reject the cancellation of the surrender. In the case of bundled capacity, both TSOs must approve the cancellation of the surrender in order to be withdrawn.

Or the specific transaction has already come to an end status, but it can still be subject to an administrative task in the related systems:

**Rejected:** TSO/TSOs rejected the availability of the capacity to be surrendered.

**Approved:** Capacity surrender has been approved from side of the TSO/TSOs.

**Cancelled:** The capacity surrender was cancelled or its validity expired.

The transactions will be transferred until the period of use of the respective capacity has begun.

### 3.3.2.2 Request message

The request message does not have an input parameter.

#### 3.3.2.2.1 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:GetSurrenderedCapacityDealRequest>
      <rbp:GetSurrenderedCapacityDeal/>
    </rbp:GetSurrenderedCapacityDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.3.2.3 Response message

The response message retrieves the transactions if filed that are subject to the TSO's task, or belong to the particular Network User, in the event of an error the possible Error codes will be included.

#### 3.3.2.3.1 Structure

XML Tag	Type	Description
<b>CapacityPointEicCode</b>	String(16)	EIC code for the network point involved in the capacity surrender
<b>CapacityPointName</b>	String(100)	Name of the network point involved in the capacity surrender
<b>NominationIdExitTSO</b>	String(16)	Out of the values specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the capacity surrender.
<b>NominationIdEntryTSO</b>	String(16)	Out the values specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the capacity surrender.
<b>ExitTsoEic</b>	String(16)	Exit TSO EIC code for the Exit TSO, from view of the capacity flow direction involved in surrender
<b>EntryTsoEic</b>	String(16)	EIC code of Entry TSO, from view of the capacity flow direction involved in surrender
<b>ConcernedTsoEic</b>	String(16)	EIC code of the Concerned TSO for transfer of unbundled capacity at Interconnection point
<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow&gt;</b>	String(100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>ProductQuality</b>	String(100)	Capacity quality



		Value set according to the Capacity quality code library (Code1 field).
<b>StartGasDay</b>	DateTime	The starting gas day of the capacity period involved in Capacity surrender
<b>EndGasday</b>	DateTime	The end gas day of the capacity period for capacity surrender
<b>StartDate</b>	DateTime	Start of the capacity period for capacity surrender (UTC)
<b>EndDate</b>	DateTime	End of of the capacity period for capacity surrender (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>Status</b>	String(100)	Capacity Surrender Status
<b>Id</b>	Int64	Capacity Surrender Identifier
<b>NetworkUserEic</b>	String(16)	Returning Network User EIC code
<b>ExitTso</b>	String(100)	Name of Exit TSO, from view of the capacity flow direction involved in surrender
<b>EntryTso</b>	String(100)	Name of Entry TSO, from view of the capacity flow direction involved in surrender
<b>ConcernedTso</b>	String(100)	Name of the concerned TSO for the transfer of unbundled capacity at interconnection point
<b>ProductType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>Note</b>	String(400)	Capacity surrender Comment
<b>RefuseComment</b>	String(400)	Refusal reasoning comment
<b>CreationTime</b>	DateTime	Time of Creation of Capacity surrender

### 3.3.2.3.2 Example

```
<?xml version="1.0"?>
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetSurrenderedCapacityDealResponse xmlns="http://rbp.hu">
      <return>
        <SurrenderedCapacityDeals>
          <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
          <CapacityPointName>Csanadpalota 2018-as neve</CapacityPointName>
          <NominationIdExitTSO>21X-HU-A-A0A0A-8</NominationIdExitTSO>
          <NominationIdEntryTSO>39XTEST-TSO-01-L</NominationIdEntryTSO>
          <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
          <EntryTsoEic>39XTEST-TSO-01-L</EntryTsoEic>
          <ConcernedTsoEic>21X-HU-A-A0A0A-8</ConcernedTsoEic>
          <CapacityType>Unbundled</CapacityType>
          <GasFlow>Physical</GasFlow>
          <ProductQuality>FIRM</ProductQuality>
          <StartGasDay xsi:nil="true"/>
          <EndGasday xsi:nil="true"/>
          <StartDate>2019-07-01T04:00:00</StartDate>
          <EndDate>2019-07-28T04:00:00</EndDate>
          <Unit>KW1</Unit>
          <Quantity>10</Quantity>
          <Status>CancellationApprovalNeeded</Status>
          <Id>23</Id>
        </SurrenderedCapacityDeals>
      </return>
    </GetSurrenderedCapacityDealResponse>
  </s:Body>
</s:Envelope>
```

```

    <NetworkUserEic>39XTEST-NU-002-C</NetworkUserEic>
    <ExitTso>FGSZ</ExitTso>
    <EntryTso>Partner TSO</EntryTso>
    <ConcernedTso>FGSZ</ConcernedTso>
    <ProductType>MONTHLY</ProductType>
    <Note>Test note</Note>
    <RefuseComment xsi:nil="true"/>
    <CreationTime>2019-02-28T14:45:26.913</CreationTime>
  </SurrenderedCapacityDeals>
</SurrenderedCapacityDeals>
<CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
<CapacityPointName>Csanadpalota 2018-as neve</CapacityPointName>
<NominationIdExitTSO>21X-HU-A-A0A0A-8</NominationIdExitTSO>
<NominationIdEntryTSO>39XTEST-TSO-01-L</NominationIdEntryTSO>
<ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
<EntryTsoEic>39XTEST-TSO-01-L</EntryTsoEic>
<ConcernedTsoEic>21X-HU-A-A0A0A-8</ConcernedTsoEic>
<CapacityType>Unbundled</CapacityType>
<GasFlow>Physical</GasFlow>
<ProductQuality>FIRM</ProductQuality>
<StartGasDay xsi:nil="true"/>
<EndGasday xsi:nil="true"/>
<StartDate>2019-08-01T04:00:00</StartDate>
<EndDate>2019-08-28T04:00:00</EndDate>
<Unit>KW1</Unit>
<Quantity>10</Quantity>
<Status>ApprovalNeeded</Status>
<Id>24</Id>
<NetworkUserEic>39XTEST-NU-002-C</NetworkUserEic>
<ExitTso>FGSZ</ExitTso>
<EntryTso>Partner TSO</EntryTso>
<ConcernedTso>FGSZ</ConcernedTso>
<ProductType>MONTHLY</ProductType>
<Note>Test note</Note>
<RefuseComment xsi:nil="true"/>
<CreationTime>2019-03-28T14:54:59.157</CreationTime>
</SurrenderedCapacityDeals>
</return>
</GetSurrenderedCapacityDealResponse>
</s:Body>
</s:Envelope>

```

### 3.3.3 Query Capacity surrender (GetSurrenderedCapacityDealV2)

Service provided for TSOs and Network Users.

#### 3.3.3.1 Description

TSOs and Network Users have the option to query the capacity surrenders in the system.

Calling the feature will retrieve the capacity surrenders with which the TSO has an approval task to do, ie. the transaction status:

**ApprovalNeeded:** The TSO must check whether the Network User has the capacity available. For bundled capacity, both TSOs concerned must check the availability of the capacity.

**CancellationApprovalNeeded:** Surrender Network User has initiated the cancellation of the surrender. The TSO must also approve or reject the cancellation of the surrender. In the case of bundled capacity, both TSOs must approve the cancellation of the surrender in order to be withdrawn.

Or the specific transaction has already come to an end status, but it can still be subject to an administrative task in the related systems:

**Rejected:** TSO/TSOs rejected the availability of the capacity to be surrendered.

**Approved:** Capacity surrender has been approved from side of the TSO/TSOs.

**Cancelled:** The capacity surrender was cancelled or its validity expired.

The transactions will be transferred until the period of use of the respective capacity has begun.

### 3.3.3.2 Request message

The request message does not have an input parameter.

#### 3.3.3.2.1 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:GetSurrenderedCapacityDealRequest>
      <rbp:GetSurrenderedCapacityDeal/>
    </rbp:GetSurrenderedCapacityDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.3.3.3 Response message

#### 3.3.3.3.1 Structure

XML Tag	Type	Description
<b>CapacityPointEicCode</b>	String(16)	EIC code for the network point involved in the capacity surrender
<b>CapacityPointName</b>	String(100)	Name of the network point involved in the capacity surrender
<b>NominationIdExitTSO</b>	String(16)	Out of the values specified by the TSO in the Exit role, the Bundled or Unbundled identifier according to the capacity surrender.
<b>NominationIdEntryTSO</b>	String(16)	Out the values specified by the TSO in the Entry role, the Bundled or Unbundled identifier according to the capacity surrender.
<b>ExitTsoEic</b>	String(16)	Exit TSO EIC code for the Exit TSO, from view of the capacity flow direction involved in surrender
<b>ProductQualityExitTSO</b>	String(100)	Capacity quality defined at the Exit TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ContractIdExitTSO</b>	String(100)	ContractId related to the Exit TSO.
<b>EntryTsoEic</b>	String(16)	EIC code of Entry TSO, from view of the capacity flow direction involved in surrender
<b>ProductQualityEntryTSO</b>	String(100)	Capacity quality defined at the Entry TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ContractIdEntryTSO</b>	String(100)	ContractId related tot he Entry TSO.
<b>ConcernedTsoEic</b>	String(16)	EIC code of the Concerned TSO for transfer of unbundled capacity at Interconnection point

<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow</b>	String(100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>StartGasDay</b>	DateTime	The starting gas day of the capacity period involved in Capacity surrender
<b>EndGasday</b>	DateTime	The end gas day of the capacity period for capacity surrender
<b>StartDate</b>	DateTime	Start of the capacity period for capacity surrender (UTC)
<b>EndDate</b>	DateTime	End of of the capacity period for capacity surrender (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>Status</b>	String(100)	Capacity Surrender Status
<b>Id</b>	Int64	Capacity Surrender Identifier
<b>NetworkUserEic</b>	String(16)	Returning Network User EIC code
<b>ExitTso</b>	String(100)	Name of Exit TSO, from view of the capacity flow direction involved in surrender
<b>EntryTso</b>	String(100)	Name of Entry TSO, from view of the capacity flow direction involved in surrender
<b>ConcernedTso</b>	String(100)	Name of the concerned TSO for the transfer of unbundled capacity at interconnection point
<b>ProductType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>Note</b>	String(400)	Capacity surrender Comment
<b>RefuseComment</b>	String(400)	Refusal reasoning comment
<b>CreationTime</b>	DateTime	Time of Creation of Capacity surrender
<b>NetworkUserBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the Network user at the Exit TSO.
<b>NetworkUserBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the Network user at the Entry TSO.

### 3.3.3.3.2 Example

```
<?xml version="1.0"?>
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetSurrenderedCapacityDealResponseV2 xmlns="http://rbp.hu">
      <return>
        <SurrenderedCapacityDeals>
          <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
          <CapacityPointName>Csanadpalo 2018-as neve</CapacityPointName>
```

```

<NominationIdExitTSO>21X-HU-A-A0A0A-8</NominationIdExitTSO>
<NominationIdEntryTSO>39XTEST-TSO-01-L</NominationIdEntryTSO>
<ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
<ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
<ContractIdExitTSO>TSO_RHSZ-00001/D/2020/DAY/00001</ContractIdExitTSO>
<EntryTsoEic>39XTEST-TSO-01-L</EntryTsoEic>
<ProductQualityEntryTSO xsi:nil="true"/>
<ContractIdEntryTSO xsi:nil="true"/>
<ConcernedTsoEic>21X-HU-A-A0A0A-8</ConcernedTsoEic>
<CapacityType>Unbundled</CapacityType>
<GasFlow>Physical</GasFlow>
<StartGasDay xsi:nil="true"/>
<EndGasday xsi:nil="true"/>
<StartDate>2020-07-01T04:00:00</StartDate>
<EndDate>2020-07-28T04:00:00</EndDate>
<Unit>KW1</Unit>
<Quantity>10</Quantity>
<Status>CancellationApprovalNeeded</Status>
<Id>23</Id>
<NetworkUserEic>39XTEST-NU-002-C</NetworkUserEic>
<ExitTso>FGSZ</ExitTso>
<EntryTso>Partner TSO</EntryTso>
<ConcernedTso>FGSZ</ConcernedTso>
<ProductType>MONTHLY</ProductType>
<Note>Test note</Note>
<RefuseComment xsi:nil="true"/>
<CreationTime>2019-02-28T14:45:26.913</CreationTime>

<NetworkUserBalancingGroupExitTSO>Balancing1234</NetworkUserBalancingGroupExitTSO>
  <NetworkUserBalancingGroupEntryTSO xsi:nil="true"/>
  </SurrenderedCapacityDeals>
  <SurrenderedCapacityDeals>
    <CapacityPointEicCode>21Z000000000236Q</CapacityPointEicCode>
    <CapacityPointName>Csanadpalota 2018-as neve</CapacityPointName>
    <NominationIdExitTSO>21X-HU-A-A0A0A-8</NominationIdExitTSO>
    <NominationIdEntryTSO>39XTEST-TSO-01-L</NominationIdEntryTSO>
    <ExitTsoEic>21X-HU-A-A0A0A-8</ExitTsoEic>
    <ProductQualityExitTSO>FIRM</ProductQualityExitTSO>
    <ContractIdExitTSO>TSO_RHSZ-00002/M/2020/MONTHLY/00001</ContractIdExitTSO>
    <EntryTsoEic>39XTEST-TSO-01-L</EntryTsoEic>
    <ProductQualityEntryTSO>FIRM</ProductQualityEntryTSO>

<ContractIdEntryTSO>TestTSO_RHSZ00003/M/2020/MONTHLY/00001</ContractIdEntryTSO>
  <ConcernedTsoEic xsi:nil="true"/>
  <CapacityType>Bundled</CapacityType>
  <GasFlow>Physical</GasFlow>
  <StartGasDay xsi:nil="true"/>
  <EndGasday xsi:nil="true"/>
  <StartDate>2020-09-01T04:00:00</StartDate>
  <EndDate>2020-09-28T04:00:00</EndDate>
  <Unit>KW1</Unit>
  <Quantity>1045</Quantity>
  <Status>ApprovalNeeded</Status>
  <Id>24</Id>
  <NetworkUserEic>39XTEST-NU-002-C</NetworkUserEic>
  <ExitTso>FGSZ</ExitTso>
  <EntryTso>Partner TSO</EntryTso>
  <ConcernedTso xsi:nil="true"/>
  <ProductType>MONTHLY</ProductType>
  <Note>Test note</Note>
  <RefuseComment xsi:nil="true"/>
  <CreationTime>2019-02-28T14:54:59.157</CreationTime>

<NetworkUserBalancingGroupExitTSO>Balancing1234</NetworkUserBalancingGroupExitTSO>
<NetworkUserBalancingGroupEntryTSO>Balancing1234</NetworkUserBalancingGroupEntryTSO>
  </SurrenderedCapacityDeals>
</return>
</GetSurrenderedCapacityDealResponseV2>
</s:Body>
</s:Envelope>

