D1.4 CS OTE External Interface

Part D1.4.2 XML message formats

CS OTE specification

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##### AbbrevIation Used

| *Abbreviation* | *Meaning* |
| --- | --- |
| **AC** | Ancillary services |
| **BC** | Billateral contract |
| **BRP** | Balance Responsible Party |
| **CCS** | SAP Module: Customer Care systém |
| **CDS** | Centre of Data Services |
| **CHMI** | Czech Hydrometeorological Institute |
| **CTBS** | Complete trade balance statement |
| **DFD** | Data Flow Diagram |
| **DGI** | Data for grid-usage invoicing |
| **DM** | Day-ahead market (daily market) |
| **DSO** | Distribution system operator |
| **E&U** | Energy and utilities |
| **EAN** | Global system for encoding and identifying goods, services and organisation |
| **EDI** | International format for electronic data interchange (Electronic Data Interchange) |
| **EDM** | SAP Module: Energy Data Management |
| **EMO** | External market organizer (like PXE) |
| **GUI** | Graphical user interface |
| **HW** | Hardware |
| **CIN** | Company identification number |
| **ID** | Identifier |
| **IDE** | SAP Module: Intercompany Data Exchange |
| **IM** | Intra-day electricity market |
| **IDA** | Intra-day electricity auctions |
| **IS OTE** | Infrastructure of the market operator |
| **ISO** | International Standards Organization |
| **IS-U** | Branch solution of SAP for utilities |
| **IT** | Information technology |
| **MS** | Microsoft |
| **PDT** | Point of delivery / transfer |
| **PKI** | Public Key Infrastructure |
| **OTE** | OTE, a.s. (Czech energy market operator) |
| **SoI** | Settlement of Imbalancies |
| **TSO** | Transmission system operator |
| **RAC** | Registered Authorized Customer |
| **RMP** | Registered market participant |
| **RMP(RP)** | Registered market participant (who took over the responsibilty for imbalance from anoher RMP) |
| **RRD** | Registration of realization diagrams |
| **SAP** | SAP ČR, spol. s r.o. and a family of SAP software products in general |
| **SBRP** | Super Balance Responsible Party |
| **SW** | Software |
| **LP** | Load profile |
| **TI** | Technical infrastructure |
| **UI** | User interface |
| **CTBS** | Complete trading balance statement |
| **WAS** | SAP Module: Web Application Server |
| **XML** | Protocol for data interchange (Extensible Markup Language) |

##### History of Changes

| *Date* | *Object* | *Revision* |
| --- | --- | --- |
| 24.6.2009 | Revision of recent version of documentation has been done (Z version). | V1.0 |
| 24.6.2009 | Change of name for global types from cds\_globals.xsd to ote\_globals.xsd. | V1.0 |
| 24.6.2009 | Local data type *language* excluded to global data types ote\_globals.xsd | V1.0 |
| 24.6.2009 | Local data type *voltage-level* excluded to global data types ote\_globals.xsd | V1.0 |
| 24.6.2009 | From CDSREQ definition, there were set apart messages for partial CS OTE proceeding areas; they became part of new defined formats (ISOTEREQ, COMMONREQ, SFVOTREPORTREQ). See relevant chapters. | V1.0 |
| 24.6.2009 | Stated global data types were set apart: *ReceiverIdentification*, *SenderIdentification*, *DataProvider* and *Reference.* These data types were joined to ote\_globals.xsd and are refered from original formats. There are no changes in use. | V1.0 |
| 24.6.2009 | For all message formats (except RESPONSE and \*REQ), there was set up the possibility of electronic signature. Newly added global message format *xmldsig-code-schema* is used for this purpose. | V1.0 |
| 24.6.2009 | MASTERDATA definition - expansion of *role* atribute annotations:  SST - Balance responsible party  OBS - Observer  (Related to assignment of Observer resp. Balance responsible party to PDT) | V1.0 |
| 24.6.2009 | MASTERDATA definition - change of use for atribute *opm-id* in element *Data* from required to optional.  (Related to imbalance responsibilty handover) | V1.0 |
| 24.6.2009 | MASTERDATA definition - change of use for element *Party* from required to optional.  (Related to cancelation of the assignment of Observer resp. Balance responsible party to PDT). | V1.0 |
| 24.6.2009 | MASTERDATA definition - expansion of *message-code* atribute annotations:  254 - Request for assignment of subject of settlement to OPM  256 - Information about BRP assignement to PDT  257 - Request for assigning an observer to PDT  258 - Error in / Confirmation of request for assigning an observer to PDT receiving  356 - Simplified list of PDT  450 - Request for registration of imbalance responsibility transfer  452 - Information about registration of imbalance responsibility transfer  453 - Approbation / Refusal of imbalance responsibility transfer  457 - Information about imbalance responsibility transfer (on request 455) | V1.0 |
| 24.6.2009 | RESPONSE definition - expansion of *message-code* atribute annotations:  128 - Receiving/error in message of electronic invoice  130 - Receiving / error in request for electronic invoice  255 - Error in / Confirmation of request for assignment of BRP to PDT receiving  258 - Error in / Confirmation of request for assigning an observer to PDT receiving  355 - Error message for sending simplified list of PDT  451 - Confirmation of / Error in request for registration of imbalance responsibility transfer receiving  454 - Confirmation of / Error in approbation / refusal of imbalance responsibility transfer receivnig  456 - Confirmation of / Error in request for imbalance responsibility transfer receiving  512 - Error in / Confirmation of normal and metered average daily temperatures data receival  522 - Error in / Confirmation of of normal load profiles of supplies receiving  855 - Confirmation / error of the BM order entry  865 - Confirmation/error message for own BM orders request | V1.0 |
| 24.6.2009 | RESPONSE definition - restriction of *message-code* atribute annotations:  280 - Receiving/error in message of electronic invoice  281 - Error in electronic invoice message - detail  For this purpose, message with msg\_code 128 - Receiving/error in message of electronic invoice is used. | V1.0 |
| 24.6.2009 | RESPONSE definition - change of *message-code* atribute annotations:  421 - Confirmation / error in the request for the settlement report OTE-EMO  was replaced by:  423 - Confirmation / error in the request for the settlement report OTE-EMO | V1.0 |
| 24.6.2009 | CDSREQ definition - restriction of *message-code* atribute annotations:  354 - Request for simplified list of PDT  455 - Request for imbalance responsibility transfer | V1.0 |
| 24.6.2009 | CDSDATA definition – change of *profile-role* atribute annotations (*Location):*  A71 - Aggregate profile, generation | V1.0 |
| 24.6.2009 | Changes were made in the CDSINVOICE definition. Message format is now ready for both electronic invoice and SD invoice. | V1.0 |
| 24.6.2009 | CDSINVOICE definition - at *DocumentTotal* element *(DocumentEnvelope -> Document -> DocSummary -> DocumentTotal)* change of max.Occ character from 1 to 2. | V1.0 |
| 24.6.2009 | CDSINVOICE definition - at *PaymentSummary* element *(DocumentEnvelope -> Document -> DocSummary -> PaymentSummary)* change of max.Occ character from 1 to 2. | V1.0 |
| 24.6.2009 | CDSINVOICE definition – at *BankAccount* element *(DocumentEnveloppe -> Document -> DocHeader -> Party -> BankAccount)*, new *iban* atribute with use optional was added. | V1.0 |
| 24.6.2009 | CDSINVOICE definition – at *PaymentSummary* element, new *Rounding* subelement with use optional was added. *(DocumentEnvelope -> Document -> DocSummary -> PaymentSummary)* | V1.0 |
|  |  |  |
| 24.6.2009 | CDSINVOICE definition – at *Document* element, new *Attachement* subelement with use optional was added. *(DocumentEnvelope -> Document)* Element structure is as follows:    Atributes of *AttachmentHeader* element (use included):  *DelivaryDate* (required)  *ExchangeRate* (required)  *PaymentReceived* (optional)  *InvoiceNo* (optional)  *TypeOfTrade* (required)  *IdRut* (optional)  *ReferenceNo* (optional)  *Quantity* (required)  *UnitPrice* (required)  *BeforeTax* (required)  *ElectricityTax* (optional)  *BaseTax* (optional)  *VAT* (required)  *Currency* (required)  *Total* (required)  Atributes of *AttachmentSum* element (use included):  *BeforeTax* (required)  *ElectricityTax* (optional)  *BaseTax* (optional)  *VAT* (required)  *Currency* (required)  *Total* (required) | V1.0 |
| 13.9.2009 | CDSREQ definition - restriction of *message-code* atribute annotations:  151 - Request for assigned observers data  154 - Request for assigned BRP data | V1.1 |
| 13.9.2009 | RESPONSE definition - expansion of *message-code* atribute annotations:  152 - Error in / confirmation of assigned observers request receiving  155 - Error in / confirmation of assigned BRP request receiving | V1.1 |
| 13.9.2009 | MASTERDATA definition - expansion of *message-code* atribute annotations:  153 - Assigned observers data  156 - Assigned subjects of settlement data | V1.1 |
| 13.9.2009 | MASTERDATA definition - change of *role* atribute *(Data -> Party)* annotations:  Cancelled:  SST - Balance responsible party assigned to the PDT - replaced with ST identifier  Added:  ST - Balance responsible party assigned to the PDT  DST - Balance responsible party in the role default  SST - Balance responsible party in the role secondary | V1.1 |
| 13.9.2009 | MASTERDATA definition - atribute *ps-nd* removal out of *OPM* element. Atribute used to be of use optional. | V1.1 |
| 30.9.2009 | RESPONSE definition - restriction of *message-code* atribute annotations:  211 - Error in PDT code list update  221 - Error in interval metered data sending  223 - Error in non-interval metered data sending  225 - Error in distribution invoicing data sending  227 - Error in message data with msg\_code 124  230 - Error in distribution invoicing DGI RCS data sending  242 - Request for Change of supplier / Confirmation of sent data receiving  261 - Error in negotiated CTBS diagrams sending  262 - Confirmation of negotiated CTBS diagrams receiving  264 - Confirmation of receiving / Error in sending of annual consumption estimation  265 - Error in request for CTBS values sending  267 - Error in request for informative imbalance sending  Changes has been made as a result of response aggregation function and abilition of CTBS process. | V1.1 |
| 30.9.2009 | CDSREQ definition - restriction of *message-code* atribute annotations:  163 - Single-shot request for complete trade balance statement data sending  164 - Single-shot request for informative imbalance statement data sending  These request messages will be supported no more (CTBS abolition). | V1.1 |
| 30.9.2009 | CDSDATA definition - restriction of *message-code* atribute annotations:  266 - Planned values of generation A, B and C  268 - Output data of informative imbalance | V1.1 |
| 30.9.2009 | Negotiated diagram receipt and request will be supported for data stored before 31.12.2009 (msg\_codes 163, 164, 243, 244, 251, 252) | V1.1 |
