User manual
Of information System

User manual
for external users of OTE public web – web services

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Date	Description of changes
4.8.2010	Description of changes after web services redesign
7.9.2010	Version for OTE comments
29.9.2010	Finalization of OTE comments
2.12.2010	Update for CR78
8.5.2012	Update for CR160
3.8.2016	Update for CR391
9.9.2021	Update for CR137
26.6.2023	Removal of services related to discontinued markets
27.5.2024	Update of services for 15/ 60-minute contracts and IDA
12.9.2024	Description of the request, specifying the hour or period
29.4.2025	Total change of document formatting. Extension of services for DM 15min • New services: GetDamPricePeriodE, GetDamAllPeriodE, GetDamFlowsPeriodE • Service modification: GetDamIndexE • Limited services: GetDamPriceE, GetDamAllE
31.3.2026	Change in the technical implementation of the services. New access URLs
26.10.2026	Service modification: GetRutList

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1 Web services

Web services allows automatic access to some data that are published on OTE, a.s. public website. The technology is widespread and has an implementation in many programming languages. For its use it is necessary to have a program that will process, store and display data to user.

Current implementation uses SOAP protocol with SOAP 1.1 / 1.2 standard, WSDL, and XML schemas for communication, and ensures compatibility with the existing web service interface.

1.1 Compatibility

The services on the existing public website have undergone a significant redesign in the unification of fields and other changes. Backward compatibility with previous client version (OTE Win client version 1.1.2.0 and OTE WWW services version 1.1.2.0) is no longer supported.

1.2 WSDL

The service is available at https://www.sand.ote-cr.cz/pw-data/services/PublicDataService. WSDL is available at same link by sending http GET request, or at https://www.sand.ote-cr.cz/pw-data/services/PublicDataService?wsdl

1.3 Services and formats

All services return data in the output parameter in the form of an XML document including its definition (XSD).

List of web services (case sensitive):

- Master Data
  - GetRutList
- Daily Market
  - GetDamIndexE

  Data provided up to the delivery day 30.9.2025:
  - GetDamPriceE
  - GetDamAllE

  Data provided from the delivery day 1.10.2025 (15min Go-live):
  - GetDamPricePeriodE
  - GetDamAllPeriodE
  - GetDamFlowsPeriodE
- Intraday Auctions

  Data provided from the delivery day 14.6.2024 (IDA Go-live):
  - GetIDAIndexE
  - GetIDAPricePeriodE
  - GetIDAAllPeriodE

  Data provided for delivery days from 14.6.2024 do 30.6.2024
  - GetIDAPriceE
  - GetIDAAllE
- Intraday Market – electricity
  - GetImPricePeriodE
  - GetImPriceE (service provides data ***up to delivery day 30.6.2024***)
- Imbalances – electricity
  - GetImbalanceSettlementPeriodE
  - GetImbalanceSettlementE (service provides data ***up to delivery day 30.6.2024***).
- Intraday Market – gas
  - GetImPriceG
- Imbalances – gas
  - GetImbalanceNCBALSettlementG

1.3.1. Web services for Master Data

1.3.1.1. GetRutList

Returns list of all registered market participants.

No input parameters.

Output structure with elements

- Id – Unique participant identificator (RMP) in IS OTE
- Ean – European article number, participant code (length 13)
- Eic – RMP unique identificator via EIC
- IdNo – Company Identification Number
- VatNo – Vat Reg. number
- Company – Company name
- RegistrationDate – Registration date (creating RMP in IS)
- SubjectSettlementDateElectricityFrom – Validity date from - Subject of Settlement - electricity
- SubjectSettlementDateEletricityTo – Validity date to - Subject of Settlement -electricity
- SubjectSettlementDateGasFrom – Validity date from - Subject of Settlement - gas
- SubjectSettlementDateGasTo – Validity date to - Subject of Settlement - gas
- DamElectricityValidityFrom – Validity date from – access to DM - electricity
- DamElectricityValidityTo – Validity date to – access to DM - electricity
- DamGasValidityFrom – Validity date from – access to DM - gas
- DamGasValidityTo – Validity date to – access to DM - gas
- DistributorElectricityFrom - Validity date from – distributor licence - electricity
- DistributorElectricityTo – Validity date to – distributor licence - electricity
- DistributorGasFrom – Validity date from – distributor licence - gas
- DistributorGasTo – Validity date to – distributor licence – gas

Example – Input request:

```
<?xml version="1.0" encoding="utf-8" ?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:pub="http://www.ote-
cr.cz/schema/service/public">
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetRutList/>
   </soapenv:Body>
</soapenv:Envelope>
```