```

### 3.3.4 Approval of Capacity surrender (ApproveSurrenderedCapacityDeal)

Service provided for TSOs.

#### 3.3.4.1 Description

TSOs with the appropriate rights may approve the capacity surrenders in which they are involved and that are in progress.

#### 3.3.4.2 Request message

The request message includes a capacity surrender transaction identifier and optionally, the explanatory for the approval.

##### 3.3.4.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment
<b>Id</b>	Int64	Capacity surrender identifier

##### 3.3.4.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:ApproveSurrenderedCapacityDealRequest>
      <rbp:Comment>Test comment</rbp:Comment>
      <rbp:Id>23</rbp:Id>
    </rbp:ApproveSurrenderedCapacityDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

#### 3.3.4.3 Response message

The response message is empty when filing is successful or possible error codes are included.

##### 3.3.4.3.1 Structure

XML Tag	Type	Description
<b>ApproveSurrenderedCapacityDealResponse</b>		Wrapper tag

##### 3.3.4.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <ApproveSurrenderedCapacityDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

#### 3.3.4.4 Error codes

Errorcode	Errormessage
-----------	--------------

<b>CS0006</b>	The current TSO does not belong to the transaction.
<b>CS0007</b>	The current TSO has already approved the transaction.
<b>CS0015</b>	The task can not be executed because the capacity surrender is not in the correct status!

### 3.3.5 Rejection of Capacity surrender deal (RejectSurrenderedCapacityDeal)

Service provided for TSOs.

#### 3.3.5.1 Description

TSOs with the appropriate rights may reject the capacity surrenders in which they are involved and that are in the process.

#### 3.3.5.2 Request message

In request message, the TSO provides a capacity surrender identifier and a rejection explanatory comment, which is mandatory in the case of rejection.

##### 3.3.5.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment
<b>Id</b>	Int64	Capacity surrender identifier

##### 3.3.5.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:RejectSurrenderedCapacityDealRequest>
      <rbp:Comment>Test comment</rbp:Comment>
      <rbp:Id>23</rbp:Id>
    </rbp:RejectSurrenderedCapacityDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

#### 3.3.5.3 Response message

The response message is empty when filing is successful or possible error codes are included.

##### 3.3.5.3.1 Structure

XML Tag	Type	Description
<b>RejectSurrenderedCapacityDealResponse</b>		Wrapper tag

##### 3.3.5.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <RejectSurrenderedCapacityDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.3.5.4 Error codes

Errorcode	Errormessage
<b>CS0005</b>	The capacity surrender transaction does not exist!
<b>CS0006</b>	The current TSO does not belong to the transaction.
<b>CS0015</b>	The task cannot be executed because the capacity surrender is not in the correct status!

### 3.3.6 Approval of Capacity surrender cancellation (ApproveCancellationSurrenderedCapacityDeal)

Service provided for TSOs.

#### 3.3.6.1 Description

TSOs with the appropriate rights may approve the cancellation of the capacity surrenders.

#### 3.3.6.2 Request message

The request message includes a capacity surrender identifier and optionally an explanatory comment for the approval.

##### 3.3.6.2.1 Structure

XML Tag	Type	Description
<b>Comment</b>	String(400)	Comment
<b>Id</b>	Int64	Capacity surrender identifier

##### 3.3.6.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:ApproveCancellationSurrenderedCapacityDealRequest>
      <rbp:Comment>Test comment</rbp:Comment>
      <rbp:Id>23</rbp:Id>
    </rbp:ApproveCancellationSurrenderedCapacityDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

#### 3.3.6.3 Response message

The response message is empty when filing is successful or possible error codes are included.

##### 3.3.6.3.1 Structure

XML Tag	Type	Description
<b>ApproveCancellationSurrenderedCapacityDealResponse</b>		Wrapper tag
<b>_x003C_Error_x003E_k__BackingField</b>	String(100)	Completed for an error message.



### 3.3.6.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <ApproveCancellationSurrenderedCapacityDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.3.6.4 Error codes

Errorcode	Errormessage
CS0005	The capacity surrender transaction does not exist!
CS0006	The current TSO does not belong to the transaction.
CS0015	The task cannot be executed because the capacity surrender is not in the correct status!

## 3.3.7 Rejection of Capacity surrender cancellation (RejectCancellationSurrenderedCapacityDeal) Service provided for TSOs.

### 3.3.7.1 Description

TSOs with the appropriate rights may refuse the withdrawal of the capacity surrenders.

### 3.3.7.2 Request message

The request message includes a capacity surrender identifier and an optional explanatory comment for the approval.

#### 3.3.7.2.1 Structure

XML Tag	Type	Description
Comment	String(400)	Comment
Id	Int64	Capacity surrender identifier

#### 3.3.7.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:RejectCancellationSurrenderedCapacityDealRequest>
      <rbp:Comment>Test comment</rbp:Comment>
      <rbp:Id>23</rbp:Id>
    </rbp:RejectCancellationSurrenderedCapacityDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.3.7.3 Response message

The response message is empty when filing is successful or possible error codes are included.

### 3.3.7.3.1 Structure

XML Tag	Type	Description
<b>RejectCancellationSurrenderedCapacityDealResponse</b>		Wrapper tag

### 3.3.7.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <RejectCancellationSurrenderedCapacityDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.3.7.4 Error codes

Errorcode	Errormessage
<b>CS0005</b>	The capacity surrender transaction does not exist!
<b>CS0006</b>	The current TSO does not belong to the transaction.
<b>CS0015</b>	The task cannot be executed because the capacity surrender is not in the correct status!

## 3.3.8 Creation of capacity surrender (CreateSurrenderedCapacityDeal) - Phased out from 2020.05.15)

Service provided for Network Users.

**Please note that as of 2020.05.15. this service will be phased out.**

### 3.3.8.1 Description

When submitting the transaction, the offer will be filed in the system following format checks. The fact whether the capacity is available is controlled by the TSOs. If all participants approve the capacity surrender, it will be offered on the surrendered capacity auction.

The creator of the capacity surrender may only be a Network User at the relevant TSO/TSOs with the authority to establish a capacity surrender.

### 3.3.8.2 Request message

The request message contains the data of the capacity surrender to be created.

#### 3.3.8.2.1 Structure

XML Tag	Type	Description
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in capacity surrender
<b>ExitTsoEic</b>	String(16)	EIC code of an Exit TSO from view of the capacity flow direction involved in capacity surrender
<b>EntryTsoEic</b>	String(16)	EIC code of an Entry TSO from view of the capacity flow direction involved in capacity surrender
<b>ConcernedTsoEic</b>	String(16)	EIC of the Concerned TSO for transfer of unbundled capacity at an interconnection point

<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow</b>	String(100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>ProductQuality</b>	String(100)	Capacity quality Value set according to the Capacity quality code library (Code1 field).
<b>StartDate</b>	DateTime	Start of period for capacity involved in capacity surrender (UTC)
<b>EndDate</b>	DateTime	End of period for capacity involved in capacity surrender (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>ProductType</b>	String(100)	Product type Value set according to the Product type code library (Code1 field).
<b>Note</b>	String(400)	Comment

### 3.3.8.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
    xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:SurrenderedCapacityDeal>
      <rbp:SurrenderedCapacityDealRequest>
        <rbp:CapacityPointEicCode>21Z000000000236Q</rbp:CapacityPointEicCode>
        <rbp:ExitTsoEic>21X-HU-A-A0A0A-8</rbp:ExitTsoEic>
        <rbp:EntryTsoEic>39XTEST-TSO-01-L</rbp:EntryTsoEic>
        <rbp:ConcernedTsoEic>21X-HU-A-A0A0A-8</rbp:ConcernedTsoEic>
        <rbp:CapacityType>Unbundled</rbp:CapacityType>
        <rbp:GasFlow>Physical</rbp:GasFlow>
        <rbp:ProductQuality>FIRM</rbp:ProductQuality>
        <rbp:StartDate>2019-07-02T04:00</rbp:StartDate>
        <rbp:EndDate>2019-07-28T04:00</rbp:EndDate>
        <rbp:Unit>KW1</rbp:Unit>
        <rbp:Quantity>10</rbp:Quantity>
        <rbp:ProductType>MONTHLY</rbp:ProductType>
        <rbp>Note>WebService create</rbp>Note>
      </rbp:SurrenderedCapacityDealRequest>
    </rbp:SurrenderedCapacityDeal>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.3.8.3 Response message

The response message is empty when filing is successful or possible error codes are included.

### 3.3.8.3.1 Structure

XML Tag	Type	Description
<b>SurrenderedCapacityDealResponse</b>		Wrapper tag

### 3.3.8.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <SurrenderedCapacityDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.3.8.4 Error codes

Errorcode	ErrorMessage
<b>CS0001</b>	The start of the surrender period must be at least {0} hours later than the current time.
<b>CS0003</b>	The Network User doesn't have permission to create capacity surrender at the TSO {0} !
<b>CS0004</b>	Only a network user may surrender capacity.
<b>CS0010</b>	'{0}' field is required!
<b>CS0011</b>	The {0} field contains invalid value {1} !
<b>CS0012</b>	The given EIC code ({0} {1}) is invalid!
<b>CS0013</b>	The surrender end time cannot be earlier than the surrender start time!
<b>CS0015</b>	The task cannot be executed because the capacity surrender is not in the correct status!
<b>CS0016</b>	The Concerned TSO can only be filled if unbundled capacity is offered at an interconnection point!
<b>KT0023</b>	Either the Exit or the Entry TSO must be provided!
<b>KT0024</b>	Only interconnection network point can be selected!
<b>BD0020</b>	The Exit and the Entry TSO cannot be the same!

## 3.3.9 Creation of capacity surrender (CreateSurrenderedCapacityDealV2)

Service provided for Network Users.

### 3.3.9.1 Description

When submitting the transaction, the offer will be filed in the system following format checks. The fact whether the capacity is available is controlled by the TSOs. If all participants approve the capacity surrender, it will be offered on the surrendered capacity auction.

The creator of the capacity surrender may only be a Network User at the relevant TSO/TSOs with the authority to establish a capacity surrender.

### 3.3.9.2 Request message

The request message contains the data of the capacity surrender to be created.

