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| **2.0****Plán projektu****B****SRO.PS8066:220.1****STATUS - Sběr,zpracování a uchování údajů z komerčních bank****Plán projektu** **©****© 1997 Logica s.r.o.****0****0****Project Plan Cortex Output Description template Version 1.0.****2****2****10.2.1997** |

User manual

Of information System

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**User manual**

**for external users of OTE public web – web services**

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| Datum | Popis změny |
| 4.8.2010 | Popis změn po redesign webových služeb |
| 7.9.2010 | Verze k OTE připomínkám |
| 29.9.2010 | Finalizace OTE připomínek |
| 2.12.2010 | Aktualizace pro CR78 |
| 8.5.2012 | Aktualizace pro CR160 |
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# Web services

Web services allows automatic access to some data that are published on our web site ([www.ote-cr.cz](http://www.ote-cr.cz)) The technology is wide-spread and has an implementation in many programming languages. For its use is necessary to have a program that will process, store and display to user.

Current implementation uses Python app.server Zope with SOAP library [SOAPpy](http://pywebsvcs.sourceforge.net/) [0.11.6](http://sourceforge.net/project/showfiles.php?group_id=26590&package_id=18246&release_id=267176) with server extenstion [SOAPSupport](http://zope.org/Members/Dirk.Datzert/SOAPSuppport) [0.7.2](http://www.zope.org/Members/Dirk.Datzert/SOAPSuppport/SOAPSupport-0.7.2/SOAPSupport-0.7.2.tar.gz).

## Compatibility

Services on current public web got through upgrade. Compatibility with previous client version (OTE Win client version 1.1.2.0 and OTE WWW services version 1.1.2.0) are not supported yet.

## WSDL

Service is available at <http://www.ote-cr.cz/services/PublicDataService>. WSDL is avalible at same link by sending HTTP GET request, or at <http://www.ote-cr.cz/services/PublicDataService/wsdl>

WSDL Extract:

<?xml version="1.0" encoding="utf-8"?>

<wsdl:definitions xmlns:http="http://schemas.xmlsoap.org/wsdl/http/" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/" xmlns:tns="http://www.ote-cr.cz/schema/service/public" xmlns:tm="http://microsoft.com/wsdl/mime/textMatching/" xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/" targetNamespace="http://www.ote-cr.cz/schema/service/public" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">

<wsdl:types>

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<xs:element name="ExcessiveBalancingGasPrice" type="xs:decimal" />

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<wsdl:part name="parameters" element="tns:GetRutList" />

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<wsdl:message name="GetRutListSoapOut">

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</wsdl:message>

<wsdl:message name="GetDamIndexESoapIn">

<wsdl:part name="parameters" element="tns:GetDamIndexE" />

</wsdl:message>

<wsdl:message name="GetDamIndexESoapOut">

<wsdl:part name="parameters" element="tns:GetDamIndexEResponse" />

</wsdl:message>

<wsdl:message name="GetDamPriceESoapIn">

<wsdl:part name="parameters" element="tns:GetDamPriceE" />

</wsdl:message>

<wsdl:message name="GetDamAllESoapOut">

<wsdl:part name="parameters" element="tns:GetDamAllEResponse" />

</wsdl:message>

<wsdl:message name="GetDamAllESoapIn">

<wsdl:part name="parameters" element="tns:GetDamAllE" />

</wsdl:message>

<wsdl:message name="GetDamPriceESoapOut">

<wsdl:part name="parameters" element="tns:GetDamPriceEResponse" />

</wsdl:message>

<wsdl:message name="GetBmPriceESoapIn">

<wsdl:part name="parameters" element="tns:GetBmPriceE" />

</wsdl:message>

<wsdl:message name="GetBmPriceESoapOut">

<wsdl:part name="parameters" element="tns:GetBmPriceEResponse" />

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<wsdl:message name="GetImPriceESoapIn">

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<wsdl:part name="parameters" element="tns:GetImPriceEResponse" />

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<wsdl:message name="GetImbalanceSettlementESoapIn">

<wsdl:part name="parameters" element="tns:GetImbalanceSettlementE" />

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<wsdl:part name="parameters" element="tns:GetImbalanceSettlementEResponse" />

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<wsdl:message name="GetDamPriceGSoapIn">

<wsdl:part name="parameters" element="tns:GetDamPriceG" />

</wsdl:message>

<wsdl:message name="GetDamPriceGSoapOut">

<wsdl:part name="parameters" element="tns:GetDamPriceGResponse" />

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<wsdl:message name="GetImPriceGSoapIn">

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<wsdl:message name="GetImPriceGSoapOut">

<wsdl:part name="parameters" element="tns:GetImPriceGResponse" />

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<wsdl:message name="GetImbalanceSettlementGSoapIn">

<wsdl:part name="parameters" element="tns:GetImbalanceSettlementG" />

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<wsdl:operation name="GetRutList">

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<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací indexy krátkodobého obchodu za elektřinu pro zadané období</documentation>

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</wsdl:operation>

<wsdl:operation name="GetDamPriceE">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací hodnotu energie a cenu v EUR po hodnách z denního trhu s elektřinou pro zadané období</documentation>

<wsdl:input message="tns:GetDamPriceESoapIn" />

<wsdl:output message="tns:GetDamPriceESoapOut" />

</wsdl:operation>

<wsdl:operation name="GetDamAllE">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací výsledky společného denního trhu CR a SR</documentation>