Example – Output:

```
<?xml version="1.0" encoding="UTF-8" ?>
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetRutListResponse xmlns="http://www.ote-cr.cz/schema/service/public">
         <Result>
            <Rut>
```

```
      <Id>3</Id>
      <Ean>8591824000304</Ean>
      <IdNo>70894451</IdNo>
      <VatNo>CZ70894451</VatNo>
      <Company>3</Company>
      <RegistrationDate>2002-04-11</RegistrationDate>
      <DamElectricityValidityFrom>2002-04-12</DamElectricityValidityFrom>
      <DamElectricityValidityTo>5000-01-01</DamElectricityValidityTo>
   </Rut>
   <Rut>
      <Id>5</Id>
      <Ean>8591824000502</Ean>
      <IdNo>46900896</IdNo>
      <VatNo>CZ46900896</VatNo>
      <Company>5</Company>
      <RegistrationDate>2004-04-02</RegistrationDate>
   </Rut>
   <Rut>
      <Id>6</Id>
      <Ean>8591824000601</Ean>
      <IdNo>00020699</IdNo>
      <VatNo>CZ00020699</VatNo>
      <Company>6</Company>
      <RegistrationDate>2004-06-30</RegistrationDate>
   </Rut>
   <Rut>
      <Id>20</Id>
      <Ean>8591824001905</Ean>
      <Eic>24X-OT-SK------V</Eic>
      <IdNo>35829141</IdNo>
      <VatNo>SK2020261342</VatNo>
      <Company>20</Company>
      <RegistrationDate>2009-08-20</RegistrationDate>
   </Rut>
   <Rut>
      <Id>21</Id>
      <Ean>8591824002100</Ean>
      <Eic>10XSK-SEPS-GRIDB</Eic>
      <IdNo>35829141</IdNo>
      <VatNo>SK2020261342</VatNo>
      <Company>21</Company>
      <RegistrationDate>2009-08-20</RegistrationDate>
   </Rut>
   <Rut>
      <Id>98</Id>
      <Ean>8591824009802</Ean>
      <IdNo>27865444</IdNo>
      <VatNo>CZ699000864</VatNo>
      <Company>98</Company>
      <RegistrationDate>2007-05-15</RegistrationDate>
      <DamElectricityValidityFrom>2009-03-31</DamElectricityValidityFrom>
      <DamElectricityValidityTo>5000-01-01</DamElectricityValidityTo>
   </Rut>
   <Rut>
      <Id>99</Id>
      <Ean>8591824009901</Ean>
      <IdNo>46900896</IdNo>
      <VatNo>CZ46900896</VatNo>
      <Company>99</Company>
      <RegistrationDate>2003-06-13</RegistrationDate>
   </Rut>
   <Rut>
      <Id>101</Id>
      <Ean>8591824010105</Ean>
      <IdNo>25702556</IdNo>
      <VatNo>CZ25702556</VatNo>
      <Company>101</Company>
      <RegistrationDate>2001-12-10</RegistrationDate>
   </Rut>
   <Rut>
      <Id>283</Id>
      <Ean>8591824028308</Ean>
      <Eic>27XG-CENTROPOL-P</Eic>
      <IdNo>25458302</IdNo>
      <VatNo>CZ25458302</VatNo>
      <Company>283</Company>
```

```
                <RegistrationDate>2003-04-14</RegistrationDate>
                <SubjectSettlementDateElectricityFrom>2007-10-31</SubjectSettlementDateElectricityFrom>
                <SubjectSettlementDateElectricityTo>2013-03-01</SubjectSettlementDateElectricityTo>
                <DamElectricityValidityFrom>2007-10-31</DamElectricityValidityFrom>
                <DamElectricityValidityTo>2013-03-01</DamElectricityValidityTo>
            </Rut>
        </Result>
      </GetRutListResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.2. Web services for Daily Market

1.3.2.1. GetDamIndexE

The service provides Daily Market indexes (DM), valid ČNB exchange rate and matched volume in the given band for requested delivery period.

Query structure – GetDamIndexE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory

Response structure – GetDamIndexEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
EurRate	Decimal Number	ČNB exchange rate for the given delivery day. Value with an accuracy of 3 decimal places.	Mandatory
BaseLoad	Decimal Number	Index of trading within the BASE LOAD band [EUR/MWh]. Value with an accuracy of 2 decimal places.	Optional
PeakLoad	Decimal Number	Index of trading within the PEAK LOAD band [EUR/MWh]. Value with an accuracy of 2 decimal places.	Optional
OffpeakLoad	Decimal Number	Index of trading within the OFFPEAK LOAD band [EUR/MWh]. Value with an accuracy of 2 decimal places.	Optional
BaseLoadVolume	Decimal Number	Total matched volume in the CZ area in the BASE LOAD band of the given delivery day in MWh. Value with an accuracy of 3 decimal places.	Optional
PeakLoadVolume	Decimal Number	Total matched volume in the CZ area in the PEAK LOAD band of the given delivery day in MWh. Value with an accuracy of 3 decimal places.	Optional
OffpeakLoadVolume	Decimal Number	Total matched volume in the CZ area in the OFFPEAK LOAD band of the given delivery day in MWh. Value with an accuracy of 3 decimal places.	Optional

Element	Value	Note	Mandatory / Optional
EmergencyState	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced	Optional

Note: The decimal separator is a dot. In the case of state of emergency of all periods of the given delivery day, the quantity items are not included in the response.

Example of query GetDamIndexE:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:pub="http://www.ote-
cr.cz/schema/service/public">
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetDamIndexE>
         <pub:StartDate>2025-01-05</pub:StartDate>
         <pub:EndDate>2025-01-05</pub:EndDate>
      </pub:GetDamIndexE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetDamIndexEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetDamIndexEResponse xmlns="http://www.ote-cr.cz/schema/service/public">
         <Result>
            <DamIndex>
               <Date>2025-01-05</Date>
               <EurRate>25.155</EurRate>
               <BaseLoad>112.78</BaseLoad>
               <PeakLoad>112.13</PeakLoad>
               <OffpeakLoad>113.43</OffpeakLoad>
               <BaseLoadVolume>84923.367</BaseLoadVolume>
               <PeakLoadVolume>41317.401</PeakLoadVolume>
               <OffpeakLoadVolume>43606.154</OffpeakLoadVolume>
            </DamIndex>
            <DamIndex>
               <Date>2025-01-06</Date>
               <EurRate>25.160</EurRate>
               <BaseLoad>114.48</BaseLoad>
               <PeakLoad>126.29</PeakLoad>
               <OffpeakLoad>102.67</OffpeakLoad>
               <BaseLoadVolume>81623.923</BaseLoadVolume>
               <PeakLoadVolume>40001.594</PeakLoadVolume>
               <OffpeakLoadVolume>41622.482</OffpeakLoadVolume>
               <EmergencyState>1</EmergencyState>
            </DamIndex>
            <DamIndex>
               <Date>2025-01-07</Date>
               <EurRate>25.155</EurRate>
               <EmergencyState>1</EmergencyState>
            </DamIndex>
         </Result>
      </GetDamIndexEResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.2.2. GetDamPriceE

The service provides the resulting marginal prices and traded volume on Daily Market in 60min resolution for the requested period.

The service provides data up to the delivery date 30.9.2025.

Query structure GetDamPriceE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartHour	Positive Whole Number	Index of the starting hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input)	Optional
EndHour	Positive Whole Number	Index of the ending hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input)	Optional
InEur	Boolean	If set (true), returns the price in EUR, otherwise in CZK. The price in CZK is converted according to the ČNB exchange rate.	Optional

Response structure GetDamPriceEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
Hour	Positive Whole Number	Hour index of the relevant delivery day	Mandatory
Price	Decimal Number	Marginal price in [CZK/MWh] or in [EUR/MWh] in the given delivery hour. Value with an accuracy of 2 decimal places.	Mandatory
Volume	Decimal Number	Total traded volume in CZ area [MWh] in the given delivery hour. Value with an accuracy of 1 decimal place.	Mandatory
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced	Optional

Note: The decimal separator is a dot.

Example of query GetDamPriceE:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:pub="http://www.ote-
cr.cz/schema/service/public">
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetDamPriceE>
         <pub:StartDate>2025-01-01</pub:StartDate>
         <pub:EndDate>2025-01-01</pub:EndDate>
         <!--Optional:-->
         <pub:StartHour>1</pub:StartHour>
         <!--Optional:-->
         <pub:EndHour>3</pub:EndHour>
         <!--Optional:-->
         <pub:InEur>true</pub:InEur>
      </pub:GetDamPriceE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetDamPriceEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetDamPriceEResponse xmlns="http://www.ote-cr.cz/schema/service/public">
         <Result>
            <Item>
               <Date>2025-01-01</Date>
               <Hour>1</Hour>
               <Price>21.00</Price>
               <Volume>2935.0</Volume>
            </Item>
            <Item>
               <Date>2025-01-01</Date>
               <Hour>2</Hour>
               <Price>70.50</Price>
               <Volume>3465.7</Volume>
            </Item>
            <Item>
               <Date>2025-01-01</Date>
               <Hour>3</Hour>
               <Price>71.07</Price>
               <Volume>3521.0</Volume>
            </Item>
         </Result>
      </GetDamPriceEResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.2.3. GetDamPricePeriodE

The service provides marginal prices and traded volume **in 15min or 60min resolution** according to the selected resolution parameter and for the required period and delivery periods.

The service provides data from the delivery date 1.10.2025.

Query structure GetDamPricePeriodE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
PeriodResolution	String	Specification of the required resolution: • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
StartPeriod	Positive Whole Number	The starting period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case PeriodResolution= PT15M • 1 to 25, in case PeriodResolution= PT60M See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
EndPeriod	Positive Whole Number	The ending period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case PeriodResolution= PT15M	Optional

Element	Value	Note	Mandatory / Optional
		• 1 to 25, in case PeriodResolution= PT60M See chapter 1.4 Restriction of returned values when specifying an hour or period.	

Note: If the range of days of the specified period is greater than 31 days, then the response message will contain data only for 31 days starting from the StartDate.

Response structure GetDamPricePeriodEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
PeriodResolution	String	Delivery period resolution in which the data are provided (it corresponds to the requested resolution in the request): • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
PeriodIndex	Positive Whole Number	Period index of the relevant delivery day.	Mandatory
PeriodInterval	String	Period interval of the relevant delivery day in format: • HH24:MI-HH24:MI, in case PeriodResolution=PT15M • HH24-HH24, in case PeriodResolution=PT60M	Mandatory
Price	Decimal Number	Marginal price [EUR/MWh] in the given delivery period. Value with accuracy of 2 decimal places. Item is listed only in case of 15min data (PeriodResolution=PT15M).	Optional
HourlyPrice	Decimal Number	60min price [EUR/MWh] in the given delivery period. Value with accuracy of 2 decimal places.	Optional
VolumeTotal	Decimal Number	Total traded volume in CZ area [MWh] in the given delivery period. Value with an accuracy of 3 decimal places.	Optional
EmergencyState	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced.	Optional

Note: The decimal separator is a dot. In case the state of emergency was announced in the given period, price and quantity items are not included in the response.