| 30.9.2009 | SFVOT repotrs area is still under construction; final shape will be established in November 2009. | V1.1 |
| 11.10.2009 | MASTERDATA definition . the use of *Party* element was chnged to required, the use of *id* atribute was chaged to optional. | V1.2 |
| 11.10.2009 | MASTERDATA definition - the use of *OPM* element was changed to optional. | V1.2 |
| 11.10.2009 | MASTERDATA definition - new attributes *ps-sz* and *ps-poz* with use optional were added to *OPM* element, serving to inform about assigned BRP and observers to PDT. | V1.2 |
| 11.10.2009 | MASTERDATA definition - expansion of *anlart* atribute annotations:  0007 - Sum OPM for network and BRP. | V1.2 |
| 11.10.2009 | It was made revision of revoked msg\_codes, concerning CDSREQ, RESPONSE, CDSDATA (records of 30.9.2009). | V1.2 |
| 11.10.2009 | RESPONSE definition - abolition of restriction of *message-code* atribute annotations:  211 - Error in PDT code list update  221 - Error in interval metered data sending  223 - Error in non-interval metered data sending  225 - Error in distribution invoicing data sending  227 - Error in message data with msg\_code 124  230 - Error in distribution invoicing DGI RCS data sending  242 - Request for Change of supplier / Confirmation of sent data receiving  267 - Error in request for informative imbalance sending  Changes has been made as a result of response aggregation function and abilition of CTBS process. Following msg\_codes were renamed:  215 - Confirmation of / Error in PDT code list update  222 - Error in non-interval metered data sending  224 - Confirmation of / Error in non-interval metered data receiving  226 - Potvrzení/chyba při příjmu dat DÚF VO  228 - Potvrzení/chyba při příjmu dat PpS  229 - Potvrzení/chyba při příjmu dat DÚF MO  241 - Potvrzení/chyba při zaslání požadavku na změnu dodavatele  247- Potvrzení/chyba při schválení/zamítnutí změny dodavatele | V1.2 |
| 11.10.2009 | RESPONSE definition - abolition of restriction of *message-code* atribute annotations:  163 - Single-shot request for complete trade balance statement data sending  164 - Single-shot request for informative imbalance statement data sending  These request will be supported no more (CTBS abolition). | V1.2 |
| 11.10.2009 | CDSDATA definition - abolition of restriction of *message-code* atribute annotations:  268 - Output data of informative imbalance | V1.2 |
| 11.10.2009 | Negotiated digrams functionality will be supporte only for data to 31.12.2009. Following msg\_codes are concerned (information in message documnetation included):  142, 252 (CDSDATA)  143 (CDSREQ)  243, 244, 251 (RESPONSE) | V1.2 |
| 18.10.2009 | CDSIDIS definition - new atribute *tg-fi* with use required was inserted to element *MP* element. | V1.2 |
| 31.10.2009 | MASTERDATA definition - the use of *process-status* atribute in *Data* element was chngesd from required to optional. | V1.3 | |
| 31.10.2009 | MASTERDATA definition - the use of *opm-id* atribute and *OPM* element was revised. *OPM* element is required, *opm-id* atribute of *Data* element is optional. | V1.3 | |
| 31.10.2009 | ETSO formats - originly standard Status Request messages was modified, the schema was added in the document (for more information see document D.1.4.4 - IS OTE automatic communication interface) | V1.3 | |
| 4.12.2009 | CDSCLAIM definition - data type was specified at *Claim-text* element to xsd:string. | V1.4 | |
| 4.12.2009 | CDSDATA definition - the use of *id* atribute of *Location* element was changed to *optional*. PDT isn´t specified in case of temperature sending. | V1.4 | |
| 4.12.2009 | MASTERDATA definition - the use of *ext-ui* atribute of *OPM* element was changed to *required*. The item is always specified in PDT master data messages. | V1.4 | |
| 4.12.2009 | MASTERDATA definition - the use of *opm*-*id* atribute of *Data* element was changed to *optional*. The item isn´t requierd in the imbalance responsibility handover process. | V1.4 | |
| 4.12.2009 | MASTERDATA definition - the use of *process*-*status* atribute of *Data* element was changed to *optional*. The item isn´t requierd when assigning a service to PDT. | V1.4 | |
| 4.12.2009 | CDSINVOICE definition - the use of *city, street, house-num* atributes od *Adress* element *(DocumentEnveloppe -> Document -> DocDetail -> ListOfPDTBlocks -> PDTblock -> Address)* was changed from *reqired* to *optional.* | V1.4 | |
| 4.12.2009 | CDSINVOICE definition - *unit* atribute restriction of *BaseItemDetail* element *(DocumentEnveloppe -> Document -> DocDetail -> ListOfPDTBlocks -> PDTblock -> ListOfBillingItems -> BillingItem -> BaseItemDetail)* was expanded by item *month*. | V1.4 | |
| 4.12.2009 | RESPONSE definition - *message-code* atribute restriction was expanded by items:  993 - Notice about offers annulation as a result of DM access right change  997 - Notice about reconciliation of DM offers | V1.4 | |
| 4.12.2009 | ISOTEDATA definition - *source-sys* attribute restriction of *Trade* element was expanded by item *SEPS.* | V1.4 | |
| 4.12.2009 | ISOTEREQ definition - confusing description was cerrected respective to the *Document* element. | V1.4 | |
| 4.12.2009 | **Notice!** There was change in default Namespace of all message formats exchaged with OTE. The actuals are specified in published schemas. | V1.4 | |
| 21.12.2009 | MASTERDATA definition – for „OPM/@anlart“ the restriction C07 - Sumární OPM za SZ a síť was added  Same change in CDSREQ. | V1.5 | |
| 21.12.2009 | CDSDATA - attribute „ profile-role“ extended:  SK61 - SK68 – Group LP corrected; per temprature area, lp vlase, supplier and grid | V1.5 | |
| 21.12.2009 | CDSINVOICE – new message-code  137 – Electronic invoice for OTE services | V1.5 | |
| 21.12.2009 | CDSINVOICE - attribute „iban“ max length changed to 24 chars. | V1.5 | |
| 21.12.2009 | CDSINVOICE – new codes for attribute items-category  CNO – Credit note  DNO – Debit note | V1.5 | |
| 21.12.2009 | CDSINVOICE - attribute tax-type – new identifiers added  ETX – Elektricity tax  GTX – Gas tax | V1.5 | |
| 21.12.2009 | CDSINVOICE – atribute doc-type – new identifiers added  E01 - Invoice  E02 – Credit note  E03 – Debit note |  | |
| 21.12.2009 | CDSINVOICE - element SumItem - required changed to optional. | V1.5 | |
| 21.12.2009 | CDSREQ - attribute message-code new identifier  139 – Request for electronic invoice for OTE services | V1.5 | |
| 21.12.2009 | CDSRESPONSE - attribute message-code new identifiers:  140 – Confirmation/ error in request for electronic invoice for OTE services  997 – Notification about DM matching | V1.5 | |
| 21.12.2009 | ISOTEDATA - attribute „ profile-role“ extended:  SP11 - Daily Market Settlement PXE buy  SP12 - Daily Market Settlement PXE sale | V1.5 | |
| 21.12.2009 | ISOTEDATA - attribute msg-code – new identifier  973 – Request for data – accepted balancing market orders | V1.5 | |
| 4.1.2010 | CDSIDIS – attribute MP/@tg-fi changed to optional. | V1.6 | |
| 10.1.2010 | MASTERDATA – description of attribute OPM/@info-text. | V1.7 | |
| 10.1.2010 | CDSDATA - attribute msg-code-role – new identifiers\_  A81 – Aggregated profile, production (per SZ)  A82 – Aggregated profile, consumption (per SZ)  F\* - role for metered values RE for blocks  G\* - role for price of RE for blocks  J41 – Calculated residual profile DS - production  J42 - Calculated residual profile DS – consumption |  | |
| 10.1.2010 | CDSCLAIM – data type opf element Action changed to xsd:string.. | V1.7 | |
| 10.1.2010 | ISOTEDATA – format of atribute value in element Data (Trade->ProfileData->Data). Decimals changed to 4. | V1.7 | |
| 15.3.2010 | SFVOT report revision has been finished. Names od schemas has been unified, partial structure modification have been made. These changes are not listed here. | V1.8 | |
| 15.3.2010 | There were created new reports for Invoicing base data – summary (SFVOTREPBILLINGSUM) and Claim overview – summary. New reports are described in separand chapters. | V1.8 | |
| 15.3.2010 | SFVOTREPORT\_REQ definition – restriction for *message-code* attribute was extended:  434 - Invoicing base data - summary  437 - OTE Invoicing base data - summary  440 - Claim overview - summary  443 - OTE claim overview - summary | V1.8 | |
| 15.3.2010 | RESPONSE definition - restriction for *message-code* attribute was extended:  436 - Invoicing base data - summary - confirmation / error  439 - OTE invoicing base data - summary - confirmation / error  442 - Claim overview - summary - confirmation / error  445 - OTE Claim overview - summary - confirmation / error | V1.8 | |
| 15.3.2010 | CDSDATA definition – restriction for *profile-role* was extended:  SN71 – SN78 - Group LP without TempArea, LPclass, supplier and grid correction | V1.8 | |
| 15.3.2010 | CDSCLAIM definition – data type change at *submitter* attribute from ote:ean\_13 to xsd:string with max. lenght 16 characters. | V1.8 | |
| 15.3.2010 | CDSCLAIM definition – mistype corrected at *obj-type* attribute enumeration (DM\_SEAN\_DT opraven na BM\_SEAN\_DT). | V1.8 | |
| 15.3.2010 | MASTERDATA definition – change of max. lenght of *info-text* attribute up to 512 char. | V1.8 | |
| 26.4.2010 | MASTERDATA definition – new attribute *sz-implicit* was added to *OPM* element with use *optional*. Attribute give information about ipmlicit BRP assignment, specified in ps-sz attribute. | V1.9 | |
| 26.4.2010 | CDSINVOICE definition – the restriction of the *item-type* attribute of the *BaseItemDetail* element *(DocumentEnveloppe -> Document -> DocDetail -> ListOfPDTBlocks -> PDTblock -> ListOfBillingItems -> BillingItem)* was extended by item „GU025 – Remote GSM reading“. | V1.9 | |
| 26.4.2010 | CDSINVOICE definition – the restriction of the *unit* attribute of the *BaseItemDetail (DocumentEnveloppe -> Document -> DocDetail -> ListOfPDTBlocks -> PDTblock -> ListOfBillingItems -> BillingItem -> BaseItemDetail)* was extended by item „ks“. | V1.9 | |
| 26.4.2010 | SFVOT message definition – the structure of data schemes has been chaged (i.e. all used except SFVOTREQ and RESPONSE) according to the wishes of RMPs. The changes are not listed, beeing of a greater range. | V1.9 | |
| 26.4.2010 | New message format SFVOTEXCHRATE was introduced for sending OTE settlement exchange rate with following communication scenario:  425 – Request for OTE settlement exchange rate (SFVOTREQ)  426 - OTE settlement exchange rate (SFVOTEXCHRATE)  427 – Error in / Confirmation of request for OTE settlement exchange rate (RESPONSE)  ISOTEDATA message format will no longer be used for this purpose. | V1.9 | |
| 26.4.2010 | ISOTEDATA definition - restriction for *msg-code* attribute was extended:  966 - Request for imbalance settlement statistic data - copy of data | V1.9 | |
| 26.4.2010 | ISOTEDATA definition – restriction for *msg-code* attribute of the *ProfileData* element was extended:  SS13 - System imbalance  SS14 - RE costs  SS15 - RE+ volume / RE+ costs  SS16 - RE- volume / RE- costs  SS17 - Positive imbalance  SS18 - Negative imbalance  SS50 - Settlement price  SS51 - Counter-imbalance price  SS52 - BM RE+ volume / BM RE+ costs  SS53 - BM RE- volume / BM RE- costs  New profiles are used for imbalance statistical evaluation. | V1.9 | |