<wsdl:input message="tns:GetDamAllESoapIn" />

<wsdl:output message="tns:GetDamAllESoapOut" />

</wsdl:operation>

<wsdl:operation name="GetBmPriceE">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací ceny a množství z krátkodobého trhu za elektřinu pro zadané období</documentation>

<wsdl:input message="tns:GetBmPriceESoapIn" />

<wsdl:output message="tns:GetBmPriceESoapOut" />

</wsdl:operation>

<wsdl:operation name="GetImPriceE">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací ceny a množství za vnitrodenní obchody s elektřinou pro zadané období</documentation>

<wsdl:input message="tns:GetImPriceESoapIn" />

<wsdl:output message="tns:GetImPriceESoapOut" />

</wsdl:operation>

<wsdl:operation name="GetImbalanceSettlementE">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací výsledky zúčtování odchylek za elektřinu pro zadané období</documentation>

<wsdl:input message="tns:GetImbalanceSettlementESoapIn" />

<wsdl:output message="tns:GetImbalanceSettlementESoapOut" />

</wsdl:operation>

<wsdl:operation name="GetDamPriceG">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací ceny a množství denního tru s plynem pro zadané období</documentation>

<wsdl:input message="tns:GetDamPriceGSoapIn" />

<wsdl:output message="tns:GetDamPriceGSoapOut" />

</wsdl:operation>

<wsdl:operation name="GetImPriceG">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací ceny a množství vnitrodenního tru s plynem pro zadané období</documentation>

<wsdl:input message="tns:GetImPriceGSoapIn" />

<wsdl:output message="tns:GetImPriceGSoapOut" />

</wsdl:operation>

<wsdl:operation name="GetImbalanceSettlementG">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Vrací výsledky zúčtování odchylek za plyn a pro zadané období</documentation>

<wsdl:input message="tns:GetImbalanceSettlementGSoapIn" />

<wsdl:output message="tns:GetImbalanceSettlementGSoapOut" />

</wsdl:operation>

</wsdl:portType>

<wsdl:binding name="PublicDataServiceSoap" type="tns:PublicDataServiceSoap">

<soap:binding transport="http://schemas.xmlsoap.org/soap/http" style="document" />

<wsdl:operation name="GetRutList">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetRutList" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetDamIndexE">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetDamIndexE" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetDamPriceE">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetDamPriceE" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetDamAllE">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetDamAllE" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetBmPriceE">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetBmPriceE" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetImbalanceSettlementE">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetImbalanceSettlementE" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetImPriceE">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetImPriceE" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetDamPriceG">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetDamPriceG" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetImPriceG">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetImPriceG" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetImbalanceSettlementG">

<soap:operation soapAction="http://www.ote-cr.cz/schema/service/public/GetImbalanceSettlementG" style="document" />

<wsdl:input>

<soap:body use="literal" />

</wsdl:input>

<wsdl:output>

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

</wsdl:binding>

<wsdl:service name="PublicDataService">

<documentation xmlns="http://schemas.xmlsoap.org/wsdl/" />

<wsdl:port name="PublicDataServiceSoap" binding="tns:PublicDataServiceSoap">

<soap:address location="http://www.ote-cr.cz/services/PublicDataService" />

</wsdl:port>

</wsdl:service>

</wsdl:definitions>

## Services and formats

All services export data in XML format including XSD definition.

Services list (case sensitive!):

* GetDamIndexE (previous GetOKOIndex)
* GetRutList (previous GetRUTList)
* GetDamPriceE (previous GetOKOCenyHod)
* GetDamAllE (previous GetDAMPriceHour)
* GetBmPriceE (previous GetBTCeny)
* GetImbalanceSettlementE(previous GetVicenaklady)
* GetImPriceE (new)
* GetDamPriceG (new)
* GetImPriceG (new)
* GetImbalanceSettlementG (new)

Types of output parameters:

* date – xsd:date
* hour – hour no. interval 1-25

### GetDamIndexE

Returns electricity Short-term Market indexes for given period.

Input parameters:

* 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](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* EurRate – exchange rate ČNB for given day
* BaseLoad – BaseLoad index value
* PeakLoad - PeakLoad index value
* OffpeakLoad – OffpeakLoad index value

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:GetDamIndexE>

<pub:StartDate>2010-01-01</pub:StartDate>

<pub:EndDate>2010-01-02</pub:EndDate>

</pub:GetDamIndexE>

</soapenv:Body>

</soapenv:Envelope>

Example – output:

<?xml version="1.0" encoding="utf-8" ?>

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetDamIndexEResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<DamIndex>

<Date>2010-01-01</Date>

<EurRate>26.4</EurRate>

<BaseLoad>9.15</BaseLoad>

<PeakLoad>12.94</PeakLoad>

<OffpeakLoad>5.36</OffpeakLoad>

</DamIndex>

<DamIndex>

<Date>2010-01-02</Date>

<EurRate>26.465</EurRate>

<BaseLoad>29.88</BaseLoad>

<PeakLoad>43.5</PeakLoad>

<OffpeakLoad>16.26</OffpeakLoad>

</DamIndex>

</Result>

</GetDamIndexEResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### 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
* 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-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetRutListResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Rut>