Example of query GetDamPricePeriodE:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:pub="http://www.ote-
cr.cz/schema/service/public">
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetDamPricePeriodE>
         <pub:StartDate>2025-01-05</pub:StartDate>
         <pub:EndDate>2025-01-05</pub:EndDate>
         <pub:PeriodResolution>PT15M</pub:PeriodResolution>
         <!--Optional:-->
         <pub:StartPeriod>1</pub:StartPeriod>
         <!--Optional:-->
```

```
         <pub:EndPeriod>3</pub:EndPeriod>
      </pub:GetDamPricePeriodE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetDamPricePeriodEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetDamPricePeriodEResponse xmlns="http://www.ote-cr.cz/schema/service/public">
         <Result>
            <Item>
               <Date>2025-01-05</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>1</PeriodIndex>
               <PeriodInterval>00:00-00:15</PeriodInterval>
               <Price>113.39</Price>
               <HourlyPrice>112.73</HourlyPrice>
            </Item>
            <Item>
               <Date>2025-01-05</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>2</PeriodIndex>
               <PeriodInterval>00:15-00:30</PeriodInterval>
               <Price>111.55</Price>
               <HourlyPrice>112.73</HourlyPrice>
            </Item>
            <Item>
               <Date>2025-01-05</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>3</PeriodIndex>
               <PeriodInterval>00:30-00:45</PeriodInterval>
               <EmergencyState>1</EmergencyState>
            </Item>
         </Result>
      </GetDamPricePeriodEResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.2.4. GetDamAllE

The service provides the resulting marginal prices and traded volume, cross-border flow of the CZ-SK and realized imports / exports on DM in 60min resolution for requested period.

The service provides data up to the delivery date 30.9.2025.

Query structure – GetDamAllE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartHour	Positive Whole Number	Index of the starting hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional

Element	Value	Note	Mandatory / Optional
EndHour	Positive Whole Number	Index of the ending hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional
InEur	Boolean	If set (true), returns the price in EUR, otherwise in CZK. The price in CZK is converted according to the ČNB exchange rate.	Optional

Response structure – GetDamAllEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
Hour	Positive Whole Number	Hour index of the relevant delivery day	Mandatory
PriceCZ	Decimal Number	Marginal price in [CZK/MWh] or in [EUR/MWh] in CZ delivery area. Value with an accuracy of 2 decimal places.	Mandatory
VolumeCZ	Decimal Number	Total traded volume in the CZ area [MWh] in the given delivery hour. Value with an accuracy of 1 decimal place.	Mandatory
FlowCZSK	Decimal Number	Resulting flow [MWh] of the CZ-SK area interconnection in the given delivery hour. Value with an accuracy of 1 decimal place.	Mandatory
FlowSKCR	Decimal Number	Resulting flow [MWh] of the SK-CZ area interconnection in the given delivery hour. Value with an accuracy of 1 decimal place.	Mandatory
ImportCZ	Decimal Number	Total import in the CZ area in MWh. Value with an accuracy of 1 decimal place.	Mandatory
ExportCZ	Decimal Number	Total export in the CZ area in MWh. Value with an accuracy of 1 decimal place.	Mandatory
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced.	Optional

Note: The decimal separator is a dot.

Example of query GetDamAllE:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:pub="http://www.ote-
cr.cz/schema/service/public">
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetDamAllE>
         <pub:StartDate>2025-01-01</pub:StartDate>
         <pub:EndDate>2025-01-01</pub:EndDate>
         <!--Optional:-->
         <pub:StartHour>1</pub:StartHour>
         <!--Optional:-->
         <pub:EndHour>3</pub:EndHour>
         <!--Optional:-->
         <pub:InEur>true</pub:InEur>
```

```
      </pub:GetDamAllE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetDamAllEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetDamAllEResponse xmlns="http://www.ote-cr.cz/schema/service/public">
         <Result>
            <Item>
               <Date>2025-01-01</Date>
               <Hour>1</Hour>
               <PriceCZ>21.00</PriceCZ>
               <VolumeCZ>2935.0</VolumeCZ>
               <FlowCZSK>627.7</FlowCZSK>
               <FlowSKCR>0.0</FlowSKCR>
               <ImportCZ>-1560.8</ImportCZ>
               <ExportCZ>2840.5</ExportCZ>
            </Item>
            <Item>
               <Date>2025-01-01</Date>
               <Hour>2</Hour>
               <PriceCZ>70.50</PriceCZ>
               <VolumeCZ>3465.7</VolumeCZ>
               <FlowCZSK>766.5</FlowCZSK>
               <FlowSKCR>0.0</FlowSKCR>
               <ImportCZ>-1663.8</ImportCZ>
               <ExportCZ>3310.8</ExportCZ>
            </Item>
            <Item>
               <Date>2025-01-01</Date>
               <Hour>3</Hour>
               <PriceCZ>71.07</PriceCZ>
               <VolumeCZ>3521.0</VolumeCZ>
               <FlowCZSK>745.6</FlowCZSK>
               <FlowSKCR>0.0</FlowSKCR>
               <ImportCZ>-1813.0</ImportCZ>
               <ExportCZ>3390.0</ExportCZ>
            </Item>
         </Result>
      </GetDamAllEResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.2.5. GetDamAllPeriodE

The service provides the resulting marginal prices, traded volume and realized imports / exports on DM in 15 min or 60 min resolution according to the selected resolution parameter for requested period.

The service provides data from the delivery date 1.10.2025.

Query structure – GetDamAllPeriodE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory

Element	Value	Note	Mandatory / Optional
PeriodResolution	String	Specification of the required resolution: • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
StartPeriod	Positive Whole Number	The starting period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case PeriodResolution= PT15M • 1 to 25, in case PeriodResolution= PT60M See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
EndPeriod	Positive Whole Number	The ending period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case PeriodResolution= PT15M • 1 to 25, in case PeriodResolution= PT60M See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional

Note: If the range of days of the specified period is greater than 31 days, then the response message will contain data only for 31 days starting from the StartDate.

Response structure GetDamAllPeriodEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
PeriodResolution	String	Delivery period resolution in which the data are provided (it corresponds to the requested resolution in the request): • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
PeriodIndex	Positive Whole Number	Period index of the relevant delivery day.	Mandatory
PeriodInterval	String	• Period interval of the relevant delivery day in format: HH24:MI-HH24:MI, in case PeriodResolution=PT15M • HH24-HH24, in case PeriodResolution=PT60M	Mandatory
Price	Decimal Number	Marginal price [EUR/MWh] in the given delivery period. Value with accuracy of 2 decimal places. Item is listed only in case of 15min data (PeriodResolution=PT15M).	Optional
HourlyPrice	Decimal Number	60min price [EUR/MWh] in the given delivery period. Value with accuracy of 2 decimal places.	Optional
VolumeTotal	Decimal Number	Total traded volume in CZ area [MWh] in the given delivery period. Value with an accuracy of 3 decimal places.	Optional

Element	Value	Note	Mandatory / Optional
VolumeBuyQuarterly	Decimal Number	Matched volume in the CZ area of 15min buy orders (MWh) in the given delivery period. Value with an accuracy of 3 decimal places.	Optional
VolumeSellQuarterly	Decimal Number	Matched volume in the CZ area of 15min sell orders (MWh) in the given delivery period. Value with an accuracy of 3 decimal places.	Optional
VolumeBuyHourly	Decimal Number	Matched volume in the CZ area of 60min buy orders (MWh) in the given delivery period. Value with an accuracy of 3 decimal places.	Optional
VolumeSellHourly	Decimal Number	Matched volume in the CZ area of 60min sell orders (MWh) in the given delivery period. Value with an accuracy of 3 decimal places.	Optional
Import	Decimal Number	Total export in the CZ area in MWh. Value with an accuracy of 3 decimal places.	Mandatory
Export	Decimal Number	Total export in the CZ area in MWh. Value with an accuracy of 3 decimal places.	Mandatory
EmergencyState	Positive Whole Number	State of emergency flag. • Value:1 – An emergency has been announced	Optional

Note: The decimal separator is a dot. If a state of emergency was announced in a given period, price and quantity items (except for Import and Export) are not included in the response.

Example of query GetDamAllPeriodE:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:pub="http://www.ote-
cr.cz/schema/service/public">
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetDamAllPeriodE>
         <pub:StartDate>2025-01-05</pub:StartDate>
         <pub:EndDate>2025-01-05</pub:EndDate>
         <pub:PeriodResolution>PT15M</pub:PeriodResolution>
         <!--Optional:-->
         <pub:StartPeriod>1</pub:StartPeriod>
         <!--Optional:-->
         <pub:EndPeriod>3</pub:EndPeriod>
      </pub:GetDamAllPeriodE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetDamAllPeriodEResponse:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
   <soap:Body>
      <GetDamAllPeriodEResponse xmlns="http://www.ote-cr.cz/schema/service/public">
         <Result>
            <Item>
               <Date>2025-01-05</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>1</PeriodIndex>
               <PeriodInterval>00:00-00:15</PeriodInterval>
               <Price>113.39</Price>
               <HourlyPrice>112.73</HourlyPrice>
               <VolumeTotal>922.000</Volume>
               <VolumeBuyQuarterly>147.520</VolumeBuyQuarterly>
               <VolumeSellQuarterly>467.147</VolumeSellQuarterly>
               <VolumeBuyHourly>73.760</VolumeBuyHourly>
               <VolumeSellHourly>233.573</VolumeSellHourly>
```

```
            <Import>-180.825</Import>
            <Export>736.025</Export>
         </Item>
         <Item>
            <Date>2025-01-05</Date>
            <PeriodResolution>PT15M</PeriodResolution>
            <Period>2</Period>
            <PeriodInterval>00:15-00:30</PeriodInterval>
            <Price>111.55</Price>
            <HourlyPrice>112.73</HourlyPrice>
            <VolumeTotal>938.925</Volume>
            <VolumeBuyQuarterly>150.228</VolumeBuyQuarterly>
            <VolumeSellQuarterly>475.722</VolumeSellQuarterly>
            <VolumeBuyHourly>75.114</VolumeBuyHourly>
            <VolumeSellHourly>2373.861</VolumeSellHourly>
            <Import>-191.800</Import>
            <Export>773.125</Export>
         </Item>
         <Item>
            <Date>2025-01-05</Date>
            <PeriodResolution>PT15M</PeriodResolution>
            <Period>3</Period>
            <PeriodInterval>00:30-00:45</PeriodInterval>
            <Import>-90.123</Import>
            <Export>73.015</Export>
            <EmergencyState>1</EmergencyState>
         </Item>
      </Result>
   </GetDamAllPeriodEResponse>
</soap:Body>
</soap:Envelope>
```