| 26.4.2010 | ISOTEREQ definition - restriction for *msg-code* attribute was extended:  964 - Request for imbalance settlement statistic data | V1.9 | |
| 26.4.2010 | RESPONSE definition - restriction for *msg-code* attribute was extended:  965 - Request for imbalance settlement statistic data - error / confirmation | V1.9 | |
| 14.5.2010 | Changes announced for v1.9 for IS OTE message formats for gas market implementation were not issued it the last version, but just in the version 1.10. Sorry for mistification. History of chages was updated. | V1.10 | |
| 14.5.2010 | MASTERDATA definition - the restriction of the *role* attribute of the *Role* element *(Data->Party->Role)* was expanded:  TMP - RMP transfering the imbalance resposibility  DSF - Present BRP at the default position | V1.10 | |
| 14.5.2010 | MASTERDATA definition the use of the *prepared* attribute of the *Data* element was changed from *required* to *optional*. | V1.10 | |
| 14.5.2010 | SFVOTCONFDATA definition - new element *Conversion* with use *optional* was added to the structure. It serve to inform abour currency conversion. | V1.10 | |
| 14.5.2010 | ETSO messages - the codelist ReasonCodeTypeList was expanded:  Z06 - Final external schedule can not be replaced by intermediate one.  Z07 - RD annulled by the system due to finish of participant’s registration. | V1.10 | |
| 14.5.2010 | ETSO zprávy - číselník ReasonCodeTypeList byl doplněn o hodnoty:  Z06 - Final external schedule can not be replaced by intermediate one.  Z07 - RD annulled by the system due to finish of participant’s registration. | V1.10 | |
| 14.5.2010 | ISOTEDATA definition – new attribute *commodity-code* with use *optional* was added to the *ISOTEDATA* root element. The value serves to distinguish electricity and gas. | V1.10 | |
| 14.5.2010 | ISOTEDATA definition – new attribute *trade-session* with use *optional* was added to the *Trade* element. The value serves to specify a seance. The change is for the electricity not relevant. | V1.10 | |
| 14.5.2010 | ISOTEDATA definition – restriction for *msg-code* attribute was extended by G\* indetificators. These serve only for gas area, for electricity not beeing relevant. | V1.10 | |
| 14.5.2010 | ISOTEDATA definition – the restriction for the *profile-role* attribute of the *ProfileData* element was modified. View of the actual state can be found in the relevant chapter. | V1.10 | |
| 14.5.2010 | ISOTEMASTERDATA definition - new attribute *commodity-code* with use *optional* was added to the *ISOTEMASTERDATA* root element. The value serves to distinguish electricity and gas. | V1.10 | |
| 14.5.2010 | ISOTEMASTERDATA definition - restriction for *msg-code* attribute was extended by G\* indetificators. These serve only for gas area, for electricity not beeing relevant. | V1.10 | |
| 14.5.2010 | ISOTEMASTERDATA definition – the restriction of the *instance-type* attribute of the *Instance* element was expanded by item PDD - Daily - day. | V1.10 | |
| 14.5.2010 | ISOTEMASTERDATA definition – the restriction of the *currency* attribute of the *Instance* element was expanded by item EUR. | V1.10 | |
| 14.5.2010 | ISOTEREQ definition - restriction for *msg-code* attribute was extended by G\* indetificators. These serve only for gas area, for electricity not beeing relevant. | V1.10 | |
| 14.5.2010 | ISOTEREQ definition – new attribute *trade-session* with use *optional* was added to the *Trade* element. The value serves to specify a seance. The change is for the electricity not relevant. | V1.10 | |
| 14.5.2010 | RESPONSE definition - restriction for *msg-code* attribute was extended by G\* indetificators. These serve only for gas area, for electricity not beeing relevant. | V1.10 | |
| 27.9.2010 | SFVOTTDD definition - new subelement *Summary* with use *required* and multiple use was added to the *Rut* element. The element includes following attributes:  *amount\_net\_total* - Total without tax  *tax\_total* - Total VAT  *amount\_total* - The total amount with tax  *currency* - Currency  Following attributes were excluded out of the *Data* element:  *up\_amount\_to* - Amout with tax  *up\_tax\_total* - VAT  The element contains summary amount for the RMP within the Clearing process. | V1.11 | |
| 27.9.2010 | CDSINVOICE definition - change of definition of the *item-id* of the *BaseItemDetail*. The attribute remains of the string type, max. lengnht was reduced to 4 characters. | V1.11 | |
| 27.9.2010 | CDSIDIS definition - change of description of the *id* attribute of the *Meter* element from „PDT id“ to „Meter identification“. | V1.11 | |
| 15.11.2010 | CDSINVOICE definition - following optional attributes were appended to the *Document* element (*DocumentEnvelope->Document*):  *doc-atn* - Number of attachment / sequence attachment number  *doc-ver* - Message version unique id | V1.12 | |
| 15.11.2010 | ISOTEDATA definition - following modification were made:  - the append of the *trade-market-flag* attribute to the *Trade* element*.*The attribute is of use optional. The same change was made in ISOTEREQ definition.  - the enumeration of the *profile-role* attribute of the *Trade* element was expanded by:  SP36 - Day-ahead Market Settlement purchase, negative price of negative energy  SP37 - Day-ahead Market Settlement sale, positive price of positive energy  SC36 - Day-ahead Market Settlement purchase, negative energy at negative price  SC37 - Day-ahead Market Settlement sale, positive energy at positive price  SC50 - Final plan – DM - negative energy - DER bid  SC51 - Final plan – DM - positive energy - DER bid  SC77 - Matched amount of bids for purchase on PXE-futures market  SC78 - Matched amount of bids for sale on PXE-futures market  SC55 - Rounding of imbalances - amount  - the change of description at one of the code list value of the *trade-state* attribute of the *Trade* element:  „S“ - so far „DVS standart derfinition” , now „System order“  Detailed description and impact of the changes is to be found in the document D1.4.4 - IS OTE automatic communication interface. | V1.12 | |
| 6.12.2010 | CDSIDIS definition - following changes were applied:  - change of use of the *Meter* element from *required* to *optional*.  - change of data type of the *tg-fi* attribute from *string* to *decimal*. The value can be entered without decimals, if needed. | V1.12 | |
| 8.12.2010 | ISOTEDATA definition - the enumeration of the *profile-role* attribute of the *Trade* element was expanded by:  SP77 - Matched price of bids for purchase on PXE-futures market  SP78 - Matched price of bids for sale on PXE-futures market | V1.12 | |
| 9.12.2010 | SFVOTBILLINGEMO definition - following changes were applied:  - maximal number of repetitions of the *Deliery* element was raised from 2 to 4  - the enumeration of the *tradeTypeGrp* attribute of the *Data* element (*Stock->Delivery->Data*) was expanded by value PXE-FUT | V1.12 | |
| 9.12.2010 | SFVOTCONFDATA definition - following changes af attributes within *Data* element (*Confirmation->PaymentList->Data*) were applied:  - change of use of the *paymentDate* attribute from required to optional  - change of use of the *paymentStatus* attribute from required to optional  - change of use of the *variableSymbol* attribute from required to optional  - the enumeration of the *tradeType* attribute was expanded by values PF0 and PF2 | V1.12 | |
| 9.2.2011 | SFVOTCONFDATA definition - due to netting introduction the schema definition was modified. The chages are of a greater scale, therefore they are not listed. Respective chapter was updated. | V1.13 | |
| 9.2.2011 | RESPONSE definition - restriction for *msg-code* attribute was extended:  981 - Notification, gate open/closure time of RRD/DM has been changed | V1.13 | |
| 16.2.2011 | New reports for Netting introduced (SFVOTTDDNET and SFVOTTDDSUM). These are described in separate chapters.  Besides, the enumeration of the *msg\_code* attribute was extended in the definition of SFVOTREQ:  460 - LP netting - request  463 - LP BRP summ - request  466 - LP OTE summ - request  And in the definition of RESPONSE:  462 - LP netting - error/confirmation  465 - LP BRP summ - error/confirmation  468 - LP OTE summ - error/confirmation | V1.13 | |
| 18.2.2011 | MASTERDATA definition – new attribute *res-cap-plan* was added to *OPM* element with use *optional*. Attribute serves for entering value of reserved planned capacity. | V1.14 | |
| 18.2.2011 | ETSO messages - the codelist ReasonCodeTypeList was expanded:  Z23 - Schedule has been accepted and is waiting for FS calculation | V1.14 | |
| 4.3.2011 | SFVOTCONFDATA definition - new attributes *paymentStatus, variableSymbol, paymentDate*  with use optional were added to the Data element.  These serve for entering relevant values for trades, not processed in Netting. | V1.14 | |
| 4.3.2011 | SFVOTTDDNETT definition - new attribute *variableSymbol* with use optional was added to the *Netting* element. | V1.14 | |
| 28.3.2011 | RESPONSE definition - restriction for *msg-code* attribute was extended:  175 - Notification about expiration of periodic request validity | V1.15 | |
| 8.4.2011 | MASTERDATA definition – new attributes *res-power* and *supp-blocks* were added to *OPM* element with use *optional*. Attributes serve for entering value of reserved power and count of production blocks.  The *res-cap-plan* attribute was removed from the *OPM* element. | V1.15 | |
| 11.4.2011 | SFVOTCONFDATA definition - at the participant´s request, folowing modification were made:  - maximum occurence of the *Netting* element was reduced to 4  - maximum occurence of the *Conversion* element was reduced to 1 | V1.15 | |
| 20.5.2011 | SFVOT reports - by reason of zero use, the report for sending summary information Clearing LP. Message formats were modified as follows:  SFVOTTDDSUM format - removed  SFVOTREQ format - the enumeration of the *msg\_code* attribute was reduced:  463 - Summary LP by BRP - request  466 - Summary LP by OTE - request  RESPONSE format - the enumeration of the *msg\_code* attribute was reduced:  465 - Summary LP by BRP - error/confirmation  468 - Summary LP by OTE - error/confirmation  Respective chapter was removed from the document. | V1.16 | |
| 20.5.2011 | New message format SFVOTLIMITS for passing the status of financial limit will be introduced. The format is common both for electricity and gas.  The form will be published within final version of documentation. | V1.16 | |
| 20.5.2011 | MASTERDATA definition - decription mistake by msg\_codes 245 and 249 was corrected. These were swapped. | V1.16 | |