### 3.3.9.2.1 Structure

XML Tag	Type	Description
<b>CapacityPointEicCode</b>	String(16)	EIC code of the network point involved in capacity surrender
<b>ExitTsoEic</b>	String(16)	EIC code of an Exit TSO from view of the capacity flow direction involved in capacity surrender
<b>ProductQualityExitTSO</b>	String(100)	Capacity quality defined at the Exit TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ContractIdExitTSO</b>	String(100)	ContractId related to the Exit TSO.
<b>EntryTsoEic</b>	String(16)	EIC code of an Entry TSO from view of the capacity flow direction involved in capacity surrender
<b>ProductQualityEntryTSO</b>	String(100)	Capacity quality defined at the Entry TSO. Value set according to the Capacity Quality Code library (Code field).
<b>ContractIdEntryTSO</b>	String(100)	ContractId related to the Entry TSO.
<b>ConcernedTsoEic</b>	String(16)	EIC of the Concerned TSO for transfer of unbundled capacity at an interconnection point
<b>CapacityType</b>	String(100)	Capacity type Value set according to the Capacity type code library (Code field).
<b>GasFlow</b>	String(100)	Trade direction Value set according to Gas flow Code library (Code Field).
<b>StartDate</b>	DateTime	Start of period for capacity involved in capacity surrender (UTC)
<b>EndDate</b>	DateTime	End of period for capacity involved in capacity surrender (UTC)
<b>Unit</b>	String(100)	Capacity measurement unit Value set in accordance with the auction unit code library (EDIGAS code field).
<b>Quantity</b>	Int32	Capacity quantity
<b>ProductType</b>	String(100)	Product type

		Value set according to the Product type code library (Code1 field).
<b>Note</b>	String(400)	Comment
<b>NetworkUserBalancingGroupExitTSO</b>	String(100)	Balancing Group code given by the Network user at the Exit TSO.
<b>NetworkUserBalancingGroupEntryTSO</b>	String(100)	Balancing Group code given by the Network user at the Entry TSO.
<b>GTCAcceptanceIndicator</b>	String(1)	GTC acceptance indicator. Depending on the TSO setting

### 3.3.9.2.2 Example

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:SurrenderedCapacityDealV2>
      <rbp:SurrenderedCapacityDealRequest>
        <rbp:CapacityPointEicCode>21Z000000000236Q</rbp:CapacityPointEicCode>
        <rbp:ExitTsoEic>21X-HU-A-A0A0A-8</rbp:ExitTsoEic>
        <rbp:ProductQualityExitTSO>FIRM</rbp:ProductQualityExitTSO>

<rbp:ContractIdExitTSO>TSO_TESTRHSZ12345/M/2020/JULY/00001</rbp:ContractIdExitTSO>
        <rbp:EntryTsoEic>39XTEST-TSO-01-L</rbp:EntryTsoEic>
        <rbp:ProductQualityEntryTSO>FIRM</rbp:ProductQualityEntryTSO>

<rbp:ContractIdEntryTSO>TESTTSO_RHSZ00001/M/2020/JULY/12345</rbp:ContractIdEntryTSO>
        <rbp:ConcernedTsoEic/>
        <rbp:CapacityType>Bundled</rbp:CapacityType>
        <rbp:GasFlow>Physical</rbp:GasFlow>
        <rbp:StartDate>2020-07-02T04:00</rbp:StartDate>
        <rbp:EndDate>2020-07-28T04:00</rbp:EndDate>
        <rbp:Unit>KW1</rbp:Unit>
        <rbp:Quantity>1045</rbp:Quantity>
        <rbp:ProductType>MONTHLY</rbp:ProductType>
        <rbp:Note>WebService create</rbp:Note>

<rbp:NetworkUserBalancingGroupCodeExit>Balancing013146</rbp:NetworkUserBalancingGroupCodeExit>

<rbp:NetworkUserBalancingGroupCodeEntryTSO>Balancing435435</rbp:NetworkUserBalancingGroupCodeEntryTSO>
        <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
      </rbp:SurrenderedCapacityDealRequest>
    </rbp:SurrenderedCapacityDealV2>
  </soapenv:Body>
</soapenv:Envelope>

```

### 3.3.9.3 Response message

The response message is empty when filing is successful or possible error codes are included.

#### 3.3.9.3.1 Structure

XML Tag	Type	Description
<b>SurrenderedCapacityDealResponse</b>		Wrapper tag

### 3.3.9.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <SurrenderedCapacityDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.3.9.4 Error codes

Errorcode	ErrorMessage
CS0001	The start of the surrender period must be at least {0} hours later than the current time.
CS0003	The Network User doesn't have permission to create capacity surrender at the TSO {0} !
CS0004	Only a network user may surrender capacity.
CS0010	'{0}' field is required!
CS0011	The {0} field contains invalid value {1} !
CS0012	The given EIC code ({0} {1}) is invalid!
CS0013	The surrender end time cannot be earlier than the surrender start time!
CS0015	The task cannot be executed because the capacity surrender is not in the correct status!
CS0016	The Concerned TSO can only be filled if unbundled capacity is offered at an interconnection point!
KT0023	Either the Exit or the Entry TSO must be provided!
KT0024	Only interconnection network point can be selected!
BD0020	The Exit and the Entry TSO cannot be the same!

## 3.3.10 Withdrawal/cancellation of Capacity surrender (CancelSurrenderedCapacityDeal)

Service provided for Network Users.

### 3.3.10.1 Description

Network Users with the appropriate privilege can revoke the capacity surrenders created by themselves.

The specific service can be called on unapproved "ApprovalNeeded" deals.

### 3.3.10.2 Request message

The request message contains a capacity surrender identifier.

#### 3.3.10.2.1 Structure

XML Tag	Type	Description
Id	Int64	Capacity surrender identifier

### 3.3.10.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:CancelSurrenderedCapacityDealRequest>
      <rbp:Id>23</rbp:Id>
    </rbp:CancelSurrenderedCapacityDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.3.10.3 Response message

The response message is empty when filing is successful or possible error codes are included.

#### 3.3.10.3.1 Structure

XML Tag	Type	Description
<b>CancelSurrenderedCapacityDealResponse</b>		Wrapper tag

#### 3.3.10.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <CancelSurrenderedCapacityDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.3.10.4 Error codes

Errorcode	Errormessage
<b>CS0005</b>	The capacity surrender transaction does not exist!
<b>CS0009</b>	The current network user is not the surrendering network user.
<b>CS0015</b>	The task cannot be executed because the capacity surrender is not in the correct status!

## 3.3.11 Withdraw/Cancel Capacity surrender on approved transaction

(CancelApprovedSurrenderedCapacityDeal)

Service provided for Network Users.

### 3.3.11.1 Description

Network Users with the right privilege may cancel the capacity surrenders they have created.

The service can be called on the approved transactions with “Approved” status.

### 3.3.11.2 Request message

The request message contains a capacity surrender identifier.

#### 3.3.11.2.1 Structure

XML Tag	Type	Description
---------	------	-------------



<b>Id</b>	Int64	Capacity surrender identifier
<b>GTCAcceptanceIndicator</b>	String(1)	GTC acceptance indicator. Depending on the TSO setting

### 3.3.11.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu">
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:CancelApprovedSurrenderedCapacityDealRequest>
      <rbp:Id>23</rbp:Id>
      <rbp:GTCAcceptanceIndicator>1</rbp:GTCAcceptanceIndicator>
    </rbp:CancelApprovedSurrenderedCapacityDealRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 3.3.11.3 Response message

The response message is empty when filing is successful or possible error codes are included.

#### 3.3.11.3.1 Structure

XML Tag	Type	Description
<b>CancelApprovedSurrenderedCapacityDealResponse</b>		Wrapper tag

### 3.3.11.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <CancelApprovedSurrenderedCapacityDealResponse xmlns="http://rbp.hu"/>
  </s:Body>
</s:Envelope>
```

### 3.3.11.4 Error codes

Errorcode	Errormessage
<b>CS0005</b>	The capacity surrender transaction does not exist!
<b>CS0009</b>	The current network user is not the surrendering network user.
<b>CS0015</b>	The task cannot be executed because the capacity surrender is not in the correct status!

## 4 Publication

### 4.1 Download Remit Reports (DownloadRemitReport)

Service provided for TSOs and Network Users.

#### 4.1.1 Description

Of the capacity allocation contracts that were created in RBP, the system generates REMIT reports (if

the given network point is registered in the system). In case of a market participant is subscribed to the RBP REMIT report service then it can download these reports through the application's graphical user interface or through web service interface. The market participants can forward their reports to ACER (Agency for the Cooperation of Energy Regulators).

#### 4.1.2 Request message

In its request message, the caller party provides the query time interval.

##### 4.1.2.1 Structure

XML Tag	Type	Description
<b>validityStartInUTC</b>	DateTime	Beginning of the creation time interval of the REMIT reports.
<b>validityEndInUTC</b>	DateTime	End of the creation time interval of the REMIT reports.