1.3.2.6. GetDamFlowsPeriodE

The service provides the resulting cross-border flows in MW for all interconnections relevant to the CZ delivery area for requested period.

The service provides data from the delivery date 1.10.2025.

Query structure – GetDamFlowsPeriodE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartPeriod	Positive Whole Number	The starting period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case PeriodResolution= PT15M • 1 to 25, in case PeriodResolution= PT60M See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
EndPeriod	Positive Whole Number	The ending period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case PeriodResolution= PT15M • 1 to 25, in case PeriodResolution= PT60M	Optional

Element	Value	Note	Mandatory / Optional
		See chapter 1.4 Restriction of returned values when specifying an hour or period.	

Note: If the range of days of the specified period is greater than 31 days, then the response message will contain data only for 31 days starting from the StartDate.

Response structure – GetDamFlowsPeriodEResponse:

Element	Value	Note	Mandatory / Optional
Date	Positive Whole Number	Delivery day. Format YYYY-MM-DD.	Mandatory
PeriodResolution	String	Delivery period resolution in which the data are provided (it corresponds to the CZ delivery area resolution for given delivery day): • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
PeriodIndex	Positive Whole Number	Period index of the relevant delivery day.	Mandatory
PeriodInterval	String	Period interval of the relevant delivery day in format: • HH24:MI-HH24:MI, in case PeriodResolution=PT15M • HH24-HH24, in case PeriodResolution=PT60M	Mandatory
FlowCZAT	Decimal Number	The value of the resulting flow at the area level in the direction CZ -> AT in a given period in MW. Value with an accuracy of 1 decimal place.	Mandatory
FlowATCZ	Decimal Number	The value of the resulting flow at the area level in the direction AT -> CZ in a given period in MW. Value with an accuracy of 1 decimal place.	Mandatory
FlowCZPL	Decimal Number	The value of the resulting flow at the area level in the direction CZ -> PL in a given period in MW. Value with an accuracy of 1 decimal place.	Mandatory
FlowPLCZ	Decimal Number	The value of the resulting flow at the area level in the direction PL -> CZ in a given period in MW. Value with an accuracy of 1 decimal place.	Mandatory
FlowCZSK	Decimal Number	The value of the resulting flow at the area level in the direction CZ -> SK in a given period in MW. Value with an accuracy of 1 decimal place.	Mandatory
FlowSKCZ	Decimal Number	The value of the resulting flow at the area level in the direction SK -> CZ in a given period in MW. Value with an accuracy of 1 decimal place.	Mandatory
FlowCZDE	Decimal Number	The value of the resulting flow at the area level in the direction CZ -> DE in a given period in MW. Value with an accuracy of 1 decimal place.	Mandatory

Element	Value	Note	Mandatory / Optional
FlowDECZ	Decimal Number	The value of the resulting flow at the area level in the direction DE -> CZ in a given period in MW. Value with an accuracy of 1 decimal place.	Mandatory

Note: The decimal separator is a dot.

Example of query GetDamFlowsPeriodE:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:pub="http://www.ote-
cr.cz/schema/service/public">
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetDamFlowsPeriodE>
         <pub:StartDate>2025-01-05</pub:StartDate>
         <pub:EndDate>2025-01-05</pub:EndDate>
         <!--Optional:-->
         <pub:StartPeriod>1</pub:StartPeriod>
         <!--Optional:-->
         <pub:EndPeriod>1</pub:EndPeriod>
      </pub:GetDamFlowsPeriodE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of query GetDamFlowsPeriodEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetDamFlowsPeriodEResponse xmlns="http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2025-01-05</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>1</PeriodIndex>
               <PeriodInterval>00:00-00:15</PeriodInterval>
               <FlowCZAT>2060.5</FlowCZAT>
               <FlowATCZ>0.0</FlowATCZ>
               <FlowCZPL>0.0</FlowCZPL>
               <FlowPLCZ>511.0</FlowPLCZ>
               <FlowCZSK>518.6</FlowCZSK>
               <FlowSKCZ>0.0</FlowSKCZ>
               <FlowCZDE>0.0</FlowCZDE>
               <FlowDECZ>913.6</FlowDECZ>
            </Item>
         </Result>
      </GetDamFlowsPeriodEResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.3. Web services for Intraday Auctions

1.3.3.1. GetIDAIndexE

The service provides IDA indexes and valid ČNB exchange rate valid for the requested delivery period and auction.

Service provides data from the delivery day 14.6.2024.

Query structure – GetIDAIndexE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory

Response structure – GetIDAIndexEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory
EurRate	Decimal Number	ČNB exchange rate for the given delivery day. Value with an accuracy of 3 decimal places.	Mandatory
BaseLoad	Decimal Number	Index of trading within the BASE LOAD band [EUR/MWh]. Value with an accuracy of 2 decimal places.	Optional
PeakLoad	Decimal Number	Index of trading within the PEAK LOAD band [EUR/MWh]. Peak index is not defined for IDA3. Value with an accuracy of 2 decimal places.	Optional
OffpeakLoad	Decimal Number	Index of trading within the OFFPEAK LOAD band [EUR/MWh]. OffPeak index is not defined for IDA3. Value with an accuracy of 2 decimal places.	Optional
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced.	Optional

Note: The decimal separator is a dot.

Example of query GetIDAIndexE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetIDAIndexE>
         <pub:StartDate>2024-06-14</pub:StartDate>
         <pub:EndDate>2024-06-15</pub:EndDate>
         <pub:Auction>IDA1</pub:Auction>
      </pub:GetIDAIndexE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetIDAIndexEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetIDAIndexEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <IDAIndex>
               <Date>2024-06-14</Date>
               <Auction>IDA1</Auction>
               <EurRate>24.740</EurRate>
```

```
            <BaseLoad>0.00</BaseLoad>
            <PeakLoad>0.00</PeakLoad>
            <OffpeakLoad>0.00</OffpeakLoad>
         </IDAIndex>
         <IDAIndex>
            <Date>2024-06-15</Date>
            <Auction>IDA1</Auction>
            <EurRate>24.740</EurRate>
            <BaseLoad>6.15</BaseLoad>
            <PeakLoad>-20.55</PeakLoad>
            <OffpeakLoad>99.58</OffpeakLoad>
         </IDAIndex>
      </Result>
   </GetIDAIndexEResponse>
</soap:Body>
</soap:Envelope>
```


1.3.3.2. GetIDAPriceE

The service provides the resulting marginal prices and traded volume for requested delivery period and auction in 60min resolution.

Service provides data for delivery days from 14.6.2024 to 30.6.2024.

Query structure – GetIDAPriceE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartHour	Positive Whole Number	Index of the starting hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional
EndHour	Positive Whole Number	Index of the ending hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory
InEur	Boolean	If set (true), returns the price in EUR, otherwise in CZK. The price in CZK is converted according to the ČNB exchange rate.	Optional

Response structure – GetIDAPriceEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory
Hour	Positive Whole Number	Hour index of the relevant delivery day.	Mandatory

Element	Value	Note	Mandatory / Optional
Price	Decimal Number	Marginal price in [CZK/MWh] or in [EUR/MWh] in the given delivery hour. Value with an accuracy of 2 decimal places.	Mandatory
Volume	Decimal Number	Total traded volume in CZ area [MWh] in the given delivery hour. Value with an accuracy of 1 decimal place (3 decimal places are provided).	Mandatory
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced	Optional

Note: The decimal separator is a dot.

Example of query GetIDAPriceE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetIDAPriceE>
         <pub:StartDate>2024-06-18</pub:StartDate>
         <pub:EndDate>2024-06-18</pub:EndDate>
         <!--Optional:-->
         <pub:StartHour>1</pub:StartHour>
         <!--Optional:-->
         <pub:EndHour>3</pub:EndHour>
         <pub:Auction>IDA1</pub:Auction>
         <!--Optional:-->
         <pub:InEur>true</pub:InEur>
      </pub:GetIDAPriceE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetIDAPriceEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetIDAPriceEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2024-06-18</Date>
               <Auction>IDA1</Auction>
               <Hour>1</Hour>
               <Price>99.18</Price>
               <Volume>0.000</Volume>
            </Item>
            <Item>
               <Date>2024-06-18</Date>
               <Auction>IDA1</Auction>
               <Hour>2</Hour>
               <Price>90.00</Price>
               <Volume>1.500</Volume>
            </Item>
            <Item>
               <Date>2024-06-18</Date>
               <Auction>IDA1</Auction>
               <Hour>3</Hour>
               <Price>90.00</Price>
               <Volume>0.300</Volume>
            </Item>
         </Result>
      </GetIDAPriceEResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.3.3. GetIDAPricePeriodE

The service provides the resulting marginal prices and traded volume for requested delivery period and auction in 15/60min resolution (according to the period resolution for the required period).

Service provides data for delivery days from 14.6.2024.

Query structure – GetIDAPricePeriodE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartPeriod	Positive Whole Number	The starting period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case of the delivery day 15min smallest resolution • 1 to 25, in case of the delivery day 60min smallest resolution See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
EndPeriod	Positive Whole Number	The ending period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case of the delivery day 15min smallest resolution • 1 to 25, in case of the delivery day 60min smallest resolution See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory
InEur	Boolean	If set (true), returns the price in EUR, otherwise in CZK. The price in CZK is converted according to the ČNB exchange rate.	Optional

Response structure – GetIDAPricePeriodEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
PeriodResolution	String	Delivery period resolution in which the data are provided: • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
PeriodIndex	Positive Whole Number	The period index of the relevant delivery day. It can take values: • 1 to 100, in case PeriodResolution = PT15M • 1 to 25, in case PeriodResolution= PT60M	Mandatory

Element	Value	Note	Mandatory / Optional
PeriodInterval	String	The period interval of the relevant delivery day in the format: • HH24:MI-HH24:MI, in case PeriodResolution = PT15M • HH24-HH24, in case PeriodResolution = PT60M	Mandatory
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory
Price	Decimal Number	Marginal price in [CZK/MWh] or in [EUR/MWh] in the given delivery period. Value with an accuracy of 2 decimal places.	Mandatory
Volume	Decimal Number	Total traded volume in CZ area [MWh] in the given delivery period. Value with an accuracy of 1 decimal place.	Mandatory
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced	Optional

Note: The decimal separator is a dot.

Example of query GetIDAPricePeriodE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetIDAPricePeriodE>
         <pub:StartDate>2024-07-02</pub:StartDate>
         <pub:EndDate>2024-07-02</pub:EndDate>
         <!--Optional:-->
         <pub:StartPeriod>1</pub:StartPeriod>
         <!--Optional:-->
         <pub:EndPeriod>3</pub:EndPeriod>
         <pub:Auction>IDA1</pub:Auction>
         <!--Optional:-->
         <pub:InEur>true</pub:InEur>
      </pub:GetIDAPricePeriodE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetIDAPricePeriodEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetIDAPricePeriodEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2024-07-02</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>1</PeriodIndex>
               <PeriodInterval>00:00-00:15</PeriodInterval>
               <Auction>IDA1</Auction>
               <Price>115.56</Price>
               <Volume>2.6</Volume>
            </Item>
            <Item>
               <Date>2024-07-02</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>2</PeriodIndex>
               <PeriodInterval>00:15-00:30</PeriodInterval>
               <Auction>IDA1</Auction>
               <Price>40.00</Price>
               <Volume>1.9</Volume>
            </Item>
            <Item>
```

```
                <Date>2024-07-02</Date>
                <PeriodResolution>PT15M</PeriodResolution>
                <PeriodIndex>3</PeriodIndex>
                <PeriodInterval>00:30-00:45</PeriodInterval>
                <Auction>IDA1</Auction>
                <Price>41.00</Price>
                <Volume>2.2</Volume>
            </Item>
        </Result>
    </GetIDAPricePeriodEResponse>
  </soap:Body>
</soap:Envelope>
```