<Id>3</Id>

<Ean>8591824000304</Ean>

<VatNo>70894451</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>

<VatNo>46900896</VatNo>

<Company>5</Company>

<RegistrationDate>2004-04-02</RegistrationDate>

</Rut>

<Rut>

<Id>6</Id>

<Ean>8591824000601</Ean>

<VatNo>00020699</VatNo>

<Company>6</Company>

<RegistrationDate>2004-06-30</RegistrationDate>

</Rut>

<Rut>

<Id>20</Id>

<Ean>8591824001905</Ean>

<Eic>24X-OT-SK------V</Eic>

<VatNo>35829141</VatNo>

<Company>20</Company>

<RegistrationDate>2009-08-20</RegistrationDate>

</Rut>

<Rut>

<Id>21</Id>

<Ean>8591824002100</Ean>

<Eic>10XSK-SEPS-GRIDB</Eic>

<VatNo>35829141</VatNo>

<Company>21</Company>

<RegistrationDate>2009-08-20</RegistrationDate>

</Rut>

<Rut>

<Id>98</Id>

<Ean>8591824009802</Ean>

<VatNo>27865444</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>

<VatNo>49546392</VatNo>

<Company>99</Company>

<RegistrationDate>2003-06-13</RegistrationDate>

</Rut>

<Rut>

<Id>101</Id>

<Ean>8591824010105</Ean>

<VatNo>25702556</VatNo>

<Company>101</Company>

<RegistrationDate>2001-12-10</RegistrationDate>

</Rut>

<Rut>

<Id>283</Id>

<Ean>8591824028308</Ean>

<Eic>27XG-CENTROPOL-P</Eic>

<VatNo>25458302</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-ENV:Body>

</SOAP-ENV:Envelope>

### GetDamPriceE (previous GetOKOCenyHod)

Returns energy and price (EUR) per hours from electricity day market for given period.

Input parameters

* StartDate – date from
* EndDate – date to
* StartHour - hour from
* EndHour - hour to
* InEur – optional parameter boolean type. If is set True, the service returns price (EUR) rounded at 2 decimal places, else returns price (CZK). Price in CZK is calculated according to ČNB exchange rate from date, which is equal (or older) than delivery day.

Output structure with elements:

* Date - date according to W3C ([http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html#date](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* Hour – Hour No.
* Price - Price [EUR/MWh]
* Volume - traded volume [MWh

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:GetDamPriceE>

<pub:StartDate>2010-01-01</pub:StartDate>

<pub:EndDate>2010-01-02</pub:EndDate>

<!--Optional:-->

<pub:StartHour>1</pub:StartHour>

<!--Optional:-->

<pub:EndHour>24</pub:EndHour>

<!--Optional:-->

<pub:InEur>false</pub:InEur>

</pub:GetDamPriceE>

</soapenv:Body>

</soapenv:Envelope>

Example – Output:

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

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetDamPriceEResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Item>