##### 4.1.2.2 Example

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:rbp="http://rbp.hu">
  <soap:Header/>
  <soap:Body>
    <rbp:downloadRemitReport>
      <rbp:validityStartInUTC>2018-04-25</rbp:validityStartInUTC>
      <rbp:validityEndInUTC>2018-06-25</rbp:validityEndInUTC>
    </rbp:downloadRemitReport>
  </soap:Body>
</soap:Envelope>
```

#### 4.1.3 Response message

The response message contains the REMIT reports for the requested time interval.

**Please note that if the AvailabilityType is different on the Exit- and Entry side in the secondary capacity market transaction the process\_Transaction.taxonomy.AvailabilityType field will contain only one of those values!**

**In case of primary capacity market transaction the process\_Transaction.taxonomy.AvailabilityType field will contain the AvailabilityType of the TSO whose referred to the process\_Transaction.responsibleTso\_MarketParticipant in the message.**

##### 4.1.3.1 Structure

XML Tag	Type	Description
<b>downloadRemitReportResponse</b>		Wrapper tag
<b>gasCapacityAllocationsDocuments</b>		Wrapper tag
<b>GasCapacityAllocations_Document</b>		Standard document defined by REMIT EDIG@S schema <a href="http://urn:easeegas.eu:edigas:remit:gascapacityallocationsdocument:5:1">urn:easeegas.eu:edigas:remit:gascapacityallocationsdocument:5:1</a>

### 4.1.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
  xmlns:a="http://www.w3.org/2005/08/addressing"
  xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <downloadRemitReportResponse xmlns="http://rbp.hu">
      <gasCapacityAllocationsDocuments>
        <GasCapacityAllocations_Document release="5.1"

xmlns="urn:easeegas.eu:edigas:remit:gascapacityallocationsdocument:5:1">
          <identification>20002669-RBP-21X-HU-A-A0A0A-8</identification>
          <version>1</version>
          <type>ANI</type>
          <creationDateTime>2018-05-29T13:23:03Z</creationDateTime>
          <validityPeriod>2018-05-30T04:00Z/2018-05-31T04:00Z</validityPeriod>
          <contractReference>20002669-RBP</contractReference>
          <contractType>ZSD</contractType>
          <issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</issuer_MarketParticipant.identification>
          <issuer_MarketParticipant.marketRole.code>ZUJ</issuer_MarketParticipant.marketRole.code>
          <receiver_MarketParticipant.identification
codingScheme="305">10X1001B1001B61Q</receiver_MarketParticipant.identification>

          <receiver_MarketParticipant.marketRole.code>ZUA</receiver_MarketParticipant.marketRole.code>
          <organisedMarketPlace_MarketParticipant.identification codingScheme="305">21X-
XXXXXXXXXXXX</organisedMarketPlace_MarketParticipant.identification>
          <offeredCapacity_Quantity.amount>1700</offeredCapacity_Quantity.amount>
          <currency.code>EUR</currency.code>
          <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
          <process_Transaction.identification>20002669</process_Transaction.identification>
          <process_Transaction.type>ZSX</process_Transaction.type>
          <process_Transaction.connectionPoint.identification
codingScheme="305">21Z000000000003C</process_Transaction.connectionPoint.identification>
          <process_Transaction.responsibleTso_MarketParticipant.identification
codingScheme="305">21X-HU-A-A0A0A-8</process_Transaction.responsibleTso_MarketParticipant.identification>
          <process_Transaction.transaction_DateTime.dateTime>2018-05-
29T13:45:00Z</process_Transaction.transaction_DateTime.dateTime>
          <process_Transaction.auctionOpen_DateTime.dateTime>2018-05-
29T13:15:00Z</process_Transaction.auctionOpen_DateTime.dateTime>
          <process_Transaction.auctionEnd_DateTime.dateTime>2018-05-
29T13:45:00Z</process_Transaction.auctionEnd_DateTime.dateTime>
          <process_Transaction.action_Status.code>62G</process_Transaction.action_Status.code>
          <process_Transaction.capacityType.code>ZEP</process_Transaction.capacityType.code>

          <process_Transaction.taxonomy.energyProductType>HC1</process_Transaction.taxonomy.energyProductType>
          <process_Transaction.taxonomy.AvailabilityType>Z06</process_Transaction.taxonomy.AvailabilityType>

          <process_Transaction.secondaryMarket_Procedure.code>A01</process_Transaction.secondaryMarket_Procedure.code>
          <Transportation_Transaction>
            <identification>1658-20002669-RBP-39XTEST-NU-001-F</identification>
            <primary_MarketParticipant.identification codingScheme="305">39XTEST-NU-001-
F</primary_MarketParticipant.identification>
            <Transportation_Period>
              <timeInterval>2018-05-30T04:00Z/2018-05-31T04:00Z</timeInterval>
              <direction.code>Z02</direction.code>
              <contract_Quantity.amount>1700</contract_Quantity.amount>
              <total_Price.amount>0.0384652370420232</total_Price.amount>
              <reserve_Price.amount>0.0192326185210116</reserve_Price.amount>
              <reserve_Price.type>Z07</reserve_Price.type>
              <premium_Price.amount>0.0192326185210116</premium_Price.amount>
            </Transportation_Period>
            <AuctionRound_Characteristic>
              <sequence>1</sequence>
              <Bid>
                <identification>1658</identification>
                <bid_Quantity.amount>1700</bid_Quantity.amount>
                <bid_Price.amount>6.000000000000</bid_Price.amount>
              </Bid>
            </AuctionRound_Characteristic>
          </Transportation_Transaction>
          <Transportation_Transaction>
            <identification>1659-20002669-RBP-39XTEST-NU-002-C</identification>
            <primary_MarketParticipant.identification codingScheme="305">39XTEST-NU-002-
C</primary_MarketParticipant.identification>
            <Transportation_Period>
              <timeInterval>2018-05-30T04:00Z/2018-05-31T04:00Z</timeInterval>
              <direction.code>Z02</direction.code>
              <contract_Quantity.amount>0</contract_Quantity.amount>
              <total_Price.amount>0.0192326185210116</total_Price.amount>
            </Transportation_Period>
          </Transportation_Transaction>
        </GasCapacityAllocations_Document>
      </gasCapacityAllocationsDocuments>
    </downloadRemitReportResponse>
  </s:Body>
</s:Envelope>
```

```

        <reserve_Price.amount>0.0192326185210116</reserve_Price.amount>
        <reserve_Price.type>Z07</reserve_Price.type>
        <premium_Price.amount>0</premium_Price.amount>
    </Transportation_Period>
    <AuctionRound_Characteristic>
        <sequence>1</sequence>
        <Bid>
            <identification>1659</identification>
            <bid_Quantity.amount>1500</bid_Quantity.amount>
            <bid_Price.amount>0.000000000000</bid_Price.amount>
        </Bid>
    </AuctionRound_Characteristic>
</Transportation_Transaction>
</GasCapacityAllocations_Document>
<GasCapacityAllocations_Document release="5.1"

xmlns="urn:easeegas.eu:edigas:remit:gascapacityallocationsdocument:5:1"
    <identification>20002672-RBP-21X-HU-A-A0A0A-8</identification>
    <version>1</version>
    <type>ANI</type>
    <creationDateTime>2018-05-29T13:27:58Z</creationDateTime>
    <validityPeriod>2018-05-30T04:00Z/2018-05-31T04:00Z</validityPeriod>
    <contractReference>20002672-RBP</contractReference>
    <contractType>ZSD</contractType>
    <issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-A0A0A-
8</issuer_MarketParticipant.identification>
    <issuer_MarketParticipant.marketRole.code>ZUJ</issuer_MarketParticipant.marketRole.code>
    <receiver_MarketParticipant.identification
codingScheme="305">10X1001B1001B61Q</receiver_MarketParticipant.identification>

    <receiver_MarketParticipant.marketRole.code>ZUA</receiver_MarketParticipant.marketRole.code>
    <organisedMarketPlace_MarketParticipant.identification codingScheme="305">21X-
XXXXXXXXXXXX</organisedMarketPlace_MarketParticipant.identification>
    <offeredCapacity_Quantity.amount>1700</offeredCapacity_Quantity.amount>
    <currency.code>EUR</currency.code>
    <quantity_MeasureUnit.code>KW1</quantity_MeasureUnit.code>
    <process_Transaction.identification>20002672</process_Transaction.identification>
    <process_Transaction.type>ZSX</process_Transaction.type>
    <process_Transaction.connectionPoint.identification
codingScheme="305">21Z000000000003C</process_Transaction.connectionPoint.identification>
    <process_Transaction.responsibleTso_MarketParticipant.identification
codingScheme="305">21X-HU-A-A0A0A-8</process_Transaction.responsibleTso_MarketParticipant.identification>
    <process_Transaction.transaction_DateTime.dateTime>2018-05-
29T14:00:00Z</process_Transaction.transaction_DateTime.dateTime>
    <process_Transaction.auctionOpen_DateTime.dateTime>2018-05-
29T13:30:00Z</process_Transaction.auctionOpen_DateTime.dateTime>
    <process_Transaction.auctionEnd_DateTime.dateTime>2018-05-
29T14:00:00Z</process_Transaction.auctionEnd_DateTime.dateTime>
    <process_Transaction.action_Status.code>62G</process_Transaction.action_Status.code>
    <process_Transaction.capacityType.code>ZEP</process_Transaction.capacityType.code>

    <process_Transaction.taxonomy.energyProductType>HC1</process_Transaction.taxonomy.energyProductType>
    <process_Transaction.taxonomy.AvailabilityType>Z06</process_Transaction.taxonomy.AvailabilityType>

    <process_Transaction.secondaryMarket_Procedure.code>A01</process_Transaction.secondaryMarket_Procedure.code>
    <Transportation_Transaction>
        <identification>1660-20002672-RBP-39XTEST-NU-001-F</identification>
        <primary_MarketParticipant.identification codingScheme="305">39XTEST-NU-001-
F</primary_MarketParticipant.identification>
        <Transportation_Period>
            <timeInterval>2018-05-30T04:00Z/2018-05-31T04:00Z</timeInterval>
            <direction.code>Z02</direction.code>
            <contract_Quantity.amount>1700</contract_Quantity.amount>
            <total_Price.amount>0.0128217456806744</total_Price.amount>
            <reserve_Price.amount>0.0064108728403372</reserve_Price.amount>
            <reserve_Price.type>Z07</reserve_Price.type>
            <premium_Price.amount>0.0064108728403372</premium_Price.amount>
        </Transportation_Period>
        <AuctionRound_Characteristic>
            <sequence>1</sequence>
            <Bid>
                <identification>1660</identification>
                <bid_Quantity.amount>1700</bid_Quantity.amount>
                <bid_Price.amount>2.000000000000</bid_Price.amount>
            </Bid>
        </AuctionRound_Characteristic>
    </Transportation_Transaction>
    <Transportation_Transaction>
        <identification>1661-20002672-RBP-39XTEST-NU-002-C</identification>
        <primary_MarketParticipant.identification codingScheme="305">39XTEST-NU-002-
C</primary_MarketParticipant.identification>

```

```

    <Transportation_Period>
      <timeInterval>2018-05-30T04:00Z/2018-05-31T04:00Z</timeInterval>
      <direction.code>Z02</direction.code>
      <contract_Quantity.amount>0</contract_Quantity.amount>
      <total_Price.amount>0.0064108728403372</total_Price.amount>
      <reserve_Price.amount>0.0064108728403372</reserve_Price.amount>
      <reserve_Price.type>Z07</reserve_Price.type>
      <premium_Price.amount>0</premium_Price.amount>
    </Transportation_Period>
    <AuctionRound_Characteristic>
      <sequence>1</sequence>
      <Bid>
        <identification>1661</identification>
        <bid_Quantity.amount>1500</bid_Quantity.amount>
        <bid_Price.amount>0.000000000000</bid_Price.amount>
      </Bid>
    </AuctionRound_Characteristic>
  </Transportation_Transaction>
</GasCapacityAllocations_Document>
</gasCapacityAllocationsDocuments>
</downloadRemitReportResponse>
</s:Body>
</s:Envelope>

```

#### 4.1.3.3 Error codes

Errorcode	Errormessage
<b>E0013</b>	[E0013] Date type field format is invalid!
<b>E0051</b>	[E0051] The query returned more than {0} records . Please narrow your search!

## 5 Master data

### 5.1 GetActiveNUList

Service provided for TSOs

#### 5.1.1 Description

TSOs have the option to query the active NetworUser and their associated active users.

#### 5.1.2 Request message

In its request message, the caller party provides the query time interval.

##### 5.1.2.1 Structure

XML Tag	Type	Description
<b>GetActiveNUList</b>		Wrapper tag

##### 5.1.2.2 Example

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:rbp="http://rbp.hu">
  <soap:Header/>
  <soap:Body>
    <rbp:GetActiveNUList>
      <rbp:request></rbp:request>
    </rbp:GetActiveNUList>
  </soap:Body>
</soap:Envelope>

```

```

    </rbp:GetActiveNUList>
  </soap:Body>
</soap:Envelope>

```

### 5.1.3 Response message

The response message contains the active NetworkUser and their associated active users.

#### 5.1.3.1 Structure

XML Tag	Type	Description
<b>EICCode</b>	String(30)	Network User's EIC code
<b>PartnerName</b>	String(200)	Network User's shortname
<b>ValidFrom</b>	DateTime	The start of the validity of the Network User
<b>ValidTo</b>	DateTime	The end of the validity of the Network User
<b>AcerCode</b>	String(20)	Network User's ACER code
<b>TaxNumber</b>	String(20)	Network User's tax number
<b>StatisticalCode</b>	String(20)	Network User's statical code
<b>RegistryNumber</b>	String(20)	Registry number of the Network User
<b>RegistryCourt</b>	String(100)	Registry Court name
<b>Email</b>	String(200)	Network User's E-mail adress
<b>Bank</b>	String(50)	Network User's account keeping bank
<b>BankAccount</b>	String(40)	Network User's bank account
<b>IBAN</b>	String(40)	Network User's IBAN identification
<b>SWIFT</b>	String(20)	Network User's SWIFT identification
<b>PartnerTypeCode</b>	String(20)	Partner type code
<b>RegistrationDate</b>	DateTime	The Network User's registration date to the platform
<b>ModificationTime</b>	DateTime	The last modification time
<b>NUStateCode</b>	String(20)	The state of the Network User
<b>NUUserList</b>		List of Network User's associated users (see table below)

Network User's NUUserData:

XML Tag	Type	Description
<b>Name</b>	String(200)	User name
<b>ValidFrom</b>	DateTime	The start of the validity of the user
<b>ValidTo</b>	DateTime	The end of the validity of user
<b>UserStateCode</b>	String(20)	The state of the user

#### 5.1.3.2 Example

```

<GetActiveNUListResponse>
  <ActiveNUList xmlns="http://rbp.hu">
    <NUData>
      <EICCode>89X-AE-A-A1A0A-C</EICCode>
      <PartnerName>ASD Partner</PartnerName>
      <ValidFrom>2017.10.30.</ValidFrom>
      <ValidTo />
      <AcerCode />
    </NUData>
  </ActiveNUList>
</GetActiveNUListResponse>

```