| 10.6.2011 | CDSDATA definition - following changes in definiton were made:  The enumeration of the *profile-role* attribute was expanded:  P11 - Predicted production for positive imbalace  P12 - Predicted consumption for positive imbalace  P11 - Predicted production for negative imbalace  P12 - Predicted consumption for negative imbalace  TPx - Predicted temperature - temperature area x  TQx - Flat predicted temperature - temperature area x  The enumeration of the *message-code* attribute was expanded:  673 - Data of predicted production/consumption for BRP | V1.16 | |
| 10.6.2011 | CDSREQ definition - enumerace atributu *message-code* doplněna o idetifikátory:  671 - Dotaz na hodnoty predikované spotřeby/výroby za SZ | V1.16 | |
| 10.6.2011 | Definice zprávy RESPONSE - the enumeration of the *message-code* attribute was expanded:  672 - Confirmation/error message of Request for predicted production/consumption data for BRP | V1.16 | |
| 10.6.2011 | The shape of SFVOTLIMITS message format was published. The format will be used for passing the status of financial limit. Another message formats were modified as follows:  SFVOTREQ definition - the *msg\_code* attribute enumeration was extended by:  463 - Financial limit status - request  RESPONSE definition - the *msg\_code* attribute enumeration was extended by:  465 - Financial limit status - error/confirmation | V1.16 | |
| 10.6.2011 | MASTERDATA definition - following modifications were made:  The *res-power* attribute - change of description  The *supp-blocks* attribute - removed  New attribute *supp-block-power* was appended at the level of *OPM* element. The attribute is optional and serves for entering the value of installed power output of the most powerful production block. | V1.16 | |
| 10.6.2011 | SFVOTBILLINGSUM and SFVOTCLAIMSUM definiton - the enumeration of the *tradeType* attribute was extended:  IM consumption - el. tax settlement | V1.16 | |
| 22.7.2011 | MASTERDATA definition – new element clearing with use optional was added to the Data element. The attribute is used in the imbalance responsibility transfer communication scenario (clearing). | V1.17 | |
| 22.7.2011 | Definice zprávy CDSREQ definition – new attributes *chs-status, import-date-time-from* and *import-date-time-to* with use *optional* were appended to the *Location* element. Attributes can be used as additional criteria when requesting the extract of change of supplier processing. | V1.17 | |
| 22.7.2011 | CDSINVOICE definition - the enumeration of the *item-type* attribute (DocDetail->ListOfPDTBlocks->PDTBlock->ListOfBillingItems->BillingItem) was expanded by:  GU026 - System services price-LDS  GU027 - OTE settlement price - LDS  GU028 - Renewable and combined heat sources contribution - LDS | V1.17 | |
| 22.7.2011 | SFVOTDTEXPIMP definition - the enumeration of the *tradeType* attribute was reduced by „+DS0“, that was listed by mistake. | V1.17 | |
| 11.8.2011 | SFVOTLIMITS definition - new subelement *ds:Signature* with use optional was added to the root element. The element serve for signing at the level of data. | V1.17 | |
| 22.8.2011 | ISOTEDATA - the enumeration of the „profile-role“ attribute was extended by:  XC01 - Aggregated imbalance SBRP positive for positive price (Mwh)  XC51 - Aggregated imbalance SBRP positive for negative price (Mwh)  XC02 - Aggregated imbalance SBRP negative for positive price (Mwh)  XC52 - Aggregated imbalance SBRP negative for negative price (Mwh)  XP01 - Payments for aggregated imbalance SBRP positive - positive price for positive energy (Kč)  XP51 - Payments for aggregated imbalance SBRP positive - negative price for positive energy (Kč)  XP02 - Payments for aggregated imbalance SBRP negative - positive price for negative energy (Kč)  XP52 - Payments for aggregated imbalance SBRP negative - negative price for negative energy (Kč) | V1.18 | |
| 12.9.2011 | RESPONSE definition - restriction for *message-code* attribute was extended:  990 - Notification about opening of the 2nd auction to the market participants | V1.18 | |
| 24.10.2011 | Following the planned implementation of negative prices at the electricity DM, following shemas´ modification were applied:  SFVOTDTEXPIMP definition - expansion of the enumeration of the tradeType attribute:  DS- - DM export-import - consumption,  DS+ - DM export-import - supply,  DSO - DM export-import (netting)  SFVOTBILLING definition - expansion of the enumeration of the tradeType attribute:  DM- - daily market - consumption,  DM+ - daily market - supply,  DS- - DM export-import – consumption,  DS+ - DM export-import – supply  SFVOTBILLINGEMO definition - expansion of the enumeration of the tradeTypeGrp attribute:  PX- - Daily market (PXE) - consumption,  PX+ - Daily market (PXE) - supply,  PF- - Daily market (PXE Future)- consumption,  PF+ - Daily market (PXE Future)- supply  SFVOTCLAIM - definition - expansion of the enumeration of the tradeType attribute:  DM- - daily market - consumption,  DM+ - daily market - supply,  DS- - DM export-import – consumption,  DS+ - DM export-import - supply  SFVOTCONFDATA definition - expansion of the enumeration of the tradeType attribute:  DM- - Daily market - consumption  DM+ - Daily market - supply  DS- - DM export-import - consumption  DS+ - DM export-import - supply  PX- - Daily market (PXE) - consumption  PX+ - Daily market (PXE) - supply  PF- - Daily market (PXE Future)- consumption  PF+ - Daily market (PXE Future)- supply | V1.19 | |
| 24.10.2011 | ISOTEDATA definition - the enumaration of the profile-role attribute was expanded by XC03 - XC10; XC53 - XC60 a XP03 - XP10; XP53 - XP60. Detailed description is to be found in the document D1.4.4 - IS OTE automatic communication. | V1.19 | |
| 24.10.2011 | Chapter 4 - Message overview - new table with supporetd message formats was inserted. Translation will be done to final version. | V1.19 | |
| 24.10.2011 | Restoration of msg\_codes 261 a 262 (Reponse format ):  261 - Error / Confirmation of receiving planned consumption values (B)  262 - Error / Confirmation of receiving planned production values (A,B) | V1.19 | |
| 13.11.2011 | ISOTEDATA definition - the restiction of the period attribute of the Data element was corrected. | V1.19 | |
| 26.11.2011 | Due to the change of legislation for chege of supplier process following changes in message formats werw applied:  MASTERDATA definition:  - append of chs-type, contract-type, rejection-reason, chs-reason attributes with use optional at the level of Data element .  - append of Activity element with use optional with type, party, date-time, comment, reason attributes.  - the restiction of the message-code attribute was expanded:  138 - Request for suspension of the change of supplier process  148 - Copy of a message with a request for suspension of the change of supplier process  150 - Confirmation of customer’s consent with change of supplier  158 - Copy of confirmation of customer’s consent with change of supplier  178 - Results of evaluation of request for change of supplier  179 - Copy of the change of supplier progress information  182 - Copy of confirmation/rejection of assignment of responsibility for imbalance for the point of delivery  183 - Request for extension / reduction of supply by current supplier  185 - Copy of the request for extension / reduction of supply by current supplier  186 - Approbation with imb. resp. transfer within supply extension / reduction  188 - Copy of the approbation with imb. resp. transfer within supply extension / reduction  189 - Message about possible reservation of distribution or transport capacity within supply extension / reduction  191 - Copy of a message about possible reservation of distribution or transport capacity within supply extension / reduction  274 - Approval/rejection of request for change of subject of settlement by the subject of settlement  276 - Copy of approval/rejection of request for change of subject of settlement by the subject of settlement  RESPONSE definition:  - the restiction of the message-code attribute was expanded:  144 - Confirmation of acceptance/rejection of a message with a request for suspension of the change of supplier process  157 - Confirmation of acceptance/rejection of a message with confirmation of customer’s consent with change of supplier  181 - Confirmation of acceptance/rejection of a message with confirmation/rejection of assignment of responsibility for imbalance for the point of delivery  184 - Confirmation of / Error in request for extension / reduction of supply by current supplier  187 - Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction  190 - Confirmation of acceptance/rejection of a message about possible reservation of distribution or transport capacity within supply extension / reduction  275 - Sending of confirmation of acceptance/rejection of a message with request for change of subject of settlement by the subject of settlement | V1.20 | |
| 13.12.2011 | MASTERDATA definition - the restiction of the message-code attribute was expanded:  AR9 - Non-measured consumption - PDT without registration in CS OTE | V1.20 | |
| 13.12.2011 | MASTERDATA definition - change of use of Party element from required to optional. | V1.20 | |
| 21.2.2012 | CDSIDIS definition - change of maximal number of characters of the *name* attribute of the *MP* elemement was reduced from 30 to 12. | V1.21 | |
| 21.2.2012 | SFVOTLIMITS definition - the enumeration of the *type* attribute of the *Date* element (*Limits->Participant->DataGroups->UtilizationData*) was expanded by ZTR and DP6, which are used for gas only. | V1.21 | |
| 9.3.2012 | CDSDATA definition - correction of description at the profile roles GN3 and GN4. | V1.21 | |
| 20.4.2012 | New message format COMMONMARKETREQ was introduced. It will serve for message handover within asynchronous MarketService communication. Description can be found in a separate chapter.  In this context, definition of RESPONSE message formar was applied. The enumeration of the message-code attribute was expanded by:  924 - Confirmation/error message for sending of request for output data handover - MarketService  996 - Confirmation of server-server connection control and sending of non-sent messages - MarketService. | V1.22 | |
| 21.6.2012 | MASTERDATA definition - following changes were applied:  - the restiction of the *message-code* attribute was expanded:  373 - Service restricted list of PDT  - append of *date-time* attribute with use optional at the level of *Workflow* element  - the restiction of the *chs-reason* attribute (*Data* element) was expanded:  P1 - PDT supply extension  Z2 - PDT supply retriction  - the restiction of the *reason* attribute (*Activity* element) was expanded:  ARA - Non-submission of a connection request | V1.23 | |
| 21.6.2012 | RESPONSE definition - following changes were applied:  - the restiction of the *msg-code* attribute was expanded:  372 - Error message for sending service restricted list of PDT  - append of *block-id* attribute with use optional at the level of *Reason* element | V1.23 | |
| 21.6.2012 | CDSREQ definition - following changes were applied:  - the restiction of the *msg-code* attribute was expanded:  371 - Request for service restricted list of PDT  - append of *rut-identification* and *service* attributes with use optional at the level of *Location* element | V1.23 | |