<Date>2010-01-01</Date>

<Hour>1</Hour>

<Price>52.8</Price>

<Volume>325.7</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>2</Hour>

<Price>26.4</Price>

<Volume>311.4</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>3</Hour>

<Price>0.264</Price>

<Volume>333.9</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>4</Hour>

<Price>0.264</Price>

<Volume>257.6</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>5</Hour>

<Price>0.264</Price>

<Volume>207.6</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>6</Hour>

<Price>0.264</Price>

<Volume>380.2</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>7</Hour>

<Price>0.264</Price>

<Volume>376.1</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>8</Hour>

<Price>0.264</Price>

<Volume>279.4</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>9</Hour>

<Price>0.264</Price>

<Volume>361.8</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>10</Hour>

<Price>0.264</Price>

<Volume>512.7</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>11</Hour>

<Price>26.4</Price>

<Volume>588</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>12</Hour>

<Price>26.4</Price>

<Volume>646.7</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>13</Hour>

<Price>26.4</Price>

<Volume>710.5</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>14</Hour>

<Price>26.4</Price>

<Volume>539.6</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>15</Hour>

<Price>264</Price>

<Volume>503.4</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>16</Hour>

<Price>396</Price>

<Volume>478</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>17</Hour>

<Price>615.12</Price>

<Volume>476.1</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>18</Hour>

<Price>872.256</Price>

<Volume>482.2</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>19</Hour>

<Price>924</Price>

<Volume>481.3</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>20</Hour>

<Price>922.152</Price>

<Volume>484.5</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>21</Hour>

<Price>798.6</Price>

<Volume>434</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>22</Hour>

<Price>396</Price>

<Volume>393.6</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>23</Hour>

<Price>396</Price>

<Volume>390.8</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>24</Hour>

<Price>26.4</Price>

<Volume>360.6</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>1</Hour>

<Price>396.975</Price>

<Volume>292.3</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>2</Hour>

<Price>26.465</Price>

<Volume>316.3</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>3</Hour>

<Price>26.465</Price>

<Volume>266.6</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>4</Hour>

<Price>26.465</Price>

<Volume>276.1</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>5</Hour>

<Price>26.465</Price>

<Volume>278.7</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>6</Hour>

<Price>26.465</Price>

<Volume>269.7</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>7</Hour>

<Price>26.465</Price>

<Volume>262.2</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>8</Hour>

<Price>529.3</Price>

<Volume>293.7</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>9</Hour>

<Price>793.95</Price>

<Volume>252.3</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>10</Hour>

<Price>952.74</Price>

<Volume>301.9</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>11</Hour>

<Price>1124.2332</Price>

<Volume>356.6</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>12</Hour>

<Price>1170.2823</Price>

<Volume>389.7</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>13</Hour>

<Price>1208.3919</Price>

<Volume>388.6</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>14</Hour>

<Price>1095.651</Price>

<Volume>410.2</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>15</Hour>

<Price>1047.22005</Price>

<Volume>360.4</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>16</Hour>

<Price>947.9763</Price>

<Volume>374.5</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>17</Hour>

<Price>1200.9817</Price>

<Volume>422.9</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>18</Hour>

<Price>1423.817</Price>

<Volume>470.1</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>19</Hour>

<Price>1471.71865</Price>

<Volume>462.6</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>20</Hour>

<Price>1378.03255</Price>

<Volume>401.4</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>21</Hour>

<Price>1259.734</Price>

<Volume>446.7</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>22</Hour>

<Price>1045.8968</Price>

<Volume>436.3</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>23</Hour>

<Price>979.205</Price>

<Volume>401.2</Volume>

</Item>

<Item>

<Date>2010-01-02</Date>

<Hour>24</Hour>

<Price>793.95</Price>

<Volume>384.5</Volume>

</Item>

</Result>

</GetDamPriceEResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### GetDamAllE (previous GetDAMPriceHour)

Returns results of settlement common day market CZ-SK.

Input parameters:

* StartDate – date from
* EndDate – date to
* StartHour - hour from
* EndHour - hour to
* InEur – optional parameter boolean type. If is set True, the service returns price (EUR) rounded at 2 decimal places, else returns price (CZK). Price in CZK is calculated according to ČNB exchange rate from date, which is equal (or older) than delivery day.

Output structure with elements:

* Date - date according to W3C ([http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html#date](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* Hour – Hour No.
* PriceCZ – Price CZ [EUR/MWh]
* VolumeCZ – traded volume CZ [MWh]
* FlowCZSK – Border-crossing flow CZ->SK [MWh]
* FlowSKCR – Border-crossing flow SK->CZ [MWh]
* ImportCZ – SK->CZ MCC [MWh]
* ExportCZ– CZ->SK MCC [MWh]

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:GetDamAllE>

<pub:StartDate>2012-05-30</pub:StartDate>

<pub:EndDate>2010-05-30</pub:EndDate>

<!--Optional:-->

<pub:StartHour>1</pub:StartHour>

<!--Optional:-->

<pub:EndHour>25</pub:EndHour>

<!--Optional:-->

<pub:InEur>false</pub:InEur>

</pub:GetDamAllE>

</soapenv:Body>

</soapenv:Envelope>

Example – Output:

<?xml version="1.0" encoding="utf-8" ?>

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetDamAllEResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Item>

<Date>2012-05-30</Date>

<Hour>1</Hour>

<PriceCZ>-3000</PriceCZ>

<VolumeCZ>300</VolumeCZ>

<FlowCZSK>100.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>100.0</ImportCZ>

<ExportCZ>100.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>2</Hour>

<PriceCZ>-3000</PriceCZ>

<VolumeCZ>300</VolumeCZ>

<FlowCZSK>100.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>100.0</ImportCZ>

<ExportCZ>100.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>3</Hour>

<PriceCZ>-3000</PriceCZ>

<VolumeCZ>120</VolumeCZ>

<FlowCZSK>20.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>100.0</ImportCZ>

<ExportCZ>100.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>4</Hour>

<PriceCZ>-3000</PriceCZ>

<VolumeCZ>200</VolumeCZ>

<FlowCZSK>100.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>100.0</ImportCZ>

<ExportCZ>100.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>5</Hour>

<PriceCZ>2230</PriceCZ>

<VolumeCZ>220</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>100.0</FlowSKCR>

<ImportCZ>100.0</ImportCZ>

<ExportCZ>100.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>6</Hour>

<PriceCZ>3000</PriceCZ>

<VolumeCZ>102.9</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>32.9</FlowSKCR>

<ImportCZ>100.0</ImportCZ>

<ExportCZ>100.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>7</Hour>

<PriceCZ>3000</PriceCZ>

<VolumeCZ>140</VolumeCZ>

<FlowCZSK>40.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>200.0</ImportCZ>

<ExportCZ>200.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>8</Hour>

<PriceCZ>3000</PriceCZ>

<VolumeCZ>150</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>50.0</FlowSKCR>

<ImportCZ>50.0</ImportCZ>

<ExportCZ>50.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>9</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>10</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>11</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>12</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>13</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>14</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>15</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>16</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>17</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>18</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>19</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>20</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>21</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>22</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>23</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

<Item>

<Date>2012-05-30</Date>

<Hour>24</Hour>

<PriceCZ>0</PriceCZ>

<VolumeCZ>0</VolumeCZ>

<FlowCZSK>0.0</FlowCZSK>

<FlowSKCR>0.0</FlowSKCR>

<ImportCZ>0.0</ImportCZ>

<ExportCZ>0.0</ExportCZ>

</Item>

</Result>

</GetDamAllEResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### GetBmPriceE (previous GetBTCeny)

Returns prices and volume from block trades – electricity- for given period

Input parameters:

* StartDate – date from
* EndDate – date to
* InEur – optional parameter boolean type. If is set True, the service returns price (EUR) rounded at 2 decimal places, else returns price (CZK). Price in CZK is calculated according to ČNB exchange rate from date, which is equal (or older) than delivery day.