```

<TaxNumber>AC987654321</TaxNumber>
<StatisticalCode>87654321</StatisticalCode>
<RegistryNumber>AC.12121/2128</RegistryNumber>
<RegistryCourt />
<Email>pedla@pelda.ad</Email>
<Bank>Pelda Bank</Bank>
<BankAccount />
<IBAN>AB1384163513813</IBAN>
<SWIFT>JSDF453</SWIFT>
<PartnerTypeCode>NetworkUser</PartnerTypeCode>
<RegistrationDate>2017.10.30.</RegistrationDate>
<ModificationTime>2019-01-23T03:32:45Z</ModificationTime>
<NUStateCode>Active</NUStateCode>
<NUUserList>
  <NUUserData>
    <Name>Example Kati</Name>
    <ValidFrom>2018.09.25.</ValidFrom>
    <ValidTo>2019.11.19.</ValidTo>
    <UserStateCode>Active</UserStateCode>
  </NUUserData>
  <NUUserData>
    <Name>Example Feri</Name>
    <ValidFrom>2018.09.25.</ValidFrom>
    <ValidTo>2019.11.19.</ValidTo>
    <UserStateCode>Active</UserStateCode>
  </NUUserData>
</NUUserList>
</NUData>
<NUData>
  <EICCode>13X-AB-A-A0A0A-X</EICCode>
  <PartnerName>Example Partner</PartnerName>
  <ValidFrom>2015.10.26.</ValidFrom>
  <ValidTo />
  <AcerCode>A0001196I.SK</AcerCode>
  <TaxNumber>EX16514894</TaxNumber>
  <StatisticalCode>1234567890</StatisticalCode>
  <RegistryNumber>12345678</RegistryNumber>
  <RegistryCourt />
  <Email>example@example.ex</Email>
  <Bank>Example banka, a.s.</Bank>
  <BankAccount />
  <IBAN>AB01 000 0000 0000 0000 0000</IBAN>
  <SWIFT>ABCDEFG</SWIFT>
  <PartnerTypeCode>NetworkUser</PartnerTypeCode>
  <RegistrationDate>2015.10.26.</RegistrationDate>
  <ModificationTime>2019-01-23T01:54:45Z</ModificationTime>
  <NUStateCode>Active</NUStateCode>
  <NUUserList>
    <NUUserData>
      <Name>Example Bela</Name>
      <ValidFrom>2018.09.26.</ValidFrom>
      <ValidTo>2020.11.19.</ValidTo>
      <UserStateCode>Active</UserStateCode>
    </NUUserData>
    <NUUserData>
      <Name>Example Juli</Name>
      <ValidFrom>2018.09.26.</ValidFrom>
      <ValidTo>2019.11.19.</ValidTo>
      <UserStateCode>Active</UserStateCode>
    </NUUserData>
    <NUUserData>
      <Name>Example Mari</Name>
      <ValidFrom>2018.09.27.</ValidFrom>
      <ValidTo>2019.12.10.</ValidTo>
      <UserStateCode>Active</UserStateCode>
    </NUUserData>
  </NUUserList>
</NUData>
</ActiveNUList>
</GetActiveNUListResponse>

```

## 5.2 ManageBalancingGroups

### Service Provided for TSOs

#### 5.2.1 Description

TSOs have the option to manage (create or modify) Balancing Groups or to query their existing Balancing Groups.

#### 5.2.2 Request message

In the query, the TSO has two options

1. The TSO give the manageable Balancing group information. In that option the changes will take effect and the TSO will get in the response all of their existing Balancing group information with modifications.
2. The TSO just send the request message without any data. In that option the TSO will get in the response all of their existing Balancing group information without modifications.

##### 5.2.2.1 Structure

#### Balancing Group information

XML Tag	Type	Description
<b>Code</b>	String	The code of the balancing group to be created or modified
<b>ValidityStart</b>	Date/Datetime	The start of the balancing group's validity. It could be a date format (gasday) or date time format (beginning of a gas day) Validity in each case means a gas day.
<b>ValidityEnd</b>	Date/Datetime	The end of the balancing group's validity. It could be a date format (gasday) or date time format (beginning of a gas day) Validity in each case means a gas day.
<b>EnabledNUList</b>	List	The list of the balancing group's enabled Network users

#### Enabled Network User information

XML Tag	Type	Description
<b>EicCode</b>	String	The EIC code of the Network user
<b>ValidityStart</b>	Date/Datetime	The start of the Network user's validity in the balancing group. It could be a date format (gasday) or date time format (beginning of a gas day) Validity in each case means a gas day.
<b>ValidityEnd</b>	Date/Datetime	The end of the Network user's validity in the balancing group. It could be a date format (gasday) or date time format (beginning of a gas day) Validity in each case means a gas day.

##### 5.2.2.2 Example

#### Option 1.



```

<?xml version="1.0" encoding="UTF-8" ?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header/>
  <soap:Body>
    <ManageBalancingGroupsRequest xmlns="http://rbp.hu">
      <BalancingGroupList>
        <BalancingGroupData>
          <Code>a1</Code>
          <ValidityStart>2018-06-28T04:00:00Z</ValidityStart>
          <ValidityEnd>2020-06-28T04:00:00Z</ValidityEnd>
          <EnabledNUList>
            <EnabledNetworkUser>
              <EicCode>29X-NOEDFLGZTRA7</EicCode>
              <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
              <ValidityEnd>2020-05-28T04:00:00Z</ValidityEnd>
            </EnabledNetworkUser>
            <EnabledNetworkUser>
              <EicCode>40X50BOLG0000006</EicCode>
              <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
              <ValidityEnd>2020-06-28T04:00:00Z</ValidityEnd>
            </EnabledNetworkUser>
          </EnabledNUList>
        </BalancingGroupData>
        <BalancingGroupData>
          <Code>bgSOAP</Code>
          <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
          <EnabledNUList>
            <EnabledNetworkUser>
              <EicCode>25K--123456-TSD9</EicCode>
              <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
            </EnabledNetworkUser>
            <EnabledNetworkUser>
              <EicCode>17XLGE-P0006000L</EicCode>
              <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
            </EnabledNetworkUser>
          </EnabledNUList>
        </BalancingGroupData>
        <BalancingGroupData>
          <Code>bg1</Code>
          <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
          <EnabledNUList>
            <EnabledNetworkUser>
              <EicCode>25K--123456-TSD9</EicCode>
              <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
            </EnabledNetworkUser>
            <EnabledNetworkUser>
              <EicCode>17XLGE-P0006000L</EicCode>
              <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
            </EnabledNetworkUser>
          </EnabledNUList>
        </BalancingGroupData>
      </BalancingGroupList>
    </ManageBalancingGroupsRequest>
  </soap:Body>
</soap:Envelope>

```

## Option 2.

```

<?xml version="1.0" encoding="UTF-8" ?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header/>
  <soap:Body>
    <ManageBalancingGroupsRequest xmlns="http://rbp.hu">
      </ManageBalancingGroupsRequest>
    </soap:Body>
</soap:Envelope>

```

## 5.2.3 Response message

### 5.2.3.1 Structure

#### Balancing Group information

XML Tag	Type	Description
<b>Code</b>	String	The code of the balancing group to be created or modified
<b>ValidityStart</b>	Date/Datetime	The start of the balancing group's validity.
<b>ValidityEnd</b>	Date/Datetime	The end of the balancing group's validity.
<b>EnabledNUList</b>	List	The list of the balancing group's enabled Network users

#### Enabled Network User information

XML Tag	Type	Description
<b>EicCode</b>	String	The EIC code of the Network user
<b>ValidityStart</b>	Date/Datetime	The start of the Network user's validity in the balancing group.
<b>ValidityEnd</b>	Date/Datetime	The end of the Network user's validity in the balancing group.

### 5.2.3.2 Example

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/ITSOSoapWrapper/ManageBalancingGroupsResponse</a:Action
>
    <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-secext-1.0.xsd">
      <u:Timestamp u:Id="_0">
        <u:Created>2020-03-31T17:34:23.363Z</u:Created>
        <u:Expires>2020-03-31T17:39:23.363Z</u:Expires>
      </u:Timestamp>
    </o:Security>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <ManageBalancingGroupsResponse xmlns="http://rbp.hu">
      <BalancingGroupList>
        <BalancingGroupData>
          <Code>BG_0001</Code>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
          <EnabledNUList>
            <EnabledNetworkUser>
              <EicCode>17XLGE-P0006000L</EicCode>
              <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
            </EnabledNetworkUser>
            <EnabledNetworkUser>
              <EicCode>27XQIPA-SINGIRE</EicCode>
              <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
            </EnabledNetworkUser>
            <EnabledNetworkUser>
              <EicCode>25K--123456-TSD9</EicCode>
              <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
            </EnabledNetworkUser>
            <EnabledNetworkUser>
              <EicCode>39X50ORTIN00000B</EicCode>
              <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
            </EnabledNetworkUser>
          </EnabledNUList>
        </BalancingGroupData>
      </BalancingGroupList>
    </ManageBalancingGroupsResponse>
  </s:Body>
</s:Envelope>
```

```

        <EnabledNetworkUser>
          <EicCode>40X50REKLOM0000D</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
        </EnabledNetworkUser>
      </EnabledNUList>
    </BalancingGroupData>
    <BalancingGroupData>
      <Code>BG_0002</Code>
      <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
      <EnabledNUList>
        <EnabledNetworkUser>
          <EicCode>17XLGE-P0006000L</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
        </EnabledNetworkUser>
        <EnabledNetworkUser>
          <EicCode>27XQIPA-SINGIRE</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
        </EnabledNetworkUser>
      </EnabledNUList>
    </BalancingGroupData>
    <BalancingGroupData>
      <Code>BG_0003</Code>
      <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
      <EnabledNUList>
        <EnabledNetworkUser>
          <EicCode>17XLGE-P0006000L</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
        </EnabledNetworkUser>
        <EnabledNetworkUser>
          <EicCode>27XQIPA-SINGIRE</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
        </EnabledNetworkUser>
      </EnabledNUList>
    </BalancingGroupData>
    <BalancingGroupData>
      <Code>BG_0004</Code>
      <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
      <EnabledNUList>
        <EnabledNetworkUser>
          <EicCode>17XLGE-P0006000L</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
          <ValidityEnd>2019-10-02T04:00:00Z</ValidityEnd>
        </EnabledNetworkUser>
        <EnabledNetworkUser>
          <EicCode>27XQIPA-SINGIRE</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
          <ValidityEnd>2019-10-02T04:00:00Z</ValidityEnd>
        </EnabledNetworkUser>
      </EnabledNUList>
    </BalancingGroupData>
    <BalancingGroupData>
      <Code>a1</Code>
      <ValidityStart>2018-06-28T04:00:00Z</ValidityStart>
      <ValidityEnd>2020-06-28T04:00:00Z</ValidityEnd>
      <EnabledNUList>
        <EnabledNetworkUser>
          <EicCode>29X-NOEDFLGZTRA7</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
          <ValidityEnd>2020-05-28T04:00:00Z</ValidityEnd>
        </EnabledNetworkUser>
        <EnabledNetworkUser>
          <EicCode>40X50BOLG0000006</EicCode>
          <ValidityStart>2018-10-01T04:00:00Z</ValidityStart>
          <ValidityEnd>2020-06-28T04:00:00Z</ValidityEnd>
        </EnabledNetworkUser>
      </EnabledNUList>
    </BalancingGroupData>
    <BalancingGroupData>
      <Code>hgSOAP</Code>
      <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
      <EnabledNUList>

```

```

        <EnabledNetworkUser>
          <EicCode>25K--123456-TSD9</EicCode>
          <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
        </EnabledNetworkUser>
        <EnabledNetworkUser>
          <EicCode>17XLGE-P0006000L</EicCode>
          <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
        </EnabledNetworkUser>
      </EnabledNUList>
    </BalancingGroupData>
    <BalancingGroupData>
      <Code>bg1</Code>
      <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
    <EnabledNUList>
      <EnabledNetworkUser>
        <EicCode>25K--123456-TSD9</EicCode>
        <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
      </EnabledNetworkUser>
      <EnabledNetworkUser>
        <EicCode>17XLGE-P0006000L</EicCode>
        <ValidityStart>2019-10-01T04:00:00Z</ValidityStart>
      </EnabledNetworkUser>
    </EnabledNUList>
  </BalancingGroupData>
</BalancingGroupList>
</ManageBalancingGroupsResponse>
</s:Body>
</s:Envelope>

```

#### 5.2.4 Error codes

Error code	Errormessage
<b>V0003</b>	The field is required!
<b>V0006</b>	Maximum length is {0}!
<b>E0013</b>	Date type field format is invalid!
<b>E0004</b>	ValidFrom cannot be greater than ValidTo!
<b>BG0026</b>	The EIC code provided is invalid!
<b>E0003</b>	Invalid or overlapping time series!
<b>BG0027</b>	Duplicated balancing group code: {0}!
<b>BG0028</b>	Duplicated NU EIC code: {0} - {1}!
<b>BG0025</b>	The values specified as UTC datetimes (ValidityStart or ValidityEnd) must be the start- or end of a gas day.

### 5.3 GetCreditLimits

#### 5.3.1 Business environment

By using this service, authorized Network Users and SOs can query their financial limits and associated financial limit locks.

#### 5.3.2 Query financial limits (GetCreditLimits)

Service provided for Network Users and SOs.

##### 5.3.2.1 Description

The SOs or Network Users can query their financial limits and associated financial limit locks in the system.

The service returns all financial limits belonging to the SO or Network user, and the associated financial limit locks in the following states:

- Ongoing
- Awarded

### 5.3.2.2 Request message

The request message does not have an input parameter.