| 21.6.2012 | ETSO messages - the RoleTypeList codelist was expanded by:  A36 - Coordinated capacity Operator  C01 - Market Coupling Operator / Price coupling system | V1.23 | |
| 21.6.2012 | RESPONSE definition - the restiction of the *msg-code* attribute was expanded:  904 - ATC publication delay  905 - GCT of bids submission displacement  906 - DM results delay  907 - DM results delay,  decoupling possibility  908 - Decoupling  New messages codes will be used from 1st September 2012. | V1.23 | |
| 9.7.2012 | CDSREQ definition - append of new attribute *rut-service* with use optional to the *Location* element. Relevant communication scenario (msg\_codes 371, 372, 373) will be used from 1st September 2012. | V1.23 | |
| 9.7.2012 | SFVOTBILLING, SFVOTCLAIM and SFVOTCONFDATA definition - the enumeration of the tradeType was expanded:  SD- - Shipping on DM – consumption  SD+ - Shipping on DM - supply  New trade types will be used from 1st September 2012. | V1.23 | |
| 24.8.2012 | RESPONSE definition - the restiction of the *msg-code* attribute was expanded:  909 - Zero ATC values  910 - ATC publication delay, decoupling possibility | V1.24 | |
| 5.11.2012 | MASTERDATA definition – due to legislative changes following modifications were applied:  - append of the *contract-negotiation-type* attribute at the level of Data element  - the enumeration of the reason attribute of the Activity element was expanded:  ARB – wrong value of requested reserved capacity  ARC – earlier date of distribution beginning than in the application  ARD – later date of distribution beginning than in the application  ARE – contract stepping down according to §11a par. 2 EL and supply continuation by the current supplier  - the enumeration of the chs-reason attribute of the Data element was expanded:  P2 – Supply prolongation based on customer stepping down from other contracts accordimg to §11a par. 2 EL  V1 – Change f supplier in new conncted production plant  - the enumeration of the contract-type attribute of the Data element was expanded:  GBC - Government bill cost  FTC – Forced trading cost  MTC – Market trading cost | V1.25 | |
| 5.11.2012 | New message format CDSLDSREPORT was introduced. It will be used for sending LDS mothly statement. Description can be found in separate chapter. | V1.25 | |
| 5.11.2012 | RESPONSE definition - the restiction of the *msg-code* attribute was expanded:  278 - Confirmation of/Error in monthly LDS statement  281 - Confirmation of/Error in request for monthly LDS statement | V1.25 | |
| 5.11.2012 | CDSREQ definition- the restiction of the *msg-code* attribute was expanded:  280 - Request for monthly LDS statement | V1.25 | |
| 18.2.2013 | CDSREQ definition - Request for monthly LDS statement:  674 - Request for corr. LP | V1.26 | |
| 18.2.2013 | CDSREQ - the enumeration of the *profile-version* attribute of the *Location* element was expanded:  11 – Dataversion for monthly clearing  21 – Data version for final monthly clearing | V1.26 | |
| 18.2.2013 | RESPONSE definition - the restiction of the *msg-code* attribute was expanded:  675 - Error, conf. of req. for corr. LP | V1.26 | |
| 18.2.2013 | CDSDATA definition - the restiction of the *msg-code* attribute was expanded:  676 - LP corr. to temperature and rest bil. | V1.26 | |
| 18.2.2013 | CDSDATA - the enumeration of the *profile-role* attribute of the *Location* element was expanded:  DBxy - DBxy-LP diagram corr. to temp. and rest bil. for „x“ temp. area and „y“ LP class | V1.26 | |
| 18.2.2013 | CDSDATA definition - the enumeration of the *profile-version* attribute of the *Location* element was expanded:  11 – Dataversion for monthly clearing  21 – Data version for final monthly clearing | V1.26 | |
| 18.2.2013 | CDSIDIS definition - the enumeration of the *version* attribute of the *OPM* element was expanded by:  00 – Data version for daily settlement  01 – Data version for preliminary monthly settlement  10 – Data version for preliminary settlement  11 – Data version for monthly clearing  21 – Data version for final monthly clearing | V1.26 | |
| 11.3.2013 | SFVOTREQ definition - the enumeration of the message-code attribute was extended:  466 - LP netting - request  469 - Final Settlement of Clearing Differences - request  472 - Final Settlement of Clearing Differences - request | V1.26 | |
| 11.3.2013 | RESPONSE definition - the enumeration of the message-code attribute was extended:  468 - LP netting - final settlement - error/confirmation  471 - Final Settlement of Clearing Differences - error/confirmation  474 - Final Settlement of Clearing Differences OTE - error/confirmation | V1.26 | |
| 11.3.2013 | SFVOTTDD definition - the enumeration of the message-code attribute was extended:  470 - Final Settlement of Clearing Differences  473 - Final Settlement of Clearing Differences - OTE | V1.26 | |
| 11.3.2013 | SFVOTTDDNETT definition - the enumeration of the message-code attribute was extended:  467 - LP netting - final settlement | V1.26 | |
| 11.3.2013 | SFVOTTDD definition – append of new *version* attribute at the level of *Data* element (*Clearing -> Rut -> Period -> Data*) and *Summary* element (*Clearing -> Rut -> Period -> Summary)*. The attribute is of use *optional.* | V1.26 | |
| 11.3.2013 | SFVOTTDDNETT definition – append of new *version* attribute at the level of *Clearing* element. The attribute is of use *optional*. | V1.26 | |
| 9.4.2013 | ISOTEREQ definition - restriction for *msg-code* attribute was extended:  914 - Request for current market results | V1.27 | |
| 9.4.2013 | RESPONSE definition - restriction for *msg-code* attribute was extended:  915 - Request for current market results - error / confirmation | V1.27 | |
| 9.4.2013 | ISOTEDATA definition - restriction for *msg-code* attribute was extended:  916 - Request for current market results - copy of data | V1.27 | |
| 9.4.2013 | ISOTEDATA definition – restriction for *profile-role* attribute of the *ProfileData* element was extended:  P73 - Traded volume price of the last accepted bid on IM | V1.27 | |
| 22.4.2013 | CDSIDIS definition – the enumeration of the *mr-status* attribute at the *Meter* element was expanded by:  CHS - Change of supplier | V1.28 | |
| 25.4.2013 | SFVOTREQ definition – the enumeration of the *message-code* attribute was restricted by:  412 - LP differences settlement  415 - OTE LP differences settlement  The purpose of following msg\_code was changed:  469 - Final Settlement of Clearing Differences - request. It replaces code 412.  472 - Final Settlement of Clearing Differences - request. It replaces code 415. | V1.28 | |
| 25.7.2013 | CDSIDIS definition – the enumeration of the *status* attribute of the *OPM* element was expanded by:  HST – Change of supplier | V1.29 | |
| 8.8.2013 | TEMPERATURE definition - the enumeration of the *message-code* attribute was expanded by:  531 - Message for sending predicted temperatures | V1.29 | |
| 8.8.2013 | RESPONSE definition - the enumeration of the *message-code* attribute was expanded by:  532 - Error in / Confirmation of predicted temperatures data receival | V1.29 | |
| 26.9.2013 | MASTERDATA definition – append of new *supp-blocks* attribute at the level of the *OPM* element.The attribute is of the use optional. | V1.30 | |
| 26.9.2013 | CDSLDSREPORT definition – append of new *rep-type* and *version* attributes at the level of *Data* element. The attributes are of the use optional. | V1.30 | |
| 26.9.2013 | Correction of the exemple of electronic aggregated invoice (CDSINVOICE format). There was a mistake in the coding-scheme attribute value of the DataProvider element. | V1.30 | |
| 9.12.2013 | CDSGASCLAIM definition – change of use of the attributes:  action-id of the Action element from required to optional  date-time of the Action element from required to optional  The change is made at the request of market paticipants. | V1.31 | |
| 9.12.2013 | CDSGASCLAIM definition – removal of the enumeratin of the content-type attribute at the Attachment element. | V1.31 | |
| 10.12.2013 | CDSIDIS definition – append of an optional attribute *qty-prod* at the level of the *DataMO* element. | V1.31 | |
| 9.4.2014 | ISOTEREQ definition - the enumeration of the *message-code* attribute was expanded by:  703 - Request for ATC from TSO – internal  The change has no impact to the market participants. | V1.32 | |
| 28.4.2014 | CDSINVOICE defnition – change of maximal occurances of the *DocumentTotal* element (DocumentEnveloppe -> Document -> DocSummary) from 2 to 10. | V1.33 | |
| 5.5.2014 | New message format CDSSYSTSERVREPORT was introduced. The message will be used for szstem services settlement report. The description can be found in a separate chapter. Besides, following modification of existing formats were applied:  CDSREQ:  - new *syst-serv-status* attribute was appended at the level of *Location* element with use optional  - the enumeration of the *message-code* attribute was expanded by:  286 - Request for system services settlement report  RESPONSE:  - the enumeration of the *message-code* attribute was expanded by:  284 - System services settlement report - confirmation / error  287 - Request for system services settlement report - confirmation / error | V1.33 | |
| 29.8.2014 | ISOTEREQ definition - the enumeration of the *message-code* attribute was reduced of:  703 - Request for ATC from TSO – internal | V1.34 | |
| 29.8.2014 | MASTERDATA definition – change of description at one of the value of the *uob* attribute enumeration*:*  CBA - Yes (Retained for backward compatibility. When specified in registration message 111, this will be rejected.) | V1.35 | |
| 9.10.2014 | Definice ISOTEDATA – following modifications were applied:  Change of description of profile roles XC03, XC04, XC53, XC54, XP03, XP04, XP53, XP54  The enumeration of the *profile-role* attribute of the *ProfileData* element was expanded by XC11, XC12, XC61, XC62, XP11, XP12, XP61, XP62.  Append of the *Category*, *AcceptRatio, ParentBlock, ExclsGroup* attibutes at the *Trade* element.The attributes are of use optional. | V1.35 | |
| 24.10.2014 | Definice ISOTEDATA – the enumeration of the *profile-role* attribute of the *ProfileData* element was expanded byBS01 to BS25. | V1.35 | |
| 6.11.2014 | SFVOTLIMITS definition - the enumeration of the *type* attribute of the *Data* element was expanded by: REVF - Utilization of risk exposure flex/excl. bids DM | V1.35 | |
| 27.1.2015 | SFVOTCONFDATA definition – the enumeration of the *tradeType* attribute was expanded by:  EMP – State of emergency - gas | V1.36 | |
| 27.1.2015 | RESPONSE definition – append of an optional attribute *result-code* at the level of the *Reason* element. | V1.36 | |
| 18.3.2015 | ETSO messages, StatusRequest format – change of the name of the *ReqCounterparty* element to *ReqCounterParty*. | V1.37 | |