Output structure with elements:

* Date - date according to W3C ([http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html#date](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* Product – product type (Baseload, Peakload, Offpeakload)
* Volume – traded volume [MWh]
* AveragePrice – Average price [CZK/MWh] (variant EUR/MWh)
* MinPrice – Minimal price [CZK/MWh]
* MaxPrice – Max. price [CZK/MWh]

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:GetBmPriceE>

<pub:StartDate>2010-01-29</pub:StartDate>

<pub:EndDate>2010-02-01</pub:EndDate>

<!--Optional:-->

<pub:InEur>false</pub:InEur>

</pub:GetBmPriceE>

</soapenv:Body>

</soapenv:Envelope>

Example – Output:

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

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetBmPriceEResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Item>

<Date>2010-01-29</Date>

<Product>

<Type>BaseLoad</Type>

<Volume>360</Volume>

<AveragePrice>1222.0</AveragePrice>

<MinPrice>1200.0</MinPrice>

<MaxPrice>1230.0</MaxPrice>

</Product>

<Product>

<Type>PeakLoad</Type>

<Volume>12</Volume>

<AveragePrice>1460.0</AveragePrice>

<MinPrice>1460.0</MinPrice>

<MaxPrice>1460.0</MaxPrice>

</Product>

</Item>

<Item>

<Date>2010-02-01</Date>

<Product>

<Type>BaseLoad</Type>

<Volume>360</Volume>

<AveragePrice>1286.7</AveragePrice>

<MinPrice>1280.0</MinPrice>

<MaxPrice>1290.0</MaxPrice>

</Product>

<Product>

<Type>PeakLoad</Type>

<Volume>12</Volume>

<AveragePrice>1615.0</AveragePrice>

<MinPrice>1615.0</MinPrice>

<MaxPrice>1615.0</MaxPrice>

</Product>

</Item>

</Result>

</GetBmPriceEResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### GetImbalanceSettlementE(previous GetVicenaklady)

Returns results of imbalance settlement - electricity – for given period.

Input parameters:

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

Output structure with elements:

* Version – settlement, possible values 0, 1, 2 (daily, monthly, final monthly)
* Date - date according to W3C ([http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html#date](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* Hour – Hour No.
* SystemImbalance (MWh) – this item was missing
* Sum – Absolute Imbalances sum [MWh]
* PositiveImbalance – Positive Imbalances [MWh]
* NegativeImbalance – Negative Imbalances [MWh]
* RoundedImbalance – Rounded Imbalances [MWh]
* ReCost – RE Cost [CZK]
* ImbalanceCost – Imbalance Cost [CZK]
* SettlImbalancePrice – Settlement Imbalance Price [CZK/MWh]
* SettlCounterImbalancePrice – Settlement Counter Imbalance Price [CZK/MWh]

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:GetImbalanceSettlementE>

<pub:Version>0</pub:Version>

<pub:StartDate>2010-01-01</pub:StartDate>

<pub:EndDate>2010-01-01</pub:EndDate>

<!--Optional:-->

<pub:StartHour>1</pub:StartHour>

<!--Optional:-->

<pub:EndHour>25</pub:EndHour>

</pub:GetImbalanceSettlementE>

</soapenv:Body>

</soapenv:Envelope>

Example – Output:

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

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetImbalanceSettlementEResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>1</Hour>

<SystemImbalance>64.76</SystemImbalance>

<Sum>544.86</Sum>

<PositiveImbalance>304.81</PositiveImbalance>

<NegativeImbalance>-240.05</NegativeImbalance>

<RoundedImbalance>-1.55</RoundedImbalance>

<ReCost>20752.0</ReCost>

<ImbalanceCost>-20147.93</ImbalanceCost>

<SettlImbalancePrice>-227.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-204.3</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>2</Hour>

<SystemImbalance>79.72</SystemImbalance>

<Sum>564.75</Sum>

<PositiveImbalance>322.24</PositiveImbalance>

<NegativeImbalance>-242.52</NegativeImbalance>

<RoundedImbalance>-2.02</RoundedImbalance>

<ReCost>2193.6</ReCost>

<ImbalanceCost>-29112.3</ImbalanceCost>

<SettlImbalancePrice>-280.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-252.0</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>3</Hour>

<SystemImbalance>80.81</SystemImbalance>

<Sum>577.45</Sum>

<PositiveImbalance>329.13</PositiveImbalance>

<NegativeImbalance>-248.32</NegativeImbalance>

<RoundedImbalance>-1.21</RoundedImbalance>

<ReCost>32053.2</ReCost>

<ImbalanceCost>-29897.42</ImbalanceCost>

<SettlImbalancePrice>-283.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-254.7</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>4</Hour>

<SystemImbalance>137.76</SystemImbalance>

<Sum>652.8</Sum>

<PositiveImbalance>395.28</PositiveImbalance>

<NegativeImbalance>-257.52</NegativeImbalance>

<RoundedImbalance>-2.46</RoundedImbalance>

<ReCost>24585.7</ReCost>

<ImbalanceCost>-78977.55</ImbalanceCost>

<SettlImbalancePrice>-483.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-434.7</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>5</Hour>