1.3.3.4. GetIDAAllE

The service provides the resulting marginal prices, traded volume and realized imports / exports including balance for requested delivery period and auction in 60min resolution.

Service provides data for delivery days from 14.6.2024 to 30.6.2024.

Input parameters:

Query structure – GetIDAAllE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartHour	Positive Whole Number	Index of the starting hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional
EndHour	Positive Whole Number	Index of the ending hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory
InEur	Boolean	If set (true), returns the price in EUR, otherwise in CZK. The price in CZK is converted according to the ČNB exchange rate.	Optional

Response structure – GetIDAAllEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery data. Format YYYY-MM-DD.	Mandatory
Hour	Positive Whole Number	Hour index of the relevant delivery day	Mandatory
PriceCZ	Decimal Number	Marginal price in [CZK/MWh] or in [EUR/MWh] in CZ delivery area. Value with an accuracy of 2 decimal places.	Mandatory

Element	Value	Note	Mandatory / Optional
VolumeCZ	Decimal Number	Total traded volume in the CZ area [MWh] in the given delivery hour. Value with an accuracy of 1 decimal place.	Mandatory
ImportCZ	Decimal Number	Total import in the CZ area in MW. Value with an accuracy of 1 decimal place.	Mandatory
ExportCZ	Decimal Number	Total export in the CZ area in MW. Value with an accuracy of 1 decimal place.	Mandatory
SaldoCZ	Decimal Number	Total balance in the CZ area in MW. Value with an accuracy of 1 decimal place.	Mandatory
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced	Optional

Note: The decimal separator is a dot.

Example of query GetIDAAllE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetIDAAllE>
         <pub:StartDate>2024-06-25</pub:StartDate>
         <pub:EndDate>2024-06-25</pub:EndDate>
         <!--Optional:-->
         <pub:StartHour>1</pub:StartHour>
         <!--Optional:-->
         <pub:EndHour>3</pub:EndHour>
         <pub:Auction>IDA1</pub:Auction>
         <!--Optional:-->
         <pub:InEur>true</pub:InEur>
      </pub:GetIDAAllE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetIDAAllEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetIDAAllEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2024-06-25</Date>
               <Hour>1</Hour>
               <PriceCZ>90.80</PriceCZ>
               <VolumeCZ>50.0</VolumeCZ>
               <ImportCZ>0.0</ImportCZ>
               <ExportCZ>49.9</ExportCZ>
               <SaldoCZ>49.9</SaldoCZ>
            </Item>
            <Item>
               <Date>2024-06-25</Date>
               <Hour>2</Hour>
               <PriceCZ>88.75</PriceCZ>
               <VolumeCZ>100.1</VolumeCZ>
               <ImportCZ>0.0</ImportCZ>
               <ExportCZ>100.1</ExportCZ>
               <SaldoCZ>100.1</SaldoCZ>
            </Item>
            <Item>
               <Date>2024-06-25</Date>
```

```
                <Hour>3</Hour>
                <PriceCZ>84.80</PriceCZ>
                <VolumeCZ>15.0</VolumeCZ>
                <ImportCZ>-15.0</ImportCZ>
                <ExportCZ>0.0</ExportCZ>
                <SaldoCZ>-15.0</SaldoCZ>
            </Item>
        </Result>
      </GetIDAAllEResponse>
   </soap:Body>
</soap:Envelope>
```


1.3.3.5. GetIDAAllPeriodE

The service provides the resulting marginal prices, traded volume and realized imports / exports including balance for requested delivery period and auction in 15/60min resolution (according to the delivery day resolution).

Service provides data from the delivery day 14.6.2024.

Query structure – GetIDAAllPeriodE:

Element	Value	Note	Mandatory / Optional
StartDate	Datum	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Datum	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartPeriod	Positive Whole Number	The starting period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case of the delivery day 15min smallest resolution • 1 to 25, in case of the delivery day 60min smallest resolution See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
EndPeriod	Positive Whole Number	The ending period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case of the delivery day 15min smallest resolution • 1 to 25, in case of the delivery day 60min smallest resolution See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory
InEur	Boolean	If set (true), returns the price in EUR, otherwise in CZK. The price in CZK is converted according to the ČNB exchange rate.	Optional

Response structure – GetIDAAllPeriodEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
PeriodResolution	String	Delivery period resolution in which the data are provided: • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
PeriodIndex	Positive Whole Number	The period index of the relevant delivery day. It can take values: • 1 to 100, in case PeriodResolution = PT15M • 1 to 25, in case PeriodResolution= PT60M	Mandatory
PeriodInterval	String	The period interval of the relevant delivery day in the format: • HH24:MI-HH24:MI, in case PeriodResolution = PT15M • HH24-HH24, in case PeriodResolution = PT60M	Mandatory
Auction	IDA1, IDA2, IDA3	IDA auction type.	Mandatory
PriceCZ	Decimal Number	Marginal price in [CZK/MWh] or in [EUR/MWh] in the given delivery period. Value with an accuracy of 2 decimal places.	Mandatory
VolumeCZ	Decimal Number	Total traded volume in CZ area [MWh] in the given delivery period. Value with an accuracy of 1 decimal place.	Mandatory
ImportCZ	Decimal Number	Total import in the CZ area in MWh. Value with an accuracy of 1 decimal place.	Mandatory
ExportCZ	Decimal Number	Total export in the CZ area in MWh. Value with an accuracy of 1 decimal place.	Mandatory
SaldoCZ	Decimal Number	Total balance in the CZ area in MWh. Value with an accuracy of 1 decimal place.	Mandatory
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced.	Optional

Note: The decimal separator is a dot.

Example of query GetIDAAllPeriodE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetIDAAllPeriodE>
         <pub:StartDate>2024-07-02</pub:StartDate>
         <pub:EndDate>2024-07-02</pub:EndDate>
         <!--Optional:-->
         <pub:StartPeriod>1</pub:StartPeriod>
         <!--Optional:-->
         <pub:EndPeriod>3</pub:EndPeriod>
         <pub:Auction>IDA1</pub:Auction>
         <!--Optional:-->
         <pub:InEur>true</pub:InEur>
      </pub:GetIDAAllPeriodE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetIDAAllPeriodEResponse:


```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetIDAAllPeriodEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2024-07-02</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>1</PeriodIndex>
               <PeriodInterval>00:00-00:15</PeriodInterval>
               <Auction>IDA1</Auction>
               <PriceCZ>115.56</PriceCZ>
               <VolumeCZ>2.6</VolumeCZ>
               <ImportCZ>-0.5</ImportCZ>
               <ExportCZ>0.2</ExportCZ>
               <SaldoCZ>-0.3</SaldoCZ>
            </Item>
            <Item>
               <Date>2024-07-02</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>2</PeriodIndex>
               <PeriodInterval>00:15-00:30</PeriodInterval>
               <Auction>IDA1</Auction>
               <PriceCZ>40.00</PriceCZ>
               <VolumeCZ>1.9</VolumeCZ>
               <ImportCZ>0.0</ImportCZ>
               <ExportCZ>1.7</ExportCZ>
               <SaldoCZ>1.7</SaldoCZ>
            </Item>
            <Item>
               <Date>2024-07-02</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>3</PeriodIndex>
               <PeriodInterval>00:30-00:45</PeriodInterval>
               <Auction>IDA1</Auction>
               <PriceCZ>41.00</PriceCZ>
               <VolumeCZ>2.2</VolumeCZ>
               <ImportCZ>0.0</ImportCZ>
               <ExportCZ>1.7</ExportCZ>
               <SaldoCZ>1.7</SaldoCZ>
            </Item>
         </Result>
      </GetIDAAllPeriodEResponse>
   </soap:Body>
</soap:Envelope>
```


1.3.4. Web services for Intraday Market – electricity

1.3.4.1. GetImPriceE

The service provides the traded volume and weighted average of prices for standard hourly contracts of electricity for requested delivery period (in the 60min resolution of the delivery day).

Service provides data up to delivery day 30.6.2024.

Query structure – GetImPriceE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory

Element	Value	Note	Mandatory / Optional
StartHour	Positive Whole Number	Index of the starting hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional
EndHour	Positive Whole Number	Index of the ending hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional

Response structure – GetImPriceEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
Hour	Positive Whole Number	Hour index of the relevant delivery day	Mandatory
Price	Decimal Number	Weighted average of IM prices in [EUR/MWh] in the given delivery hour. Value with an accuracy of 2 decimal places.	Mandatory
Volume	Decimal Number	Total traded volume on IM [MWh] in the given delivery hour. Value with an accuracy of 1 decimal place.	Mandatory
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced.	Optional

Note: The decimal separator is a dot.

Example of query GetImPriceE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetImPriceE>
         <pub:StartDate>2024-06-28</pub:StartDate>
         <pub:EndDate>2024-06-28</pub:EndDate>
         <!--Optional:-->
         <pub:StartHour>1</pub:StartHour>
         <!--Optional:-->
         <pub:EndHour>3</pub:EndHour>
      </pub:GetImPriceE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetImPriceEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetImPriceEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2024-06-28</Date>
               <Hour>1</Hour>
               <Price>101.79</Price>
               <Volume>481.8</Volume>
            </Item>
            <Item>
               <Date>2024-06-28</Date>
```

```
                <Hour>2</Hour>
                <Price>95.13</Price>
                <Volume>402.5</Volume>
             </Item>
             <Item>
                <Date>2024-06-28</Date>
                <Hour>3</Hour>
                <Price>97.30</Price>
                <Volume>272.5</Volume>
             </Item>
          </Result>
       </GetImPriceEResponse>
    </soap:Body>
</soap:Envelope>
```


1.3.4.2. GetImPricePeriodE

The service provides the traded volume and weighted average of prices for standard hourly and 15min contracts of electricity for requested delivery period (in the finest resolution of the contracts available for given delivery day).

Query structure – GetImPricePeriodE:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartPeriod	Positive Whole Number	The starting period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case of the delivery day 15min smallest resolution • 1 to 25, in case of the delivery day 60min smallest resolution See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
EndPeriod	Positive Whole Number	The ending period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case of the delivery day 15min smallest resolution • 1 to 25, in case of the delivery day 60min smallest resolution See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional

Response structure – GetImPricePeriodEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory

Element	Value	Note	Mandatory / Optional
PeriodResolution	String	Delivery period resolution in which the data are provided (it corresponds to the finest resolution of contracts available for the given delivery day): • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
PeriodIndex	Positive Whole Number	The period index of the relevant delivery day. It can take values: • 1 to 100, in case PeriodResolution = PT15M • 1 to 25, in case PeriodResolution= PT60M	Mandatory
Price	Decimal Number	Weighted average of IM prices in [EUR/MWh] in the given delivery period. Value with an accuracy of 2 decimal places.	Mandatory
Volume	Decimal Number	Total traded volume on IM [MWh] in the given delivery period. Value with an accuracy of 3 decimal places.	Mandatory
Emerg	Positive Whole Number	State of emergency flag. • Value:1 – An emergency state has been announced.	Optional

Note: The decimal separator is a dot.

Example of query GetImPricePeriodE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetImPricePeriodE>
         <pub:StartDate>2024-07-01</pub:StartDate>
         <pub:EndDate>2024-07-01</pub:EndDate>
         <!--Optional:-->
         <pub:StartPeriod>1</pub:StartPeriod>
         <!--Optional:-->
         <pub:EndPeriod>3</pub:EndPeriod>
      </pub:GetImPricePeriodE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetImPricePeriodEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetImPricePeriodEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2024-07-01</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>1</PeriodIndex>
               <Price>95.30</Price>
               <Volume>62.221</Volume>
            </Item>
            <Item>
               <Date>2024-07-01</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>2</PeriodIndex>
               <Price>94.56</Price>
               <Volume>86.621</Volume>
            </Item>
            <Item>
               <Date>2024-07-01</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>3</PeriodIndex>
```