| 29.9.2015 | ISOTEDATA definition - the enumeration of the *profile-role* attribute of the *ProfileData* element was extended:  ST18 - REMIT Fix Fee electricity  XC65 - REMIT Count of reported orders – elektricity  XP65 - REMIT Variable Fee order electricity  XC66 - REMIT Count of reported transactions - electricity  XP66 - REMIT Variable Fee transaction electricity | V1.38 | |
| 29.9.2015 | SFVOTBILLING, SFVOTBILLINGSUM, SFVOTCLAIM, SFVOTCLAIMSUM definition – the enumeration of the *tradeType* attribute of the *tradeType* element was extended:  R01 – REMIT fixed fee  R02 - REMIT transaction fee  R03 - REMIT order fee | V1.38 | |
| 29.9.2015 | CDSINVOICE definition – change of restriction at the *country* and *bank-country* attributes. The attributes can have from 1 to 3 characters. | V1.38 | |
| 30.11.2015 | CDSIDIS definition – following modifications were applied:  - *OPM* element – new attribues *inv\_id, qty-VT, qty-NT, contract-type* were added  DUF VO block  - *PmaxNT* element was added  - *MP* element – *Eract* element was added  - *Price* element was added  DUF MO block  - change of description of the *inv\_id, qty-VT, qty-NT* attributes of the *DataMO* element  - *PriceMO* element was added  Above specified changes were communicated to market participants by a separate way. | V1.39 | |
| 30.11.2015 | CSDINVOICE definition – the enumeration of the *unit* attribute of the *BaseItemDetail* element was extended by „A\*month“ and „kW“. | V1.39 | |
| 30.11.2015 | MASTERDATA definition – following modifications were applied:  - the enumeration of the *message-code* attribute was expanded by:  192 – Request for supplier/subject of settlement mass change  193 - Supplier/subject of settlement mass change  - new attributes *num-phase*, *cir-breaker,* *dist-rate-type,* *contract-type, micro-source* were added to the *OPM* element  - the enumeration of the *disc-reason* attribute of the *OPM* element was expanded by:  07 – Unauthorized supply odběr  08 – Unauthorized distribution  09 – Deactivation  - change of type at the *mrsend-susp* attribute of the *OPM* element from boolean to string with enumeration restriction  - the enumeration of the *chs-reason* attribute of the *Data* element was expanded by „H1“  - the enumeration of the *chs-type* attribute of the *Data* element was expanded by „CTC“  - the enumeration of the *type* attribute of the *Activity* element was expanded by „CTC“  - the enumeration of the *contract-negotiation-type* attribute of the *Data* element was expanded by „D“ |  | |
| 30.11.2015 | CDSCLAIM definition - the enumeration of the *claim-type* attribute was expanded by:  CDS6 - Company transformation | V1.39 | |
| 30.11.2015 | ISOTEDATA definition – the enumeration of the *message-code* attribute was restricted by values „SC41“, „SC44“, „SP41“. | V1.39 | |
| 30.11.2015 | SFVOTBILLING, SFVOTBILLINGSUM, SFVOTCLAIM, SFVOTCLAIMSUM, SFVOTCONFDATA definition - the enumeration of the *tradeType* attribute of the *tradeType* element was expanded by:  VT+ - Positive RE from BalM  VT- - Negative RE from BalM | V1.39 | |
| 3.12.2015 | CDSIDIS definition – change of use of the *Item* element. The use is optional in *Price* a *PriceMO* elements. | V1.39 | |
| 3.12.2015 | Definice ISOTEDATA – following modification were applied:  - change of description of profile roles SC40, SF11, SF12, SF61, SF62, SG11, SG12, SG61, SG62, SP40  - the enumeration of the *profile-role* attribute of the *ProfileData* element was expanded by XC67, XC68, XC69, XC70, XP67, XP68, XP69, XP90 | V1.39 | |
| 18.1.2016 | CDSLDSREPORT definition – append of the *Row* element at the level of *Data* element. The use is optional. Besides was made a change of descrition at some attributes. | V1.40 | |
| 26.1.2016 | CDSIDIS definition – change of restriction at the *qty* attribute of the *Item* element. The value can be entered with 4 decimals. | V1.40 | |
| 19.2.2016 | CDSIDIS definition – change of restriction at following attributes:  Element *PriceMO*, attribute *cir-breaker* – value can be entered with 1 decimal  Element *Price*, attribute *total* - value can be entered negative and with 2 decimals  Element *Item*, attribute *unit-price* – value can be entered negative and with 4 decimals  Element *Item*, attribute *price* – value can be entered negative and with 2 decimals | V1.41 | |
| 19.2.2016 | MASTERDATA definition – change of restriction at following attributes:  Element *OPM*, attribute *cir-breaker* – value can be entered with 1 decimal | V1.41 | |
| 29.2.2016 | ISOTEDATA definition – following modificatons were applied:  - the enumeration of the *message-code* attribute was expanded by:  889 - BaIM results prices  - the enumeration of the *profile-role* attribute of the *ProfileData* element was expanded by:  XC13 - Amount in MWh in the trading hour for specified BalM order (for RE + positive value, for RE- negative value)  XC14 - System imbalance in the specified trading hour in MWh (positive/negative value)  XP13 - The price at which the order was traded on BalM in the specified trading hour in CZK/MWh (positive/negative value)  XP14 - The final settlement price of RE from BalM in the specified trading hour in CZK/MWh (positive/negative value)  XP15 - Weighted average settlement price (weight is amount) of the total RE in the specified trading hour, which emerges from trading RE on BalM and RE from AnSn in CZK/MWh (positive/negative value)  XP16 - Weighted average settlement price (weight is amount) of RE in the specified trading hour, which emerges from trading RE on BalM in CZK/MWh (positive/negative value)  XP17 - Weighted average settlement price (weight is amount) of RE from Ans in the specified trading hour in CZK/MWh (positive/negative value) | V1.42 | |
| 29.2.2016 | RESPONSE definiton - the enumeration of the *message-code* attribute was expanded by:  888 - BaIM results prices - confirmation/error | V1.42 | |
| 29.2.2016 | ISOTEREQ definition - the enumeration of the *message-code* attribute was expanded by:  887 - Výsledné ceny z VT – Zúčtování VT – dotaz | V1.42 | |
| 29.2.2016 | SFVOTREQ definition - the enumeration of the *message-code* attribute was expanded by:  475 - Billing report ČEPS - PSK - request  478 - Claim report ČEPS - PSK - request | V1.42 | |
| 29.2.2016 | Introduction of new SFVOTPSK format. Addditional informatiin can be found in the new chapter. | V1.42 | |
| 29.2.2016 | RESPONSE definition - the enumeration of the *message-code* attribute was expanded by:  477 - Billing report ČEPS - PSK - error/confirmation  480 - Claim report ČEPS – PSK - error/confirmation | V1.42 | |
| 11.4.2016 | MASTERDATA definition – the enumeration of the *rejection-reason* attribute of the *Data* element was expanded by:  98 – Change of original supplier | V1.43 | |
| 11.4.2016 | Definice CDSREQ – append of new attrinutes *chs-type* and *chs-reason* at the level of the *Location* element. Attribues are of the use optional. | V1.43 | |
| 15.4.2016 | CDSINVOICE definition - the enumeration of the *item-type* attribute (DocDetail->ListOfPDTBlocks->PDTBlock->ListOfBillingItems->BillingItem) was expanded by:  GU029 - Price for exceeding booked input power | V1.43 | |
| 2.6.2016 | SFVOTCONFDATA definition – the enumeration of the *tradeType* attribute of the *tradeType* element was extended by values DVM, DV4, FL+, FL-, used only for gas commodity. | V1.44 | |
| 2.6.2016 | SFVOTLIMITS definition - the enumeration of the *type* attribute of the *Data* element (*Limits->Participant->DataGroups->UtilizationData*) was expanded by values FLP and DVP, used only for gas commodity. | V1.44 | |
| 2.6.2016 | TEMPERATURE definition – append of the new *profile-version* attribute at the level of the *Profile* element. The attribute is of the use optional. | V1.44 | |
| 2.6.2016 | ISOTEDATA definition - the enumeration of the attribute *profile-role* element *ProfileData* was expanded by:  SC41 - Price of last known trade on IDM by GMR  and definition - the enumeration of the attribute *message-code* root element was expanded by:  GVP - Trade request - last known trade price on IDM by GMR - Copy of data  The change is relevant for gas commodity only. | V1.44 | |
| 2.6.2016 | ISOTEREQ - definition - the enumeration of the attribute *message-code* root element was expanded by:  GVN - Trade request - last known trade price on IDM by GMR  The change is relevant for gas commodity only. | V1.44 | |
| 2.6.2016 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  GVO - Trade response - last known trade price on IDM by GMR  The change is relevant for gas commodity only. | V1.44 | |
| 16.6.2016 | MASTERDATA definition - the enumeration of the attribute *typm* element *OPM* was expanded by:  CMM – Metering type M | V1.44 | |
| 16.6.2016 | MASTERDATA definition - the enumeration of the attribute *typm* element *Location* was expanded by:  CMM – Metering type M | V1.44 | |
| 14.7.2016 | SFVOTLIMITS definition - the enumeration of the attribute *type* element *Data* was expanded by:  REVF - utilization of risk exposure flex/excl. bids DM | V1.45 | |
| 28.7.2016 | SFVOTLIMITS definition - the enumeration of the attribute message-code root element was expanded by:  482 - Current value of limit VDT/VT | V1.46 | |
| 28.7.2016 | RESPONSE definition - the enumeration of the attribute message-code root element was expanded by:  483 - Error / confirmation set the limit at VDT / VT  485 - Error / confirmation by sending an automatic limit change VDT / VT | V1.46 | |
| 28.7.2016 | New message SFVOTSETTINGS, which is discussed in a separate chapter. | V1.46 | |
| 28.7.2016 | New message SFVOTLIMITCHANGE, which is discussed in a separate chapter. | V1.46 | |
| 6.9.2016 | SFVOTCONFDATA definition - the enumeration of the attribute *TradeType* element *Data* was expanded by:  DV - Service of grid balancing | V1.47 | |
| 14.9.2016 | SFVOTLIMITS definition enumeration of the attribute *type*  element *Data* was changed - one item was renamed from OFF\_V to VDT/VT (Utilization of limit for IM/BalM). | V1.47 | |
| 5.10.2016 | SFVOTEXCHRATE definition – element *ExchRates* was expanded by *OteFinalVdtRate* | V1.47 | |
| 21.10.2016 | CDSDATA definition - the enumeration of the *profile-role* attribute of the *Location* element was expanded:  FX3 - RE ability verification - RE+  FX4 - RE ability verification - RE-  GX3 - RE ability verification - RE+, price  GX4 - RE ability verification - RE-, price  VVN1 - Agregated production VHV  VVN2 - Agregated consumption VHV  VN1 - Agregated production HV  VN2 - Agregated consumption HV  NN1 - Agregated production LV  NN2 - Agregated consumption LV | V1.47 | |
| 9.11.2016 | CDSDATA definition - the enumeration of the *chs-reason* attribute of the *Location* element was expanded:  S5 - Change supplier of DPI, including changes / transcript customer at the supply point | V1.48 | |