<SystemImbalance>230.45</SystemImbalance>

<Sum>568.29</Sum>

<PositiveImbalance>399.37</PositiveImbalance>

<NegativeImbalance>-168.92</NegativeImbalance>

<RoundedImbalance>-1.16</RoundedImbalance>

<ReCost>62530.8</ReCost>

<ImbalanceCost>-199611.13</ImbalanceCost>

<SettlImbalancePrice>-807.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-726.3</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>6</Hour>

<SystemImbalance>283.83</SystemImbalance>

<Sum>606.87</Sum>

<PositiveImbalance>445.35</PositiveImbalance>

<NegativeImbalance>-161.52</NegativeImbalance>

<RoundedImbalance>-2.13</RoundedImbalance>

<ReCost>17444.0</ReCost>

<ImbalanceCost>-298177.34</ImbalanceCost>

<SettlImbalancePrice>-994.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-894.6</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>7</Hour>

<SystemImbalance>377.97</SystemImbalance>

<Sum>809.49</Sum>

<PositiveImbalance>593.73</PositiveImbalance>

<NegativeImbalance>-215.76</NegativeImbalance>

<RoundedImbalance>-2.67</RoundedImbalance>

<ReCost>75602.8</ReCost>

<ImbalanceCost>-528604.65</ImbalanceCost>

<SettlImbalancePrice>-1323.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-1190.7</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>8</Hour>

<SystemImbalance>431.97</SystemImbalance>

<Sum>943.05</Sum>

<PositiveImbalance>687.51</PositiveImbalance>

<NegativeImbalance>-255.54</NegativeImbalance>

<RoundedImbalance>-2.87</RoundedImbalance>

<ReCost>245576.2</ReCost>

<ImbalanceCost>-691771.75</ImbalanceCost>

<SettlImbalancePrice>-1512.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-1360.8</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>9</Hour>

<SystemImbalance>402.58</SystemImbalance>

<Sum>902.6</Sum>

<PositiveImbalance>652.59</PositiveImbalance>

<NegativeImbalance>-250.01</NegativeImbalance>

<RoundedImbalance>-2.18</RoundedImbalance>

<ReCost>279374.1</ReCost>

<ImbalanceCost>-602887.94</ImbalanceCost>

<SettlImbalancePrice>-1410.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-1269.0</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>10</Hour>

<SystemImbalance>341.93</SystemImbalance>

<Sum>839.95</Sum>

<PositiveImbalance>590.94</PositiveImbalance>

<NegativeImbalance>-249.01</NegativeImbalance>

<RoundedImbalance>-2.12</RoundedImbalance>

<ReCost>209447.1</ReCost>

<ImbalanceCost>-515389.41</ImbalanceCost>

<SettlImbalancePrice>-1405.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-1264.5</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>11</Hour>

<SystemImbalance>225.59</SystemImbalance>

<Sum>748.73</Sum>

<PositiveImbalance>487.16</PositiveImbalance>

<NegativeImbalance>-261.57</NegativeImbalance>

<RoundedImbalance>-1.99</RoundedImbalance>

<ReCost>94409.6</ReCost>

<ImbalanceCost>-353702.15</ImbalanceCost>

<SettlImbalancePrice>-1405.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-1264.5</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>12</Hour>

<SystemImbalance>198.76</SystemImbalance>

<Sum>772.36</Sum>

<PositiveImbalance>485.56</PositiveImbalance>

<NegativeImbalance>-286.8</NegativeImbalance>

<RoundedImbalance>-2.27</RoundedImbalance>

<ReCost>58195.7</ReCost>

<ImbalanceCost>-158302.28</ImbalanceCost>

<SettlImbalancePrice>-696.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-626.4</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>13</Hour>

<SystemImbalance>119.9</SystemImbalance>

<Sum>737.76</Sum>

<PositiveImbalance>428.83</PositiveImbalance>

<NegativeImbalance>-308.93</NegativeImbalance>

<RoundedImbalance>-2.4</RoundedImbalance>

<ReCost>54250.6</ReCost>

<ImbalanceCost>-63332.18</ImbalanceCost>

<SettlImbalancePrice>-420.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-378.0</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>14</Hour>

<SystemImbalance>145.25</SystemImbalance>

<Sum>660.73</Sum>

<PositiveImbalance>402.99</PositiveImbalance>

<NegativeImbalance>-257.74</NegativeImbalance>

<RoundedImbalance>-1.75</RoundedImbalance>

<ReCost>18951.5</ReCost>

<ImbalanceCost>-87053.1</ImbalanceCost>

<SettlImbalancePrice>-509.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-458.1</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>15</Hour>

<SystemImbalance>195.17</SystemImbalance>

<Sum>681.22</Sum>

<PositiveImbalance>438.2</PositiveImbalance>

<NegativeImbalance>-243.03</NegativeImbalance>

<RoundedImbalance>-2.47</RoundedImbalance>

<ReCost>33812.0</ReCost>

<ImbalanceCost>-150118.64</ImbalanceCost>

<SettlImbalancePrice>-684.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-615.6</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>16</Hour>

<SystemImbalance>129.72</SystemImbalance>

<Sum>593.45</Sum>

<PositiveImbalance>361.59</PositiveImbalance>

<NegativeImbalance>-231.87</NegativeImbalance>

<RoundedImbalance>-1.92</RoundedImbalance>

<ReCost>15409.3</ReCost>

<ImbalanceCost>-69572.55</ImbalanceCost>

<SettlImbalancePrice>-455.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-409.5</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>17</Hour>