```
                <Price>87.35</Price>
                <Volume>73.121</Volume>
            </Item>
        </Result>
    </GetImPricePeriodEResponse>
  </soap:Body>
</soap:Envelope>
```

1.3.5. Web services for Imbalances – electricity

1.3.5.1. GetImbalanceSettlementE

The service provides hourly results of imbalance settlement with electricity for the requested delivery period and settlement version.

Service provides data up to delivery day 30.6.2024.

Query structure – GetImbalanceSettlementE:

Element	Value	Note	Mandatory / Optional
Version	Positive Whole Number	Settlement version: • 0 – Daily settlement of imbalance • 1 – Monthly settlement of imbalance • 2 – Final monthly settlement of imbalance	Mandatory
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartHour	Positive Whole Number	Index of the starting hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional
EndHour	Positive Whole Number	Index of the ending hour period of the range of hour periods of the given delivery day for which the data are requested. It can take values from 1 to 25. (see chapter 1.4.1 Services with an hourly input).	Optional

Response structure – GetImbalanceSettlementEResponse:

Element	Value	Note	Mandatory / Optional
Version	Positive Whole Number	Settlement version: • 0 – Daily settlement of imbalance • 1 – Monthly settlement of imbalance • 2 – Final monthly settlement of imbalance	Mandatory
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
Hour	Positive Whole Number	Hour index of the relevant delivery day	Mandatory

Element	Value	Note	Mandatory / Optional
SystemImbalance	Decimal Number	System imbalance [MWh]. Value with an accuracy of 3 decimal places.	Mandatory
Sum	Decimal Number	Sum of absolute imbalances [MWh]. Value with an accuracy of 3 decimal places.	Mandatory
PositiveImbalance	Decimal Number	Positive imbalance [MWh]. Value with an accuracy of 3 decimal places.	Mandatory
NegativeImbalance	Decimal Number	Negative imbalance [MWh]. Value with an accuracy of 3 decimal places.	Mandatory
RoundedImbalance	Decimal Number	Rounding of imbalances [MWh]. Value with an accuracy of 3 decimal places.	Mandatory
ReCost	Decimal Number	Cost for BE [CZK]. Value with an accuracy of 2 decimal places.	Mandatory
ImbalanceCost	Decimal Number	Cost of imbalance [CZK]. Value with an accuracy of 2 decimal places.	Mandatory
SettlImbalancePrice	Decimal Number	Settlement price of imbalance [CZK/MWh]. Value with an accuracy of 2 decimal places.	Mandatory
SettlCounterImbal-ancePrice	Decimal Number	Settlement price of anti-imbalance [CZK/MWh]. Value with an accuracy of 2 decimal places.	Mandatory
Emerg	Decimal Number	State of emergency flag. • Value:1 – An emergency state has been announced	Optional
PriceWARE	Decimal Number	Price according to the weight average of BE costs [CZK/MWh]. Value with an accuracy of 2 decimal places.	Optional
PriceRE	Decimal Number	Price according to the delivered BE against SI direction [CZK/MWh]. Value with an accuracy of 2 decimal places.	Optional
PriceWAIM	Decimal Number	Price according to the weight average of IM trade prices [CZK/MWh]. Value with an accuracy of 2 decimal places.	Optional
PriceCurve	Decimal Number	Price according to the curve (basic SI guideline) [CZK/MWh]. Value with an accuracy of 2 decimal places.	Optional

Note: The decimal separator is a dot.

Example of query GetImbalanceSettlementE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetImbalanceSettlementE>
         <pub:Version>0</pub:Version>
         <pub:StartDate>2024-06-30</pub:StartDate>
         <pub:EndDate>2024-07-30</pub:EndDate>
         <!--Optional:-->
```

```
         <pub:StartHour>1</pub:StartHour>
         <!--Optional:-->
         <pub:EndHour>2</pub:EndHour>
      </pub:GetImbalanceSettlementE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetImbalanceSettlementEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetImbalanceSettlementEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Version>0</Version>
               <Date>2024-06-30</Date>
               <Hour>1</Hour>
               <SystemImbalance>-63.074</SystemImbalance>
               <Sum>168.196</Sum>
               <PositiveImbalance>52.561</PositiveImbalance>
               <NegativeImbalance>-115.635</NegativeImbalance>
               <RoundedImbalance>-0.121</RoundedImbalance>
               <ReCost>549396.010</ReCost>
               <ImbalanceCost>-860601.350</ImbalanceCost>
               <SettlImbalancePrice>10261.780</SettlImbalancePrice>
               <SettlCounterImbalancePrice>6202.690</SettlCounterImbalancePrice>
               <PriceWARE>7570.50</PriceWARE>
               <PriceRE>9914.88</PriceRE>
               <PriceWAIM>2029.12</PriceWAIM>
               <PriceCurve>10261.78</PriceCurve>
            </Item>
            <Item>
               <Version>0</Version>
               <Date>2024-06-30</Date>
               <Hour>2</Hour>
               <SystemImbalance>-98.892</SystemImbalance>
               <Sum>194.160</Sum>
               <PositiveImbalance>47.634</PositiveImbalance>
               <NegativeImbalance>-146.526</NegativeImbalance>
               <RoundedImbalance>-0.121</RoundedImbalance>
               <ReCost>262301.830</ReCost>
               <ImbalanceCost>-1009678.760</ImbalanceCost>
               <SettlImbalancePrice>7793.340</SettlImbalancePrice>
               <SettlCounterImbalancePrice>2776.340</SettlCounterImbalancePrice>
               <PriceWARE>2692.69</PriceWARE>
               <PriceRE>7249.44</PriceRE>
               <PriceWAIM>1725.96</PriceWAIM>
               <PriceCurve>7793.34</PriceCurve>
            </Item>
         </Result>
      </GetImbalanceSettlementEResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.5.2. GetImbalanceSettlementPeriodE

The service provides results of imbalance settlement with electricity for the requested delivery period and settlement version **in 15/60min resolution** (according to the settlement period resolution of the given delivery day).

Query structure – GetImbalanceSettlementPeriodE:

Element	Value	Note	Mandatory / Optional
Version	Positive Whole Number	Settlement version: • 0 – Daily settlement of imbalance • 1 – Monthly settlement of imbalance • 2 – Final monthly settlement of imbalance	Mandatory
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory
StartPeriod	Positive Whole Number	The starting period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case of the delivery day 15min smallest resolution • 1 to 25, in case of the delivery day 60min smallest resolution See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional
EndPeriod	Positive Whole Number	The ending period index of the range of delivery periods of the given resolution and the given delivery day for which the data is required. It can take the following values: • 1 to 100 in case of the delivery day 15min smallest resolution • 1 to 25, in case of the delivery day 60min smallest resolution See chapter 1.4 Restriction of returned values when specifying an hour or period.	Optional

Response structure – GetImbalanceSettlementPeriodEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Delivery day. Format YYYY-MM-DD.	Mandatory
PeriodResolution	String	Delivery period resolution in which the data are provided (it corresponds to the settlement period of the given delivery day): • PT15M – 15min resolution • PT60M – 60min resolution	Mandatory
PeriodIndex	Positive Whole Number	The period index of the relevant delivery day. It can take values: • 1 to 100, in case PeriodResolution = PT15M • 1 to 25, in case PeriodResolution= PT60M	Mandatory
SystemImbalance	Decimal Number	System imbalance [MWh]. Value with an accuracy of 5 decimal places.	Mandatory

Element	Value	Note	Mandatory / Optional
Sum	Decimal Number	Sum of absolute imbalances [MWh]. Value with an accuracy of 5 decimal places.	Mandatory
PositiveImbalance	Decimal Number	Positive imbalance [MWh]. Value with an accuracy of 5 decimal places.	Mandatory
NegativeImbalance	Decimal Number	Negative imbalance [MWh]. Value with an accuracy of 5 decimal places.	Mandatory
RoundedImbalance	Decimal Number	Rounding of imbalances [MWh]. Value with an accuracy of 5 decimal places.	Mandatory
ReCost	Decimal Number	Cost for BE [CZK]. Value with an accuracy of 2 decimal places.	Mandatory
ImbalanceCost	Decimal Number	Cost of imbalance [CZK]. Value with an accuracy of 2 decimal places.	Mandatory
SettlImbalancePrice	Decimal Number	Settlement price of imbalance [CZK/MWh]. Value with an accuracy of 2 decimal places.	Mandatory
SettlCounterImbal-ancePrice	Decimal Number	Settlement price of anti-imbalance [CZK/MWh]. Value with an accuracy of 2 decimal places.	Mandatory
Emerg	Decimal Number	State of emergency flag. • Value:1 – An emergency state has been announced.	Optional
PriceWARE	Decimal Number	Price according to the weight average of BE costs [CZK/MWh]. Value with an accuracy of 2 decimal places.	Optional
PriceRE	Decimal Number	Price according to the delivered BE against SI direction [CZK/MWh]. Value with an accuracy of 2 decimal places.	Optional
PriceWAIM	Decimal Number	Price according to the weight average of IM trade prices [CZK/MWh]. Value with an accuracy of 2 decimal places.	Optional
PriceCurve	Decimal Number	Price according to the curve (basic SI guideline) [CZK/MWh]. Value with an accuracy of 2 decimal places.	Optional

Note: The decimal separator is a dot.

Example of query GetImbalanceSettlementPeriodE:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetImbalanceSettlementPeriodE>
         <pub:Version>0</pub:Version>
         <pub:StartDate>2024-08-08</pub:StartDate>
         <pub:EndDate>2024-08-08</pub:EndDate>
         <!--Optional:-->
         <pub:StartPeriod>1</pub:StartPeriod>
         <!--Optional:-->
         <pub:EndPeriod>2</pub:EndPeriod>
```

```
      </pub:GetImbalanceSettlementPeriodE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetImbalanceSettlementPeriodEResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetImbalanceSettlementPeriodEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Version>0</Version>
               <Date>2024-08-08</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>1</PeriodIndex>
               <SystemImbalance>-51.48865</SystemImbalance>
               <Sum>98.43749</Sum>
               <PositiveImbalance>23.47442</PositiveImbalance>
               <NegativeImbalance>-74.96307</NegativeImbalance>
               <RoundedImbalance>-0.00035</RoundedImbalance>
               <ReCost>1730404.910</ReCost>
               <ImbalanceCost>-1730404.800</ImbalanceCost>
               <SettlImbalancePrice>33607.500</SettlImbalancePrice>
               <SettlCounterImbalancePrice>33607.500</SettlCounterImbalancePrice>
               <PriceWARE>33607.50</PriceWARE>
               <PriceRE>38025.29</PriceRE>
               <PriceWAIM>2933.13</PriceWAIM>
               <PriceCurve>38308.47</PriceCurve>
            </Item>
            <Item>
               <Version>0</Version>
               <Date>2024-08-08</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>2</PeriodIndex>
               <SystemImbalance>6.60323</SystemImbalance>
               <Sum>27.78885</Sum>
               <PositiveImbalance>17.19604</PositiveImbalance>
               <NegativeImbalance>-10.59281</NegativeImbalance>
               <RoundedImbalance>-0.00023</RoundedImbalance>
               <ReCost>-14118.690</ReCost>
               <ImbalanceCost>17294.260</ImbalanceCost>
               <SettlImbalancePrice>2619.060</SettlImbalancePrice>
               <SettlCounterImbalancePrice>2619.060</SettlCounterImbalancePrice>
               <PriceWARE>2138.14</PriceWARE>
               <PriceRE>3224.45</PriceRE>
               <PriceWAIM>2619.06</PriceWAIM>
               <PriceCurve>3201.33</PriceCurve>
            </Item>
         </Result>
      </GetImbalanceSettlementPeriodEResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.6. Web services for Intraday Market – gas

1.3.6.1. GetImPriceG

The service provides the traded volume and weighted average of prices on Intraday Market with gas for the requested delivery period, including min/max price and OTE index.

Query structure – GetImPriceG:

Element	Value	Note	Mandatory / Optional
StartDate	Date	The starting day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory

Element	Value	Note	Mandatory / Optional
EndDate	Date	The ending day of the delivery period for which the data are requested. Format YYYY-MM-DD.	Mandatory

Response structure – GetImPriceEResponse:

Element	Value	Note	Mandatory / Optional
Date	Date	Gas delivery day. Format YYYY-MM-DD.	Mandatory
Price	Decimal Number	Weight average of price on IM with gas in [EUR/MWh]. Value with an accuracy of 2 decimal places.	Mandatory
Volume	Decimal Number	Total traded volume on IM with gas in [MWh]. Value with an accuracy of 1 decimal places.	Mandatory
MinPrice	Decimal Number	Minimum price on IM with gas in [EUR/MWh]. Value with an accuracy of 2 decimal places.	Mandatory
MaxPrice	Decimal Number	Maximum price on IM with gas in [EUR/MWh]. Value with an accuracy of 2 decimal places.	Mandatory
IndexOTE	Decimal Number	OTE index on IM with gas in [EUR/MWh]. Value with an accuracy of 3 decimal places.	Mandatory

Example of query GetImPriceG:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetImPriceG>
         <pub:StartDate>2024-07-18</pub:StartDate>
         <pub:EndDate>2024-07-18</pub:EndDate>
      </pub:GetImPriceG>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response GetImPriceGResponse:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetImPriceGResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2024-07-18</Date>
               <Price>34.84</Price>
               <Volume>21003.5</Volume>
               <MinPrice>34.35</MinPrice>
               <MaxPrice>35.18</MaxPrice>
               <IndexOte>34.838</IndexOte>
            </Item>
         </Result>
      </GetImPriceGResponse>
   </soap:Body>
</soap:Envelope>
```