#### 5.3.2.2.1 Structure

XML Tag	Type	Description
<b>GetCreditLimitsRequest</b>		Wrapper tag

#### 5.3.2.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:rbp="http://rbp.hu" >
  <soapenv:Header/>
  <soapenv:Body>
    <rbp:GetCreditLimitsRequest>
      <rbp:GetCreditLimits/>
    </rbp:GetCreditLimitsRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

### 5.3.2.3 Response message

The response message contains all financial limits belonging to the SO or Network user, and the associated financial limit locks in the following states:

- Ongoing
- Awarded

#### 5.3.2.3.1 Structure

XML Tag	Type	Description
<b>OperatorName</b>	String(200)	TSO/SSO name
<b>OperatorEic</b>	String(16)	TSO/SSO EIC code
<b>NetworkUserName</b>	String(200)	Network User name
<b>NetworkUserEic</b>	String(16)	Network user EIC code
<b>Status</b>	String(100)	Financial limit state
<b>Code</b>	String(100)	Financial limit code
<b>RiskCategory</b>	String(200)	Risk category
<b>StartingLimit</b>	Decimal(28,1 2)	Starting limit
<b>LockedLimit</b>	Decimal(28,1 2)	Locked limit
<b>AvailableLimit</b>	Decimal(28,1 2)	Available limit

	2)	
<b>Currency</b>	String(3)	Financial limit currency (Three-digit currency code)
<b>AuctionCode</b>	String(200)	Auction code
<b>FCFSTradeCode</b>	String(200)	FCFS trade code
<b>ProductPeriod</b>	String(400)	The period of the capacity involved in the auction
<b>Status</b>	String(100)	Financial limit lock state
<b>LockedAmount</b>	Decimal(28,1 2)	Financial limit lock amount
<b>Currency</b>	String(3)	Financial limit lock currency (Three-digit currency code)

### 5.3.2.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCreditLimitsResponse xmlns="http://rbp.hu">
      <return>
        <CreditLimits>
          <CreditLimit>
            <OperatorName>TSO1</OperatorName>
            <OperatorEic>21X-HU-A-A0A0A-8</OperatorEic>
            <NetworkUserName>PARTNER 1</NetworkUserName>
            <NetworkUserEic>39XTEST-NU-002-C</NetworkUserEic>
            <Status>Active</Status>
            <Code xsi:nil="true"/>
            <RiskCategory xsi:nil="true"/>
            <StartingLimit>10005000</StartingLimit>
            <LockedLimit>5000</LockedLimit>
            <AvailableLimit>10000000</AvailableLimit>
            <Currency>HUF</Currency>
            <FinancialLimitLocks />
          </CreditLimit>
          <CreditLimit>
            <OperatorName>TSO2</OperatorName>
            <OperatorEic>21X-HU-A-A0A0A-8</OperatorEic>
            <NetworkUserName>PARTNER 2</NetworkUserName>
            <NetworkUserEic>39XTEST-NU-001-F</NetworkUserEic>
            <Status>Active</Status>
            <Code xsi:nil="true"/>
            <RiskCategory>A</RiskCategory>
            <StartingLimit>20008000</StartingLimit>
            <LockedLimit>8000</LockedLimit>
            <AvailableLimit>20000000</AvailableLimit>
            <Currency>HUF</Currency>
            <FinancialLimitLocks>
              <FinancialLimitLock>
                <AuctionCode>12344-RBP</AuctionCode>
                <FCFSTradeCode xsi:nil="true"/>
                <ProductPeriod>2018/2019</ProductPeriod>
                <Status>Ongoing</Status>
                <LockedAmount>100000</LockedAmount>
                <Currency>HUF</Currency>
              </FinancialLimitLock>
              <FinancialLimitLock>
                <AuctionCode xsi:nil="true"/>
                <FCFSTradeCode>00000002-FCFS-RBP</FCFSTradeCode>
                <ProductPeriod>2018/2019</ProductPeriod>
                <Status>Awarded</Status>
                <LockedAmount>200000</LockedAmount>
                <Currency>HUF</Currency>
              </FinancialLimitLock>
            </FinancialLimitLocks>
          </CreditLimit>
        </CreditLimits>
      </return>
    </GetCreditLimitsResponse>
  </s:Body>
</s:Envelope>

```

```
</return>
</GetCreditLimitsResponse>
</s:Body>
</s:Envelope>
```

## 6 RBP Portal Services

This chapter specifies the basic principles of server-server communication that can be used in the operational business among the RBP portal and its co-operating partners, ie.

- RBP TSO Members
- RBP NU Members

and to define its message formats.

The services are available at the following URLs:

<https://<servername>/Services/SoapRBPPortalService.svc>

Environment	Servername
Test	uat.rbp.eu ipnew.test.rbp.eu/RBP.eu.UAT (It will be phased out from 2025.10.01)
Live	rbp.eu ipnew.rbp.eu/RBP.eu (It will be phased out from 2025.10.01)

The services' WSDL can be called using the „?singleWsdI” parameter inserted after the URL, for example:

<https://<servername>/Services/SoapRBPPortalService.svc?singleWsdI>

**Please note that from the date of 2025.10.01 the following service URLs will be phased out..**

**Test: <https://ipnew.test.rbp.eu/RBP.eu.UAT/Services/SoapRBPPortalService.svc>**

**Live: <https://ipnew.rbp.eu/RBP.eu/Services/SoapRBPPortalService.svc>**

### 6.1 CheckAlive

Service provided for all partners.

### 6.1.1 Description

Special method for controlling service operation, which, if for some technical reason, there is no connection with the RBP Portal system, will not return anything. If the service can be used, it returns the following message: “[OK]”

### 6.1.2 Request message

#### 6.1.2.1 Example

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org/">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:CheckAlive/>
  </soapenv:Body>
</soapenv:Envelope>
```

### 6.1.3 Response message

#### 6.1.3.1 Example

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <CheckAliveResponse xmlns="http://tempuri.org/">
      <CheckAliveResult>[OK]</CheckAliveResult>
    </CheckAliveResponse>
  </s:Body>
```

## 6.2 Get Capacity Auctions (GetCapacityAuctionList)

### 6.2.1 Description

The caller receives information about the auctions in RBP system.

### 6.2.2 Request message

The request message must contain the EIC code of the submitting TSO and lists of the statuses or type of the products or opening time of the auction (from, to).

#### 6.2.2.1 Structure

XML Tag	Type	Description
<b>offeringTSOEICCode</b>	String(33)	EIC code of the submitting TSO
<b>openingTimeFrom</b>	DateTime	Beginning of the auction in RBP system
<b>openingTimeTo</b>	DateTime	Ending time of the auction in RBP system
<b>status</b>	String(100)	Status of the action in RBP system
<b>productType</b>	String(100)	Product type of the auction in RBP system

#### 6.2.2.2 Example

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:rbp="http://rbp.eu.service">
  <soapenv:Header/>
```



```

<soapenv:Body>
  <rbp:GetCapacityAuctionsRequest>
    <rbp:offeringTSOEICCode>21X-HU-A-A0A0A-8</rbp:offeringTSOEICCode>
    <rbp:openingTimeFrom>2018-10-02T00:00:00</rbp:openingTimeFrom>
    <rbp:openingTimeTo>2018-10-03T00:00:00</rbp:openingTimeTo>
    <rbp:statusArray>
      <rbp:status>Closed</rbp:status>
      <rbp:status>Pitstop</rbp:status>
    </rbp:statusArray>
    <rbp:productTypeArray>
      <rbp:productType>Yearly</rbp:productType>
      <rbp:productType>Within Day</rbp:productType>
      <rbp:productType>Day Ahead</rbp:productType>
    </rbp:productTypeArray>
  </rbp:GetCapacityAuctionsRequest>
</soapenv:Body>
</soapenv:Envelope>

```

## 6.2.3 Response message

### 6.2.3.1 Structure

XML Tag	Type	Description
<b>id</b>	Int64	Id of the capacity auction in RBP portal system
<b>auctionCode</b>	String(200)	Code of the auction
<b>openingTimeUTC</b>	DateTime	Opening time of the auction in UTC format
<b>closedTimeUTC</b>	DateTime	Closing time of the auction in UTC format
<b>offeringExitTSOName</b>	String(200)	Offering Exit TSO's name
<b>offeringExitTSOEICCode</b>	String(33)	Offering Exit TSO's EIC
<b>offeringEntryTSOName</b>	String(200)	Offering Entry TSO's name
<b>offeringEntryTSOEICCode</b>	String(33)	Offering Entry TSO's EIC
<b>networkPointEICCode</b>	String(33)	EIC code of the network point
<b>networkPointName</b>	String(50)	Name of the network point
<b>exitTSOEICCode</b>	String(33)	EIC code of Exit TSO from view of flow direction of capacity involved in the capacity offering
<b>exitTSOName</b>	String(200)	Name of the exit TSO
<b>entryTSOEICCode</b>	String(33)	EIC code of Entry TSO from view of flow direction of capacity involved in the capacity offering
<b>entryTSOName</b>	String(200)	Name of the entry TSO
<b>productType</b>	String(100)	Value set according to the Product type code library of RBP automated interface documentation
<b>instrument</b>	String(400)	The instrument of the capacity involved in the auction
<b>capacityValidFromUTC</b>	DateTime	Start of the capacity period in UTC

		format
<b>capacityValidToUTC</b>	DateTime	End of the capacity period in UTC format
<b>capacityType</b>	String(100)	Value set according to the Capacity type code library of RBP automated interface documentation.
<b>qualityExitTSO</b>	String(100)	Value set according to the Capacity quality code library of RBP automated interface documentation in case of exit TSO
<b>qualityEntryTSO</b>	String(100)	Value set according to the Capacity quality code library of RBP automated interface documentation in case of exit TSO
<b>offeredCapacity</b>	Int32	Quantity of offered capacity in the auction. In case of bundled auction, the result of the bundling process.
<b>offerLevelId</b>	Int32	Offer level id for incremental auctions
<b>unitsAllocated</b>	Int32	Total allocated capacity
<b>reservePriceExitTSO</b>	Decimal(28,12)	Reserve price of exit TSO
<b>reservePriceUnitExitTSO</b>	String(30)	Unit of reserve price of exit TSO
<b>currencyExitTSO</b>	String(3)	Currency used in case of exit TSO
<b>currencyAndReservePriceUnitExitTSO</b>	String(200)	Unit of the reserve price in case of exit TSO
<b>reservePriceEntryTSO</b>	Decimal(28,12)	Reserve price of entry TSO
<b>reservePriceUnitEntryTSO</b>	String(30)	Unit of the reserve price of entry TSO
<b>currencyEntryTSO</b>	String(3)	Currency used in case of entry TSO
<b>currencyAndReservePriceUnitEntryTSO</b>	String(200)	Unit of the reserve price in case of entry TSO
<b>relativeLargePriceStep</b>	Decimal(28,12)	Large price step in percentage value.
<b>relativeSmallPriceStep</b>	Decimal(28,12)	Small price step in percentage value.
<b>absoluteLargePriceStep</b>	Decimal(28,12)	Large price step (in case of an absolute value type ACTA auction).
<b>absoluteSmallPriceStep</b>	Decimal(28,12)	Small price step (in case of an absolute value type ACTA auction).
<b>allocatedClearingUnitPriceExitTso</b>	Decimal(28,12)	Allocated clearing unit price in case of exit TSO
<b>allocatedClearingUnitPriceEntryTso</b>	Decimal(28,12)	Allocated clearing unit price in case of entry TSO

<b>auctionCharacteristics</b>	String(200)	Value set according to the Auction characteristics code library of RBP automated interface documentation.
<b>lastUpdateUTC</b>	DateTime	The last update time of the Capacity auction in UTC format
<b>postDateUTC</b>	DateTime	The publication time of the auction from RBP system to RBP portal in UTC format
<b>additionalTexts</b>	String(4000)	Comment
<b>Status</b>	String(100)	Status of Capacity. i.e: Active, Cancelled, Closed, Set, Setting

### 6.2.3.2 Example

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCapacityAuctionsResponse xmlns="http://rbp.eu.service">
      <CapacityAuction>
        <id>118130</id>
        <auctionCode>20000001-RBP</auctionCode>
        <openingTimeUTC>2018-10-02T14:30:00</openingTimeUTC>
        <closedTimeUTC>2018-10-02T15:00:00</closedTimeUTC>
        <offeringExitTSOName>FGSZ</offeringExitTSOName>
        <offeringExitTSOEICCode>21X-HU-A-A0A0A-8</offeringExitTSOEICCode>
        <offeringEntryTSOName>SNTGN Transgaz SA</offeringEntryTSOName>
        <offeringEntryTSOEICCode>21X-HU-A-A0A0A-S</offeringEntryTSOEICCode>
        <networkPointEICCode>21Z000000000236Q</networkPointEICCode>
        <networkPointName>Csanádpalota</networkPointName>
        <exitTSOEICCode>21X-HU-A-A0A0A-8</exitTSOEICCode>
        <exitTSOName>FGSZ Zrt.</exitTSOName>
        <entryTSOEICCode>21X-RO-A-A0A0A-S</entryTSOEICCode>
        <entryTSOName>SNTGN Transgaz SA</entryTSOName>
        <productType>Day ahead</productType>
        <instrument>2018.06.24.</instrument>
        <capacityValidFromUTC>2018-06-24T04:00:00</capacityValidFromUTC>
        <capacityValidToUTC>2018-06-25T04:00:00</capacityValidToUTC>
        <capacityType>Bundled</capacityType>
        <qualityExitTSO>FIRM</qualityExitTSO>
        <qualityEntryTSO>FIRM</qualityEntryTSO>
        <offeredCapacity>5290208</offeredCapacity>
        <offerLevelId xsi:nil="true"/>
        <unitsAllocated xsi:nil="true"/>
        <reservePriceExitTSO>0.036630000000</reservePriceExitTSO>
        <reservePriceUnitExitTSO>kWh/h/day</reservePriceUnitExitTSO>
        <currencyExitTSO>HUF</currencyExitTSO>
      </CapacityAuction>
    </GetCapacityAuctionsResponse>
  </s:Body>
</s:Envelope>

```