<SystemImbalance>86.9</SystemImbalance>

<Sum>518.44</Sum>

<PositiveImbalance>302.67</PositiveImbalance>

<NegativeImbalance>-215.77</NegativeImbalance>

<RoundedImbalance>-2.9</RoundedImbalance>

<ReCost>21948.3</ReCost>

<ImbalanceCost>-33084.33</ImbalanceCost>

<SettlImbalancePrice>-305.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-274.5</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>18</Hour>

<SystemImbalance>116.66</SystemImbalance>

<Sum>592.5</Sum>

<PositiveImbalance>354.58</PositiveImbalance>

<NegativeImbalance>-237.92</NegativeImbalance>

<RoundedImbalance>-1.95</RoundedImbalance>

<ReCost>8343.2</ReCost>

<ImbalanceCost>-57442.58</ImbalanceCost>

<SettlImbalancePrice>-409.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-368.1</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>19</Hour>

<SystemImbalance>170.58</SystemImbalance>

<Sum>639.67</Sum>

<PositiveImbalance>405.12</PositiveImbalance>

<NegativeImbalance>-234.54</NegativeImbalance>

<RoundedImbalance>-2.98</RoundedImbalance>

<ReCost>54005.5</ReCost>

<ImbalanceCost>-116033.11</ImbalanceCost>

<SettlImbalancePrice>-598.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-538.2</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>20</Hour>

<SystemImbalance>86.12</SystemImbalance>

<Sum>550.04</Sum>

<PositiveImbalance>318.08</PositiveImbalance>

<NegativeImbalance>-231.96</NegativeImbalance>

<RoundedImbalance>-2.03</RoundedImbalance>

<ReCost>20067.6</ReCost>

<ImbalanceCost>-33015.43</ImbalanceCost>

<SettlImbalancePrice>-302.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-271.8</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>21</Hour>

<SystemImbalance>25.64</SystemImbalance>

<Sum>498.49</Sum>

<PositiveImbalance>262.07</PositiveImbalance>

<NegativeImbalance>-236.43</NegativeImbalance>

<RoundedImbalance>-2.44</RoundedImbalance>

<ReCost>31526.6</ReCost>

<ImbalanceCost>-4435.35</ImbalanceCost>

<SettlImbalancePrice>-90.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-81.0</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>22</Hour>

<SystemImbalance>36.18</SystemImbalance>

<Sum>461.07</Sum>

<PositiveImbalance>248.63</PositiveImbalance>

<NegativeImbalance>-212.45</NegativeImbalance>

<RoundedImbalance>-1.88</RoundedImbalance>

<ReCost>92193.5</ReCost>

<ImbalanceCost>-7293.05</ImbalanceCost>

<SettlImbalancePrice>-127.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-114.3</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>23</Hour>

<SystemImbalance>-2.63</SystemImbalance>

<Sum>442.77</Sum>

<PositiveImbalance>220.07</PositiveImbalance>

<NegativeImbalance>-222.7</NegativeImbalance>

<RoundedImbalance>-2.56</RoundedImbalance>

<ReCost>113503.0</ReCost>

<ImbalanceCost>-58255.11</ImbalanceCost>

<SettlImbalancePrice>2364.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>2127.6</SettlCounterImbalancePrice>

</Item>

<Item>

<Version>0</Version>

<Date>2010-01-01</Date>

<Hour>24</Hour>

<SystemImbalance>28.41</SystemImbalance>

<Sum>492.87</Sum>

<PositiveImbalance>260.64</PositiveImbalance>

<NegativeImbalance>-232.23</NegativeImbalance>

<RoundedImbalance>-2.11</RoundedImbalance>

<ReCost>-12078.1</ReCost>

<ImbalanceCost>-5162.99</ImbalanceCost>

<SettlImbalancePrice>-100.0</SettlImbalancePrice>

<SettlCounterImbalancePrice>-90.0</SettlCounterImbalancePrice>

</Item>

</Result>

</GetImbalanceSettlementEResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### GetImPriceE (new)

Returns prices and volume Intra-day electricity market for given period.

Input parameters:

* StartDate – date from
* EndDate – date to
* StartHour - hour from
* EndHour - hour to

Output structure with elements:

* Date - date according to W3C ([http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html#date](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* Hour – Hour No.
* Price - Price [CZK/MWh]
* Volume – Traded volume [MWh]

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:GetImPriceE>

<pub:StartDate>2010-01-01</pub:StartDate>

<pub:EndDate>2010-01-01</pub:EndDate>

<!--Optional:-->

<pub:StartHour>1</pub:StartHour>

<!--Optional:-->

<pub:EndHour>24</pub:EndHour>

</pub:GetImPriceE>

</soapenv:Body>

</soapenv:Envelope>

Example – Output:

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

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetImPriceEResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Item>

<Date>2010-01-01</Date>

<Hour>1</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>2</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>3</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>4</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>5</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>6</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>7</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>8</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>9</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>10</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>11</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>12</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>13</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>14</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>15</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>16</Hour>

<Price>1000.0</Price>

<Volume>3.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>17</Hour>

<Price>1000.0</Price>

<Volume>3.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>18</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>19</Hour>

<Price>1.0</Price>

<Volume>0.5</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>20</Hour>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>21</Hour>

<Price>1000.0</Price>

<Volume>3.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>22</Hour>

<Price>1080.0</Price>

<Volume>15.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>23</Hour>

<Price>1125.0</Price>

<Volume>8.0</Volume>

</Item>

<Item>

<Date>2010-01-01</Date>

<Hour>24</Hour>

<Price>1059.4</Price>

<Volume>8.0</Volume>

</Item>

</Result>

</GetImPriceEResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### GetDamPriceG (new)

Returns prices and volume day-ahead gas market for given period.