1.3.7. Web services for Imbalances – gas

1.3.7.1. GetImbalanceNCBALSettlementG

Returns results of imbalance settlement NCBal – gas – for given period.

Input parameters:

- Version – settlement version (daily – 0, monthly – 1, final monthly – 2).
- StartDate – date from
- EndDate – date to

Output structure with elements:

- Date – date according to W3C (http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html#date)
- Version – settlement version (daily – 0, monthly – 1, final monthly – 2).
- SystemImbalance – System Imbalance [MWh]
- PositiveImbalance – Positive Imbalance [MWh]
- NegativeImbalance – Negative Imbalance [MWh]
- TransferTsDs – Flow from PS to DS [MWh]
- CnbRate – ČNB exchange rate [Kč/EUR]
- IndexOTE [EUR/MWh]
- PositiveImbalancePriceCZK (CZK/MWh) – Applicable price for positive imbalance quantity (Kč/MWh)
- NegativeImbalancePriceCZK (CZK/MWh) – Applicable price for negative imbalance quantity (Kč/MWh)
- PositiveImbalancePriceEUR (EUR/MWh) – Applicable price for positive imbalance quantity (EUR/MWh)
- NegativeImbalancePriceEUR (EUR/MWh) – Applicable price for negative imbalance quantity (EUR/MWh)
- MonthBalancingGasPrice (CZK) – Month balancing gas price (CZK)

Example – Input request:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetImbalanceNCBALSettlementG>
         <pub:Version>0</pub:Version>
         <pub:StartDate>2016-07-01</pub:StartDate>
         <pub:EndDate>2016-07-01</pub:EndDate>
      </pub:GetImbalanceNCBALSettlementG>
   </soapenv:Body>
</soapenv:Envelope>
```

Example – Output:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
```

```
      <GetImbalanceNCBALSettlementGResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2016-07-01</Date>
               <Version>0</Version>
               <SystemImbalance>-13932.541</SystemImbalance>
               <PositiveImbalance>3179.884</PositiveImbalance>
               <NegativeImbalance>-17112.762</NegativeImbalance>
               <TransferTsDs>0.0</TransferTsDs>
               <CnbRate>27.025</CnbRate>
               <IndexOTE>11.55</IndexOTE>
               <PositiveImbalancePriceCZK>305.896</PositiveImbalancePriceCZK>
               <NegativeImbalancePriceCZK>316.63</NegativeImbalancePriceCZK>
               <PositiveImbalancePriceEUR>11.319</PositiveImbalancePriceEUR>
               <NegativeImbalancePriceEUR>11.716</NegativeImbalancePriceEUR>
<MonthBalancingGasPrice>234.567</MonthBalancingGasPrice>            </Item>
         </Result>
      </GetImbalanceNCBALSettlementGResponse>
   </soap:Body>
</soap:Envelope>
```

1.4 Restriction of returned values when specifying an hour or period

1.4.1 Services with an hourly input

Some of the services allow to optionally specify the lower and upper bounds of the hours range together for all days returned in the response. In the request, the StartHour and EndHour elements are used for this. They can take values from 1 to 25. If the StartHour item is not specified, this corresponds to the state when StartHour=1. If the EndHour item is not specified or its value is higher than the number of hour periods of the given delivery day, the index of the end hour period corresponds to the last hour period of the given delivery day. If these elements are not specified in the request, the response contains all values in all hours of the given day. So, this is the equivalent of a request containing a StartHour with a value of 1 and an EndHour with a value of 25. If there are no values for a given hour, that hour is not included in the response. The goal is to enable the return of values for a given hour or range of hours. If EndHour < StartHour, then the query results in an empty set.

When the time changes from winter to summer, i.e. it is a day with only 23 hours, EndHour with the value 23, 24 and 25 can be specified in the request. The service always returns only values for 23 hours. Conversely, when the time changes from summer to winter, i.e. it is a day with 25 hours, it is necessary to specify EndHour with the value 25 in the request or not to specify this element in the request at all, if all values are required to be returned.

Example - Input request for 1st hour data:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetDamPriceE>
         <pub:StartDate>2024-03-30</pub:StartDate>
         <pub:EndDate>2024-03-31</pub:EndDate>
         <pub:StartHour>1</pub:StartHour>
         <pub:EndHour>1</pub:EndHour>
      </pub:GetDamPriceE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example of response:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetDamPriceEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
```

```
            <Date>2024-03-30</Date>
            <Hour>1</Hour>
            <Price>1753.64</Price>
            <Volume>2210.6</Volume>
         </Item>
         <Item>
            <Date>2024-03-31</Date>
            <Hour>1</Hour>
            <Price>1660.77</Price>
            <Volume>2363.8</Volume>
         </Item>
      </Result>
   </GetDamPriceEResponse>
</soap:Body>
</soap:Envelope>
```

1.4.2 Services with a period input

It is an analogy of services with the entry of hours, when the values in the answer can be limited to the desired period or range of periods. The optional elements StartPeriod and EndPeriod are intended for this within some of the services, taking on values from 1 to 96. In the transition to summer time, the range is 1 to 92, and to winter time, the range is 1 to 100.

Example – Input request for period 2 and 3:

```
<soapenv:Envelope xmlns:soapenv=„http://schemas.xmlsoap.org/soap/envelope/“ xmlns:pub=„http://www.ote-
cr.cz/schema/service/public“>
   <soapenv:Header/>
   <soapenv:Body>
      <pub:GetIDAPricePeriodE>
         <pub:StartDate>2024-07-01</pub:StartDate>
         <pub:EndDate>2024-07-01</pub:EndDate>
         <pub:StartPeriod>2</pub:StartPeriod>
         <pub:EndPeriod>3</pub:EndPeriod>
         <pub:Auction>IDA1</pub:Auction>
         <pub:InEur>True</pub:InEur>
      </pub:GetIDAPricePeriodE>
   </soapenv:Body>
</soapenv:Envelope>
```

Example – Output:

```
<soap:Envelope xmlns:soap=„http://schemas.xmlsoap.org/soap/envelope/“>
   <soap:Body>
      <GetIDAPricePeriodEResponse xmlns=„http://www.ote-cr.cz/schema/service/public“>
         <Result>
            <Item>
               <Date>2024-07-01</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>2</PeriodIndex>
               <PeriodInterval>00:15-00:30</PeriodInterval>
               <Auction>IDA1</Auction>
               <Price>-114.56</Price>
               <Volume>0.8</Volume>
            </Item>
            <Item>
               <Date>2024-07-01</Date>
               <PeriodResolution>PT15M</PeriodResolution>
               <PeriodIndex>3</PeriodIndex>
               <PeriodInterval>00:30-00:45</PeriodInterval>
               <Auction>IDA1</Auction>
               <Price>41.00</Price>
               <Volume>1.6</Volume>
            </Item>
         </Result>
      </GetIDAPricePeriodEResponse>
   </soap:Body>
</soap:Envelope>
```