```

<lastUpdateUTC>2019-07-03T02:16:30.363</lastUpdateUTC>
<postDateUTC>2019-07-03T02:16:30.363</postDateUTC>
<additionalTexts>AdditionalText</additionalTexts>
<status>Closed</status>
</CapacityAuction>
</GetCapacityAuctionsResponse>
</s:Body>
</s:Envelope>

```

#### 6.2.4 Error codes

Error code	Error message
<b>NP0001</b>	The EIC code cannot be empty!
<b>E0015</b>	The field is required!
<b>GT0001</b>	The interval specified in the query is larger than the number of days allowed in the relevant system parameter! Interval: {0}, parameter: {1}!

### 6.3 Get Capacity AuctionsV2 (GetCapacityAuctionListV2)

#### 6.3.1 Description

The caller receives information about the auctions in RBP system. Version 2 of auction data query service, this chapter only describes the differences compared to GetCapacityAuctionList.

#### 6.3.2 Response message

##### 6.3.2.1 Structure

XML Tag	Type	Description
<b>storageReservePrice</b>	Decimal(28,12)	Reserve price for storage aucitons
<b>storageReservePriceUnit</b>	String(30)	Reserve price unit and currency for storage auctions
<b>storageQuality</b>	String(100)	Product quality for storage capacities  Value set according to the Capacity Quality Code library (Code field).
<b>injectionQuantity</b>	Int32	Injection quantity (Z02)
<b>injectionMeasureUnit</b>	String(100)	Injection capacity measuring unit Value set in accordance with the auction unit code library (Description).
<b>injectionEndDate</b>	DateTime	Injection interval end date
<b>injectionStartDate</b>	DateTime	Injection interval start date
<b>storageCapacityQuantity</b>	Int32	Working Volume (Z01)
<b>storageCapacityMeasureUnit</b>	String(100)	Working Volume measuring unit Value set in accordance with the auction unit code library (Description).
<b>withdrawalQuantity</b>	Int32	Withdrawal quantity (Z03)
<b>withdrawalMeasureUnit</b>	String(100)	Withdrawal capacity measuring unit

		Value set in accordance with the auction unit code library (Description).
<b>withdrawalEndDate</b>	DateTime	Withdrawal interval end date
<b>withdrawalStartDate</b>	DateTime	Withdrawal interval start date

### 6.3.2.2 Example

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetCapacityAuctionsResponseV2 xmlns="http://rbp.eu.service">
      <CapacityAuction>
        <id>12344</id>
        <auctionCode>12344-RBP</auctionCode>
        <openingTimeUTC>2021-10-14T15:06:33</openingTimeUTC>
        <closedTimeUTC>2021-10-13T15:20:58.127</closedTimeUTC>
        <networkPointEICCode>39ZVEZSAMBO13GN9</networkPointEICCode>
        <networkPointName>Storage Point</networkPointName>
        <productType>Day ahead</productType>
        <instrument>2021.10.19.</instrument>
        <capacityValidFromUTC>2021-10-19T04:00:00</capacityValidFromUTC>
        <capacityValidToUTC>2021-10-20T04:00:00</capacityValidToUTC>
        <capacityType>Unbundled</capacityType>
        <storageQuality>FIRM</storageQuality>
        <offeredCapacity>274875</offeredCapacity>
        <offerLevelId xsi:nil="true"/>
        <storageCapacityQuantity>1000</storageCapacityQuantity>
        <storageCapacityMeasureUnit>MWh/d</storageCapacityMeasureUnit>
        <injectionQuantity>1000</injectionQuantity>
        <injectionMeasureUnit>MWh/d</injectionMeasureUnit>
        <injectionStartDate>2022-04-16T00:00:00</injectionStartDate>
        <injectionEndDate>2022-10-15T00:00:00</injectionEndDate>
        <withdrawalQuantity>1000</withdrawalQuantity>
        <withdrawalMeasureUnit>MWh/d</withdrawalMeasureUnit>
        <withdrawalStartDate>2022-11-01T00:00:00</withdrawalStartDate>
        <withdrawalEndDate>2023-03-31T00:00:00</withdrawalEndDate>
        <unitsAllocated>6270</unitsAllocated>
        <reservePriceExitTSO xsi:nil="true"/>
        <reservePriceEntryTSO xsi:nil="true"/>
        <storageReservePrice>10.000000000000</storageReservePrice>
        <storageReservePriceUnit>HUF/Bundle/day</storageReservePriceUnit>
        <relativeLargePriceStep xsi:nil="true"/>
        <relativeSmallPriceStep xsi:nil="true"/>
        <absoluteLargePriceStep xsi:nil="true"/>
        <absoluteSmallPriceStep xsi:nil="true"/>
        <allocatedClearingUnitPriceExitTso xsi:nil="true"/>
        <allocatedClearingUnitPriceEntryTso xsi:nil="true"/>
        <auctionCharacteristics>Storage</auctionCharacteristics>
        <lastUpdateUTC>2021-10-13T15:20:58.127</lastUpdateUTC>
        <postDateUTC>2021-10-13T15:20:58.127</postDateUTC>
        <additionalTexts/>
        <status>Closed</status>
      </CapacityAuction>
    </GetCapacityAuctionsResponseV2>
  </s:Body>
</s:Envelope>

```

## 7 LPFS services

## 7.1 UploadLPFSDocument

Service provided for TSOs. It is also available by AS4 message.

### 7.1.1 Description

Transmission of the imbalance positions of the system users for day D and the sum of allocated entry and exit quantities for day D+1 from the perspective of LPFS from the TSO system to RBP after 12:00h after the daily allocation of the DSO of the day after the gas day.

The balance of the suspended partner is calculated in the RBP.

### 7.1.2 Request message

The TSO can submit the LPFS service fee and LPFS limits calculated per network user to RBP.

The message contains, in repeated networkUserItem blocks, the network user's entry and exit quantity, LPFS limits, and LPFS service fees.

#### 7.1.2.1 Structure

XML Tag	Type	Description
<b>identification</b>	String (35)	An identifier produced by the sender that identifies exactly one of the messages he has ever sent. Mandatory field.
<b>type</b>	String (3)	The type of the document: LPD
<b>creationTime</b>	DateTime	The time the message was created. Mandatory field.
<b>gasDay</b>	String (10)	Reference gas date of sent limit
<b>flexibilityServiceQuantity</b>	Decimal(15,3)	Flexibility service quantity
<b>quantityMeasureUnit</b>	String(3)	LPFS accounting unit Value set according to the Auction unit code library (EDIGAS code field).
<b>tradingPartnerEIC</b>	String(30)	EIC code of trading partner.
<b>vtpName</b>	String(50)	Hálózati pont neve, melyen a kereskedés történni fog.
<b>vtpEIC</b>	String(33)	Name of the network point on which the trade will take place.
<b>baseCurrency</b>	String(3)	Currency in which the TSO sends the LPFS fees.
<b>unitFeePositiveImbalanceBaseCurrency</b>	Decimal(28,12)	Positive imbalance fee
<b>unitFeeNegativeImbalanceBaseCurrency</b>	Decimal(28,12)	Negative imbalance fee
<b>unitFeePositiveImbalanceEUR</b>	Decimal(28,12)	Positive imbalance fee EUR
<b>unitFeeNegativeImbalanceEUR</b>	Decimal(28,12)	Negative imbalance fee EUR

<b>networkUserEIC</b>	String(30)	Network user EIC code
<b>sumEntryQuantity</b>	Decimal(15,3)	Network user's sum entry quantity
<b>sumExitQuantity</b>	Decimal(15,3)	Network user's sum exit quantity
<b>limitQuantity</b>	Decimal(15,3)	LPFS limit quantity

### 7.1.2.2 Example

```

<rbp:UploadLpfsDocumentRequest>
  <LPFS_Document xmlns="http://rbp.hu">
    <identification>identification123</identification>
    <type>LPD</type>
    <creationTime>2022-10-10T15:21:46.8860978+02:00</creationTime>
    <gasDay>2022-10-10</gasDay>
    <flexibilityServiceQuantity>100</flexibilityServiceQuantity>
    <quantityMeasureUnit>MWH</quantityMeasureUnit>
    <tradingPartnerEIC>HUFFGSZLPFS00000</tradingPartnerEIC>
    <vtpName>MGP</vtpName>
    <vtpEIC>39YSINBP0000000NE</vtpEIC>
    <baseCurrency>HUF</baseCurrency>
    <unitFeePositiveImbalanceBaseCurrency>417.8820</unitFeePositiveImbalanceBaseCurrency>
    <unitFeeNegativeImbalanceBaseCurrency>400</unitFeeNegativeImbalanceBaseCurrency>
    <unitFeePositiveImbalanceEUR>0.980</unitFeePositiveImbalanceEUR>
    <unitFeeNegativeImbalanceEUR>1</unitFeeNegativeImbalanceEUR>
    <networkUserItem>
      <networkUserEIC>21TEST0000000000</networkUserEIC>
      <sumEntryQuantity>0</sumEntryQuantity>
      <sumExitQuantity>182.158</sumExitQuantity>
    </networkUserItem>
    <networkUserItem>
      <networkUserEIC>21TEST0000000002</networkUserEIC>
      <sumEntryQuantity>0</sumEntryQuantity>
      <sumExitQuantity>110.327</sumExitQuantity>
      <limitQuantity>-62.804</limitQuantity>
    </networkUserItem>
  </LPFS_Document>
</rbp:UploadLpfsDocumentRequest>
</soap:Body>

```

## 7.1.3 Response message

### 7.1.3.1 Structure

XML Tag	Type	Description
<b>identification</b>	String	An identifier produced by the sender that identifies exactly one of the messages he has ever sent. Mandatory field.
<b>version</b>	Int	Message version.
<b>documentCode</b>	String	
<b>creationDateTime</b>	String	The time the message was created. Mandatory field.
<b>validityPeriod</b>	String	Validity period
<b>issuer_MarketParticipant.identification</b>	String	Identification of the party producing

		the document.
<b>issuer_MarketParticipant.marketRole.roleCode</b>	String	Role of the party producing the document.
<b>recipient_MarketParticipant.identification</b>	String	Identification of the party receiving the document.
<b>recipient_MarketParticipant.marketRole.roleCode</b>	String	Role of the party producing the document.
<b>receiving_Document.identification</b>	String	Document identification
<b>receiving_Document.version</b>	String	Document version
<b>receiving_Document.documentCode</b>	String	
<b>receiving_Document.creationDateTime</b>	String	Document creation time
<b>reasonCode</b>	String	
<b>text</b>	String	In case of error, error message code and error message.

### 7.1.3.2 Example

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-
200401-wss-wssecurity-utility-1.0.xsd">
  <s:Header>
    <a:Action
s:mustUnderstand="1">http://rbp.hu/ITSOServiceSoapWrapper/UploadLPFSDocumentResponse</a:Action>
    <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd">
      <u:Timestamp u:Id="_0">
        <u:Created>2022-10-10T13:33:38.819Z</u:Created>
        <u:Expires>2022-10-10T13:38:38.819Z</u:Expires>
      </u:Timestamp>
    </o:Security>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <UploadLpfsDocumentResponse xmlns="http://rbp.hu">
      <Acknowledgement_Document xmlns="urn:easee-
gas.eu:edigas:General:AcknowledgementDocument:6:0:0">
        <identification>RBPDataTransferId: 46</identification>
        <version>1</version>
        <documentCode>294</documentCode>
        <creationDateTime>2022-10-10T13:33:38Z</creationDateTime>
        <validityPeriod>2022-10-10T13:03Z/2022-10-10T14:03Z</validityPeriod>
        <issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-TEST-
8</issuer_MarketParticipant.identification>
        <issuer_MarketParticipant.marketRole.roleCode>ZUJ</issuer_MarketParticipant.marketRole.roleCode>
        <recipient_MarketParticipant.identification codingScheme="305">21X-HU-A-TEST-
8</recipient_MarketParticipant.identification>
        <recipient_MarketParticipant.marketRole.roleCode>ZSO</recipient_MarketParticipant.marketRole.roleCode>
        <receiving_Document.identification>identification123</receiving_Document.identification>
        <receiving_Document.version>0</receiving_Document.version>
        <receiving_Document.documentCode>294</receiving_Document.documentCode>
        <receiving_Document.creationDateTime>2022-10-
10T15:21:46.8860978+02:00</receiving_Document.creationDateTime>
        <Reason>
          <reasonCode>41G</reasonCode>
          <text>[LP0004] A(z) 1. sor vagy elem networkUserEIC mezejének értéke 39X000000000000
érvénytelen.</text>
        </Reason>
      </Acknowledgement_Document>
    </UploadLpfsDocumentResponse>
  </s:Body>
</s:Envelope>

```