Input parameters:

* 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](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* Session – session specification – AM/PM/DM
* Price - Price [EUR/MWh]
* Volume – Traded volume [MWh]

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:GetDamPriceG>

<pub:StartDate>2010-07-23</pub:StartDate>

<pub:EndDate>2010-07-24</pub:EndDate>

</pub:GetDamPriceG>

</soapenv:Body>

</soapenv:Envelope>

Example – Output:

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

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetDamPriceGResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Item>

<Date>2010-07-23</Date>

<Session>AM</Session>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-07-23</Date>

<Session>PM</Session>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

<Item>

<Date>2010-07-24</Date>

<Session>AM</Session>

<Price>20.5</Price>

<Volume>30.0</Volume>

</Item>

<Item>

<Date>2010-07-24</Date>

<Session>PM</Session>

<Price>0.0</Price>

<Volume>0.0</Volume>

</Item>

</Result>

</GetDamPriceGResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### GetImPriceG (new)

Returns prices and volume Intra-day gas market for given period.

Input parameters:

* 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](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* Price - Price [EUR/MWh]
* Volume – Traded volume [MWh]
* MinPrice – Minimal price [EUR/MWh]
* MaxPrice – Maximal price [EUR/MWh]

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:GetImPriceG>

<pub:StartDate>2010-07-22</pub:StartDate>

<pub:EndDate>2010-07-23</pub:EndDate>

</pub:GetImPriceG>

</soapenv:Body>

</soapenv:Envelope>

Example – Output:

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

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetImPriceGResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Item>

<Date>2010-07-22</Date>

<Price>20.5</Price>

<Volume>35.0</Volume>

<MinPrice>20.5</MinPrice>

<MaxPrice>20.5</MaxPrice>

</Item>

<Item>

<Date>2010-07-23</Date>

<Price>20.25</Price>

<Volume>50.0</Volume>

<MinPrice>20.25</MinPrice>

<MaxPrice>20.25</MaxPrice>

</Item>

</Result>

</GetImPriceGResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### GetImbalanceSettlementG (new)

Returns results of imbalance settlement - 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](http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/datatypes.html%23date))
* 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]
* BalancingGasPrice – Balancing Gas Price [EUR/MWh]
* CnbRate – ČNB exchange rate [CZK/EUR]
* BalancingGasSettlPrice – Balancing Gas Settlement price [CZK/MWh]
* MissingBalancingGasPrice – Missing Balancing Gas price [CZK/MWh]
* ExcessiveBalancingGasPrice – Excessive Balancing Gas price [CZK/MWh]
* Difference – Difference nominations natural balancing and its maximum value. [MWh]
* OffToleranceDeviationPrice – Off Tolerance Deviation price[CZK/MWh]

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:GetImbalanceSettlementG>

<pub:Version>0</pub:Version>

<pub:StartDate>2010-07-22</pub:StartDate>

<pub:EndDate>2010-07-23</pub:EndDate>

</pub:GetImbalanceSettlementG>

</soapenv:Body>

</soapenv:Envelope>

Example – Output:

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

<SOAP-ENV:Envelope SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Body>

<GetImbalanceSettlementGResponse xmlns="http://www.ote-cr.cz/schema/service/public">

<Result>

<Item>

<Date>2010-07-27</Date>

<Version>0</Version>

<SystemImbalance>-12754.413</SystemImbalance>

<PositiveImbalance>2270.005</PositiveImbalance>

<NegativeImbalance>-15024.418</NegativeImbalance>

<TransferTsDs>-93747.354</TransferTsDs>

<BalancingGasPrice>17.5</BalancingGasPrice>

<CnbRate>24.99</CnbRate>

<BalancingGasSettlPrice>437.24</BalancingGasSettlPrice>

<MissingBalancingGasPrice>587.15</MissingBalancingGasPrice>

<ExcessiveBalancingGasPrice>287.33</ExcessiveBalancingGasPrice>

<Difference>0.0</Difference>

<OffToleranceDeviationPrice>120.81</OffToleranceDeviationPrice>

</Item>

<Item>

<Date>2010-07-28</Date>

<Version>0</Version>

<SystemImbalance>-2972.295</SystemImbalance>

<PositiveImbalance>1002.233</PositiveImbalance>

<NegativeImbalance>-3974.528</NegativeImbalance>

<BalancingGasPrice>0.0</BalancingGasPrice>

<CnbRate>0.0</CnbRate>

<BalancingGasSettlPrice>0.0</BalancingGasSettlPrice>

<MissingBalancingGasPrice>0.0</MissingBalancingGasPrice>

<ExcessiveBalancingGasPrice>0.0</ExcessiveBalancingGasPrice>

<Difference>0.0</Difference>

<OffToleranceDeviationPrice>89.51</OffToleranceDeviationPrice>

</Item>

</Result>

</GetImbalanceSettlementGResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>