| 16.11.2016 | CDSDATA definition - the enumeration of the *profile-role* attribute of the *Location* element was changed:  Values (9):  J71- J79 Temperature TO1- TO9 correction coefficient  are changed for values (72):  J711-J718 Temperature correction coefficient, temp. area 1, TDD class 1-8  J721-J728 Temperature correction coefficient, temp. area 2, TDD class 1-8  J731-J738 Temperature correction coefficient, temp. area 3, TDD class 1-8  J741-J748 Temperature correction coefficient, temp. area 4, TDD class 1-8  J751-J758 Temperature correction coefficient, temp. area 5, TDD class 1-8  J761-J768 Temperature correction coefficient, temp. area 6, TDD class 1-8  J771-J778 Temperature correction coefficient, temp. area 7, TDD class 1-8  J781-J788 Temperature correction coefficient, temp. area 8, TDD class 1-8  J791-J798 Temperature correction coefficient, temp. area 9, TDD class 1-8 | V1.48 | |
| 23.11.2016 | ISOTEDATA definition – append of a new *util-flag* attribute at the level of *Trade* element. The attribute is of the use optional. | V1.49 | |
| 25.1.2017 | CDSREQ definition - the enumeration of the attribute *message-code* root element was expanded by:  314 - Request of ORS for calc. of imbalances and clearing | V1.50 | |
| 25.1.2017 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  315 - Err. mess. to the req. of ORS for calc. of imbal. and clea | V1.50 | |
| 25.1.2017 | CDSDATA definition - the enumeration of the attribute *message-code* root element was expanded by:  316 - Values of ORS for calc. of imbalances and clearing | V1.50 | |
| 25.1.2017 | CDIDIS definition - the maximum number of decimal places was reduced from 3 to 2 with the following attributes:  element *OPM* - atributy: *qty, qty-VT, qty-NT, supplyDS-qty*  element *RecCap* – atributy: *rescap-month, rescap-year*  element *SysServices* – atributy: *cons-PSDS, cons-own*  element *MP* – atribut: *qty*  element *DataMO* – atributy: *qty-VT, qty-NT, cir-breaker, am-enVT, am-enNT, am-rescap, am-renresource, am-comresource, am-distservice, am-sysservice, am-oteservice, am-mrdservice, qty-prod*  element *METER* – atributy: *prim-multiplier, qtyVT, qtyNT, mr-readVTs, mr-readVTe, mr-readNTs, mr-readNTe, mr-addbillVT, mr-addbillNT*  element *ereact\_type* – atribut: *qty*  and the maximum number of decimal places was reduced from 3 to 0 with the following attributes:  element *Pmax* - element *MP* – atribut: *qty*  element *Pmax* - element *OPM* – atribut: *qty*  element *PmaxNT* - element *OPM* – atribut: *qty*  element *PmaxMO* - element *OPM* – atribut: *qty* | V1.50 | |
| 25.1.2017 | CDIDIS definition – date only like day can be sent by these attributes:  element *Price* – atribut: *inv-per-from*  element *OPM* – atribut: *inv-per-from*  element *METER* – atribut: *inv-per-from*  (was able to send the date as month of the year) | V1.50 | |
| 2.3.2017 | MASTERDATA definition – element *OPM -* these attributes was changed:  *disc-reason –* the enumeration of possible values was expanded - 10 „No meter“,  *mrsend-susp* – the value of enumeration 2 was renamed „Suspended for metering data and DGI (deactivated)“ and new value 3 was added „Suspended for metering data and DGI (no meter)“,  *micro-source* – annotation was changed „Micro source/Production under 10 kW“ | V1.51 | |
| 2.3.2017 | MASTERDATA definition – the enumeration of the *reason* attribute of the *Activity* element was expanded:  ARF - No TSO/DSO contract  ARG - Compound contract on HV/VHV | V1.51 | |
| 2.3.2017 | MASTERDATA definition - append of new attribute *planned* type bolean at the level of the *OPM* element. Attribute s of the use optional. | V1.51 | |
| 5.10.2017 | MASTERDATA definition – element *OPM -* these attributes was changed:  *date-from* is optional | V1.52 | |
| 5.10.2017 | MASTERDATA definition - the enumeration of the attribute *message-code* root element was expanded by:  *cons-categ* (Consumption category) | V1.52 | |
| 5.10.2017 | MASTERDATA definition - the enumeration of the attribute *message-code* root element was expanded by:  194 - Ex post PDT registration  196 - Ex post PDT registration – copy  199 – PDT state | V1.52 | |
| 5.10.2017 | CDSREQ definition - the enumeration of the attribute *message-code* root element was expanded by:  197 - Dotaz na stav OPM | V1.52 | |
| 5.10.2017 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  195 - Response to ex post PDT registration  198 - Response to request for PDT state | V1.52 | |
| 23.11.2017 | CDSCLAIM definition – element *CLAIM -* these attributes was added:  version - Internal version of OTE report  template-id - Internal message template identifier | V1.53 | |
| 26.1.2018 | MASTERDATA definition- element *OPM* these attributes was added:  monitor-code - Monitor code value  monitor-to - Valid to  monitor-from - Valid from | V1.54 | |
| 19.4.2018 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  486 - Notification of expiration of the bank guarantee / rating for financial security | V1.55 | |
| 19.4.2018 | CDSCLAIM definition – attribute *claim-subject* element *CLAIM* -definition of string type extended from max 100 to 128 characters | V1.55 | |
| 19.4.2018 | ISOTEDATA definition – some labels modified by XSD (Table 3) | V1.55 | |
| 23.5.2018 | ISOTEDATA definition – append of a new *util-flag* attribute at the level of *Trade* element.(bug fix) | V1.56 | |
| 23.8.2018 | SFVOTLIMITCHANGE definition - the enumeration of the attribute *type* element *Limit* was expanded by: *VDP* | V1.57 | |
| 23.8.2018 | SFVOTLIMITCHANGE definition – the label (only CS) of the attribute *moved* element *Limit* was changed:  Prostředky přesunuté to jiného typu v CZK (do online utilizace krátkodobých obchodů) | V1.57 | |
| 23.8.2018 | SFVOTLIMITCHANGE definition – labels (CS and EN) of enumeration *484* of the attribute *moved* element *Limit* was changed:  Automatická změna limitu VDT/VT pro elektřinu nebo VDT pro plyn  Automatic change limit IM/BAlM for elektricity or IM for gas | V1.57 | |
| 23.8.2018 | SFVOTLIMITS definition – the enumeration of the attribute *type* element *Data* was expanded:  LIM\_VDP - Utilization of limit for IM - gas | V1.57 | |
| 23.8.2018 | SFVOTLIMITS definition – labels of attribute *type* element *Data* was changed:  limitIMBalM - Limit for IM/BalM electricity or IM gas  utilizationIMBalM - Utilization of limit for IM/BalM electricity or IM gas  freeResourcesIMBalM - Free limit IM/BalM elektricity or IM gas | V1.57 | |
| 23.8.2018 | SFVOTLIMITS definition – lables (CS and EN) of enumeration *482* of attribute *message-code* root element was changed:  Aktuální stav limitu VDT/VT elektrina nebo VDT plyn  Current value of limit IM/BalM electricity or IM gas | V1.57 | |
| 23.8.2018 | SFVOTSETINGS definition – the enumeration of the attribute *type* element *Limit* was expanded: VDP | V1.57 | |
| 28.5.2019 | MASTERDATA definition - the language resolution of the annotation of the attribute *sopm* element *OPM* added. | V1.58 | |
| 28.5.2019 | Specification of ETSO templates – the global ETSO template templates updated.  Old versions:  etso-code-lists-v6r4.xsd  etso-core-cmpts-v8r0.xsd  New version:  etso-code-lists-v27r0.xsd  etso-core-cmpts-v22r0.xsd  The main change in the etso-core-cmpts-v22r0.xsd template refers to the *TimeIntervalType* data type, where the restriction is changed (the original only suited to 2019). Further, the restriction of *QuantityType* to decimal (16.4) was modified.  Changes to the etso-code-lists-v27r0.xsd template refer to the *ReasonCodeTypeList* enumeration. These values were added:   |  |  |  | | --- | --- | --- | | Value | Tittle | Definition | | Z01 | In or Out party %s1 is not a subject of settlement and there is no relation to any party responsible for its imbalancies. | identical to*Tittle* | | Z02 | RRD not alowed by balance responsible party of In/Out party %s1. | identical to*Tittle* | | Z03 | In or Out party %s1 without valid contract to access RRD (from %s2 to %s3). | identical to*Tittle* | | Z04 | The user does not have the required permission to realize this operation. | identical to*Tittle* | | Z05 | An invalid request (ESR) data - duplicity or no document found. | identical to*Tittle* | | Z06 | Final external schedule can not be replaced by intermediate one. | identical to*Tittle* | | Z07 | RD annulled by the system due to finish of participant' s registration. | identical to*Tittle* | | Z08 | A subject party is to be either In party or Out party. | identical to*Tittle* | | Z09 | A sender of zeroing schedule is to et he same in the being zeroed schedule. | identical to*Tittle* | | Z10 | There is no shedule to be cancelled. Zeroing schedule has been rejected. | identical to*Tittle* | | Z13 | Receiver role is invalid. | identical to*Tittle* | | Z14 | Classification type invalid. | identical to*Tittle* | | Z15 | Subject role invalid. | identical to*Tittle* | | Z16 | Invalid product. | identical to*Tittle* | | Z17 | Invalid object agregation. | identical to*Tittle* | | Z18 | Unexpected measurement unit. | identical to*Tittle* | | Z19 | Invalid/not supported coding scheme. | identical to*Tittle* | | Z20 | Guarantee limits have not been met. | identical to*Tittle* | | Z21 | Meets guarantee: Guarantee limits are almost used up. | identical to*Tittle* | | Z22 | Other anomaly. | identical to*Tittle* | | Z23 | Schedule has been accepted and is waiting for FS calculation | identical to*Tittle* |   Template global changes are reflected in all templates where these global schemes are imported:   |  |  |  | | --- | --- | --- | | **Dokument** | **Template** | **Import global templates** | | AcknowledgementDocument | acknowledgement-v5r0.xsd | etso-core-cmpts-v22r0.xsd | | AnomalyReport | anomaly-v3r1.xsd | etso-core-cmpts-v22r0.xsd | | CapacityDocument | capacity-document-v4r0.xsd | etso-core-cmpts-v22r0.xsd | | ConfirmationReport | confirmation-v3r1.xsd | etso-core-cmpts-v22r0.xsd | | ScheduleMessage | schedule-v3r1.xsd | etso-core-cmpts-v22r0.xsd | | StatusRequest | status-request-ote-v1r1.xsd | etso-core-cmpts-v22r0.xsd  etso-code-lists-v27r0.xsd | | V1.58 | |
| 4.10.2019 | CDSIDIS definition - the attribute *name of* element *OPM* is removed | V1.59 | |
| 4.10.2019 | MASTERDATA definition – the enumeration of the attribute *typsrc* element *OPM* was expanded:  TER - Virtual PDT for TERRE market (used only by TSO) | V1.59 | |