```

    </Acknowledgement_Document>
  </UploadLpfsDocumentResponse>
</s:Body>
</s:Envelope>

```

#### 7.1.4 Error messages

Error code	Error message
LP0001	Value or format {1} of field {0} is invalid.
LP0002	Value or format {1} of field {0} is invalid in {2}. row or item.
LP0003	Value of quantityMeasureUnit field ({0}) is invalid.
LP0004	Value {0} of networkUserEIC field is invalid in {1}. row or item.
LP0005	Value or format of gasDay ({0}) is invalid.
LP0008	Value of currency field ({0}) is invalid.
LP0009	TSO EIC ({0}) is invalid.

## 7.2 LpfsTransactionDocument

Service provided for TSOs.

### 7.2.1 Description

Sending transactions calculated from data uploaded using UploadLPFSDocument to TSO.Kérés üzenet

The message contains the transactions concluded on the RBP in repeated transactionD or transactionDA blocks.

The transactionD block contains reverse transactions for the closing day of the given gas day, transactionDA block for the next gas day.

#### 7.2.1.1 Structure

XML Tag	Type	Description
<b>creationDate</b>	String(20)	The time the message was created. Mandatory field.
<b>identification</b>	String(35)	An identifier produced by the sender that identifies exactly one of the messages he has ever sent. Mandatory field.
<b>type</b>	String(3)	The type of the document, LTD
<b>gasDay</b>	String(10)	Relevant gas date of the submitted transaction notification. Based on this, the transaction is closed on the corresponding gas day. Mandatory field.
<b>platform</b>	String(3)	The unique identifier of the sending platform. RBP
<b>baseCurrency</b>	String(3)	Currency in which the TSO sent the

		LPFS fees.
<b>quantityMeasureUnit</b>	String(3)	LPFS accounting unit Value set according to the Auction unit code library (EDIGAS code field).
<b>networkUserTransactionCount</b>	Int	The number of transactions in the message. Mandatory field.
<b>totalFlexibilityServiceDailyQuantity</b>	Decimal(15,3)	Used flexibility service quantity.
<b>transactionDate</b>	String (20)	Date of creation of transaction
<b>networkPointEIC</b>	String(33)	The EIC code of the network point on which the trade takes place.
<b>dailyQuantity</b>	Decimal(15,3)	Calculated LPFS quantity for a given day, for a given NU, for a given TSO.
<b>proportionApplied</b>	Int	Applied LPFS proportion
<b>unitFeeEUR</b>	Decimal(28,12)	The unit price of the D-day transaction in EUR according to the type of transaction.
<b>unitFeeBaseCurrency</b>	Decimal(28,12)	The transaction unit price in the currency of the TSO.
<b>transactionId</b>	String(100)	Unique transaction identifier. If it is sent again, the IP will update the original transaction notification.  A transaction identifier can only appear once in a message.DLPFS DALPFS
<b>sellerNetworkUserEIC</b>	String(30)	The EIC code of the partner participating in the transaction as a seller.
<b>buyerNetworkUserEIC</b>	String(30)	The EIC code of the partner participating in the transaction as a buyer.

#### 7.2.1.2 Example

```

<?xml version="1.0" encoding="UTF-8" ?>
<q1:LpfsTransactionDocument xmlns:q1="http://rbp.hu">
  <q1:creationDate>2022-10-25T12:59:46Z</q1:creationDate>
  <q1:identification>a361a332e8164beebc98740b7b71cf4f</q1:identification>
  <q1:type>LTD</q1:type>
  <q1:gasDay>2022-10-24</q1:gasDay>
  <q1:platform>RBP</q1:platform>
  <q1:baseCurrency>HUF</q1:baseCurrency>
  <q1:quantityMeasureUnit>MWH</q1:quantityMeasureUnit>
  <q1:networkUserTransactionCount>45</q1:networkUserTransactionCount>
  <q1:totalFlexibilityServiceDailyQuantity>4412.936</q1:totalFlexibilityServiceDailyQuantity>
  <q1:networkUserTransaction>
    <q1:transactionDate>2022-10-24T04:00:00Z</q1:transactionDate>
    <q1:networkPointEIC>39YSINBP000000NE</q1:networkPointEIC>
    <q1:dailyQuantity>1221.603</q1:dailyQuantity>
    <q1:proportionApplied>100</q1:proportionApplied>
  </q1:networkUserTransaction>
</q1:LpfsTransactionDocument>

```

```

<q1:unitFeeEUR>3.310000000000</q1:unitFeeEUR>
<q1:unitFeeBaseCurrency>1366.500400000000</q1:unitFeeBaseCurrency>
<q1:transactionD>
  <q1:transactionId>20221024_TESZTSHIPPER01_DLPFS</q1:transactionId>
  <q1:sellerNetworkUserEIC>21TEST0000000000</q1:sellerNetworkUserEIC>
  <q1:buyerNetworkUserEIC>HUFFGSZALLLPFS</q1:buyerNetworkUserEIC>
</q1:transactionD>
<q1:transactionDA>
  <q1:transactionId>20221025_39XAUDAX-GAS-TRU_DALPFS</q1:transactionId>
  <q1:sellerNetworkUserEIC>HUFFGSZALLLPFS</q1:sellerNetworkUserEIC>
  <q1:buyerNetworkUserEIC>21TEST0000000000</q1:buyerNetworkUserEIC>
</q1:transactionDA>
</q1:networkUserTransaction>
<q1:networkUserTransaction>
  <q1:transactionDate>2022-10-24T04:00:00Z</q1:transactionDate>
  <q1:networkPointEIC>39YSINBP00000001</q1:networkPointEIC>
  <q1:dailyQuantity>3191.000</q1:dailyQuantity>
  <q1:proportionApplied>100</q1:proportionApplied>
  <q1:unitFeeEUR>3.310000000000</q1:unitFeeEUR>
  <q1:unitFeeBaseCurrency>1366.500400000000</q1:unitFeeBaseCurrency>
  <q1:transactionD>
    <q1:transactionId>20221024_TESZTSHIPPER02_DLPFS</q1:transactionId>
    <q1:sellerNetworkUserEIC>HUFFGSZALLLPFS</q1:sellerNetworkUserEIC>
    <q1:buyerNetworkUserEIC>21TEST0000000002</q1:buyerNetworkUserEIC>
  </q1:transactionD>
  <q1:transactionDA>
    <q1:transactionId>20221025_39X-CYEB-ENMEG-L_DALPFS</q1:transactionId>
    <q1:sellerNetworkUserEIC>21TEST0000000002</q1:sellerNetworkUserEIC>
    <q1:buyerNetworkUserEIC>HUFFGSZALLLPFS</q1:buyerNetworkUserEIC>
  </q1:transactionDA>
</q1:networkUserTransaction>
</q1:LpfsTransactionDocument>

```

## 7.2.2 Response message

### 7.2.2.1 Structure

XML Tag	Type	Description
<b>identification</b>	String	An identifier produced by the sender that identifies exactly one of the messages he has ever sent. Mandatory field.
<b>version</b>	Int	Message version.
<b>documentCode</b>	String	
<b>creationDateTime</b>	String	The time the message was created. Mandatory field.
<b>validityPeriod</b>	String	Validity period
<b>issuer_MarketParticipant.identification</b>	String	Identification of the party producing the document.
<b>issuer_MarketParticipant.marketRole.roleCode</b>	String	Role of the party producing the document.
<b>recipient_MarketParticipant.identification</b>	String	Identification of the party receiving the document.
<b>recipient_MarketParticipant.marketRole.roleCode</b>	String	Role of the party producing the

		document.
<b>receiving_Document.identification</b>	String	Document identification
<b>receiving_Document.version</b>	String	Document version
<b>receiving_Document.documentCode</b>	String	
<b>receiving_Document.creationDateTime</b>	String	Document creation time
<b>reasonCode</b>	String	
<b>text</b>	String	In case of error, error message code and error message.

### 7.2.2.2 Example

```
<q1:Acknowledgement_Document xmlns:q1="urn:easee-gas.eu:edigas:General:AcknowledgementDocument:6:0:0">
  <q1:identification>35e48dd52d214844b84fac5e4b191043</q1:identification>
  <q1:version>1</q1:version>
  <q1:documentCode>294</q1:documentCode>
  <q1:creationDateTime>2022-10-18T07:09:48Z</q1:creationDateTime>
  <q1:validityPeriod>2022-10-18T06:39Z/2022-10-18T07:39Z</q1:validityPeriod>
  <q1:issuer_MarketParticipant.identification codingScheme="305">21X-HU-A-TESZT-
8</q1:issuer_MarketParticipant.identification>

  <q1:issuer_MarketParticipant.marketRole.roleCode>ZSO</q1:issuer_MarketParticipant.marketRole.roleCode>
  <q1:recipient_MarketParticipant.identification
codingScheme="305">21X00000000TESZT</q1:recipient_MarketParticipant.identification>
  <q1:recipient_MarketParticipant.marketRole.roleCode>ZUJ</q1:recipient_MarketParticipant.marketRole.role
Code>
  <q1:receiving_Document.version>0</q1:receiving_Document.version>
  <q1:receiving_Document.documentCode>294</q1:receiving_Document.documentCode>
  <q1:receiving_Document.creationDateTime>0001-01-
01T00:00:00</q1:receiving_Document.creationDateTime>
  <q1:Reason>
    <q1:reasonCode>01G</q1:reasonCode>
  </q1:Reason>
</q1:Acknowledgement_Document>
```

## 7.3 Query LPFS deals (GetLpfsData)

Service provided for NUs.

### 7.3.1 Description

The NU can query LPFS deals by a gasday interval.

#### 7.3.1.1 Request message

The request message contains a gasday interval.

#### 7.3.1.2 Structure

XML Tag	Type	Description
<b>gasDayFrom</b>	DateTime	The start gasday of the query interval
<b>gasDayTo</b>	DateTime	The end gasday of the query interval

### 7.3.1.3 Example

```
<?xml version="1.0" encoding="utf-8"?>
<s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Header>
    <a:Action s:mustUnderstand="1">http://rbp.hu/GetLpfsData</a:Action>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getLpfsDataRequest xmlns="http://rbp.hu">
      <gasDayFrom>2023.09.01</gasDayFrom>
      <gasDayTo>2023.09.30</gasDayTo>
    </getLpfsDataRequest>
  </s:Body>
</s:Envelope>
```

## 7.3.2 Response message

### 7.3.2.1 Structure

XML Tag	Type	Description
<b>gasDay</b>	String(10)	Reference gas date
<b>tsoEic</b>	String(30)	TSO EIC code
<b>baseCurrency</b>	String(3)	Currency in which the TSO calculated the LPFS fees.
<b>quantityMeasureUnit</b>	String(3)	LPFS accounting unit Value set according to the Auction unit code library (EDIGAS code field).
<b>vtpEIC</b>	String(33)	Name of the network point on which the trade take place.
<b>lpfsQuantity</b>	Decimal(15,3)	Calculated LPFS quantity
<b>imbalanceWithoutLPFS</b>	Decimal(15,3)	Imbalance without LPFS
<b>transactionType</b>	String(8)	Transaction type: Takeover / Handover
<b>unitFeeEUR</b>	Decimal(28,12)	The unit price of the D-day transaction in EUR according to the type of transaction.
<b>unitFeeBaseCurrency</b>	Decimal(28,12)	The transaction unit price in the currency of the TSO.
<b>serviceFeeEUR</b>	Decimal(28,12)	LPFS service fee in EUR
<b>serviceFeeBaseCurrency</b>	Decimal(28,12)	LPFS service fee in the currency of the TSO
<b>proportionApplied</b>	Int	Applied LPFS proportion
<b>limitQuantity</b>	Decimal(15,3)	LPFS limit quantity

### 7.3.2.2 Example

```
<?xml version="1.0" encoding="utf-8"?>
<s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Header>
    <a:Action s:mustUnderstand="1">http://rbp.hu/GetLpfsData</a:Action>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <getLpfsDataResponse xmlns="http://rbp.hu">
      <networkUserTransactions>
        <networkUserTransaction>
          <gasDay>2023-09-24</gasDay>
          <tsoEic>21X-HU-A-A0A0A-8</tsoEic>
          <baseCurrency>HUF</baseCurrency>
          <quantityMeasureUnit>MWH</quantityMeasureUnit>
          <vtpEIC>39YSINBP000000NE</vtpEIC>
          <lpfsQuantity>1013.281</lpfsQuantity>
          <imbalanceWithoutLPFS>-1013.281</imbalanceWithoutLPFS>
          <transactionType>Takeover</transactionType>
          <unitFeeEUR>0.116000000000</unitFeeEUR>
          <unitFeeBaseCurrency>70.900000000000</unitFeeBaseCurrency>
          <serviceFeeEUR>117.540000000000</serviceFeeEUR>
          <serviceFeeBaseCurrency>71842.000000000000</serviceFeeBaseCurrency>
          <proportionApplied>100</proportionApplied>
          <limitQuantity>-1513.281</limitQuantity>
        </networkUserTransaction>
        <networkUserTransaction>
          <gasDay>2023-09-25</gasDay>
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