| 4.10.2019 | CDSDATA definition – the enumeration of the attribute *profile-role* element *Location* was expanded:   |  |  | | --- | --- | | TV11 | Value of RE+ from RR for 1st quarter of an hour - for the solution of imbalances in the CR | | TV12 | Value of RE- from RR for 1st quarter of an hour - for the solution of imbalances in the CR | | TV21 | Value of RE+ from RR for 2nd quarter of an hour - for the solution of imbalances in the CR | | TV22 | Value of RE- from RR for 2nd quarter of an hour - for the solution of imbalances in the CR | | TV31 | Value of RE+ from RR for 3rd quarter of an hour - for the solution of imbalances in the CR | | TV32 | Value of RE- from RR for 3rd quarter of an hour - for the solution of imbalances in the CR | | TV41 | Value of RE+ from RR for 4th quarter of an hour - for the solution of imbalances in the CR | | TV42 | Value of RE- from RR for 4th quarter of an hour - for the solution of imbalances in the CR | | TV13 | Value of RE+ from RR for 1st quarter of an hour - not provided for the solution of imbalances in the CR | | TV14 | Value of RE- from RR for 1st quarter of an hour - not provided for the solution of imbalances in the CR | | TV23 | Value of RE+ from RR for 2nd quarter of an hour - not provided for the solution of imbalances in the CR | | TV24 | Value of RE- from RR for 2nd quarter of an hour - not provided for the solution of imbalances in the CR | | TV33 | Value of RE+ from RR for 3rd quarter of an hour - not provided for the solution of imbalances in the CR | | TV34 | Value of RE- from RR for 3rd quarter of an hour - not provided for the solution of imbalances in the CR | | TV43 | Value of RE+ from RR for 4th quarter of an hour - not provided for the solution of imbalances in the CR | | TV44 | Value of RE- from RR for 4th quarter of an hour - not provided for the solution of imbalances in the CR | | TV15 | Value of RE+ for the 1st quarter of an hour - caused by activating the RR bid for the next quarter hour | | TV16 | Value of RE+ for the 1st quarter of an hour - caused by activating the RR bid for the next quarter hour | | TV25 | Value of RE+ for the 2nd quarter of an hour - caused by activating the RR bid for the next quarter hour | | TV26 | Value of RE+ for the 2nd quarter of an hour - caused by activating the RR bid for the next quarter hour | | TV35 | Value of RE+ for the 3rd quarter of an hour - caused by activating the RR bid for the next quarter hour | | TV36 | Value of RE+ for the 3rd quarter of an hour - caused by activating the RR bid for the next quarter hour | | TV45 | Value of RE+ for the 4th quarter of an hour - caused by activating the RR bid for the next quarter hour | | TV46 | Value of RE+ for the 4th quarter of an hour - caused by activating the RR bid for the next quarter hour | | TV17 | Value of RE+ for the 1st quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TV18 | Value of RE- for the 1st quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TV27 | Value of RE+ for the 2nd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TV28 | Value of RE- for the 2nd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TV37 | Value of RE+ for the 3rd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TV38 | Value of RE- for the 3rd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TV47 | Value of RE+ for the 4th quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TV48 | Value of RE- for the 4th quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TV09 | Value of RE+ not delivered in required quality | | TV00 | Value of RE- not delivered in required quality | | TP11 | Price of RE+ from RR for 1st quarter of an hour - for the solution of imbalances in the CR | | TP12 | Price of RE- from RR for 1st quarter of an hour - for the solution of imbalances in the CR | | TP21 | Price of RE+ from RR for 2nd quarter of an hour - for the solution of imbalances in the CR | | TP22 | Price of RE- from RR for 2nd quarter of an hour - for the solution of imbalances in the CR | | TP31 | Price of RE+ from RR for 3rd quarter of an hour - for the solution of imbalances in the CR | | TP32 | Price of RE- from RR for 3rd quarter of an hour - for the solution of imbalances in the CR | | TP41 | Price of RE+ from RR for 4th quarter of an hour - for the solution of imbalances in the CR | | TP42 | Price of RE- from RR for 4th quarter of an hour - for the solution of imbalances in the CR | | TP13 | Price of RE+ from RR for 1st quarter of an hour - not provided for the solution of imbalances in the CR | | TP14 | Price of RE- from RR for 1st quarter of an hour - not provided for the solution of imbalances in the CR | | TP23 | Price of RE+ from RR for 2nd quarter of an hour - not provided for the solution of imbalances in the CR | | TP24 | Price of RE- from RR for 2nd quarter of an hour - not provided for the solution of imbalances in the CR | | TP33 | Price of RE+ from RR for 3rd quarter of an hour - not provided for the solution of imbalances in the CR | | TP34 | Price of RE- from RR for 3rd quarter of an hour - not provided for the solution of imbalances in the CR | | TP43 | Price of RE+ from RR for 4th quarter of an hour - not provided for the solution of imbalances in the CR | | TP44 | Price of RE- from RR for 4th quarter of an hour - not provided for the solution of imbalances in the CR | | TP15 | Price of RE+ for the 1st quarter of an hour - caused by activating the RR bid for the next quarter hour | | TP16 | Price of RE+ for the 1st quarter of an hour - caused by activating the RR bid for the next quarter hour | | TP25 | Price of RE+ for the 2nd quarter of an hour - caused by activating the RR bid for the next quarter hour | | TP26 | Price of RE+ for the 2nd quarter of an hour - caused by activating the RR bid for the next quarter hour | | TP35 | Price of RE+ for the 3rd quarter of an hour - caused by activating the RR bid for the next quarter hour | | TP36 | Price of RE+ for the 3rd quarter of an hour - caused by activating the RR bid for the next quarter hour | | TP45 | Price of RE+ for the 4th quarter of an hour - caused by activating the RR bid for the next quarter hour | | TP46 | Price of RE+ for the 4th quarter of an hour - caused by activating the RR bid for the next quarter hour | | TP17 | Price of RE+ for the 1st quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TP18 | Price of RE- for the 1st quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TP27 | Price of RE+ for the 2nd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TP28 | Price of RE- for the 2nd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TP37 | Price of RE+ for the 3rd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TP38 | Price of RE- for the 3rd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TP47 | Price of RE+ for the 4th quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TP48 | Price of RE- for the 4th quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | TP09 | Price of RE+ not delivered in required quality | | TP00 | Price of RE- not delivered in required quality | | V1.59 | |
| 4.10.2019 | SFVOTBILLING definition – the enumeration of the attribute atributu *tradeType* element *TradeType* was expanded:  SV- Shipping on IM - consumption  SV+ Shipping on IM - supply | V1.59 | |
| 4.10.2019 | SFVOTBILLINGSUM definition – the enumeration of the attribute atributu *tradeType* element *Dat* was expanded:  SV- Shipping on IM - consumption  SV+ Shipping on IM - supply | V1.59 | |
| 4.10.2019 | SFVOTCLAIM definition – the enumeration of the attribute atributu *tradeType* element *TradeType* was expanded:  SV- Shipping on IM - consumption  SV+ Shipping on IM - supply | V1.59 | |
| 4.10.2019 | SFVOTCLAIMSUM definition – the enumeration of the attribute atributu *tradeType* element *Dat* was expanded:  SV- Shipping on IM - consumption  SV+ Shipping on IM - supply | V1.59 | |
| 4.10.2019 | SFVOTCONFDATA definition – the enumeration of the attribute atributu *tradeType* element *Dat* was expanded:  SV- Shipping on IM - consumption  SV+ Shipping on IM - supply | V1.59 | |
| 20.11.2019 | SFVOTBILLING definition – the enumeration of the attribute atributu *tradeType* element *TradeType* was expanded:  TR+ - Positive RE from TERRE  TR- Negative RE from TERRE | V1.60 | |
| 20.11.2019 | SFVOTBILLINGSUM definition – the enumeration of the attribute atributu *tradeType* element *Dat* was expanded:  TR+ - Positive RE from TERRE  TR- Negative RE from TERRE | V1.60 | |
| 20.11.2019 | SFVOTCLAIM definition – the enumeration of the attribute atributu *tradeType* element *TradeType* was expanded:  TR+ - Positive RE from TERRE  TR- Negative RE from TERRE | V1.60 | |
| 20.11.2019 | SFVOTCLAIMSUM definition – the enumeration of the attribute atributu *tradeType* element *Dat* was expanded:  TR+ - Positive RE from TERRE  TR- Negative RE from TERRE | V1.60 | |
| 20.11.2019 | SFVOTCONFDATA definition – the enumeration of the attribute atributu *tradeType* element *Dat* was expanded:  TR+ - Positive RE from TERRE  TR- Negative RE from TERRE | V1.60 | |
| 20.11.2019 | ISOTEDATA definition – the enumeration of the attribute *profile-role* element *ProfileData* was expanded:  XC71 Auxiliary Services Minus - RE- from TERRE - negative energy for positive amount  XC72 Auxiliary Services Minus - RE- from TERRE - negative energy for negative amount (in case zero price))  XC73 Auxiliary Services Plus - RE+ from TERRE - positive energy for positive amount  XC74 Auxiliary Services Plus - RE+ from TERRE - positive energy for negative amount (in case zero price)  XP71 Auxiliary Services Minus - RE- from TERRE - negative amount of positive energy  XP72 Auxiliary Services Minus - RE- from TERRE - negative amount of negative energy (in case zero price)  XP73 Auxiliary Services Plus - RE+ from TERRE - positive amount of positive energy  XP74 Auxiliary Services Plus - RE+ from TERRE - negative amount of positive energy (in case zero price) | V1.60 | |
| 23.12.2019 | SFVOTTDD definition – new attribute *region* with use optional were added to *Data* element:  region - Region (1 – E.ON Distribuce,2 – PRE Distribuce,3 – ČEZ Distribuce) | V1.61 | |
| 23.12.2019 | SFVOTTDDNETT definition – new attribute *region* with use optional were added to *Data* element:  region - Region (1 – E.ON Distribuce,2 – PRE Distribuce,3 – ČEZ Distribuce) | V1.61 | |
| 8.1.2020 | MASTERDATA definition – the annotations of the *anlart* attribute of the *OPM* element were changed:   |  |  |  | | --- | --- | --- | | enumeration | old annotation | new annotation | | CSU | Generation / import | Production | | CCO | Consumption / export | Consumption | | CGP | Point of delivery DS - DS / DS - TS | Point of transfer DS-DS/TS | | C04 | Point of delivery - virtual PD for RMP | PD for RMP | | C05 | Virtual PD - Calculation per network | Calculation per network | | C07 | Virtula PDT for SofS and network | Summary point for BRP and network | | V1.61 | |
| 8.1.2020 | CDSREQ definition - the enumeration of the attribute *message-code* root element was expanded by:  654 - Request for proportional aggregated ASC2 profile by supplier | V1.61 | |
| 8.1.2020 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  655 - Error in request for proportional ASC2 prof by supplier | V1.61 | |
| 8.1.2020 | CDSDATA definition - the enumeration of the attribute *message-code* root element was expanded by:  656 - Proportional aggregated ASC2 profile data by supplier | V1.61 | |
| 21.1.2020 | RESPONSE definition – the enumeration of the attribute *message-code* root element was changed by:   |  |  |  | | --- | --- | --- | | msg-code | old annotation | new annotation | | 483 | Error / confirmation set the limit at VDT / VT | Error / confirmation set the limit at VDT | | 485 | Error / confirmation by sending an automatic limit change VDT/VT | Error / confirmation by sending an automatic limit change VDT | | V1.62 | |
| 21.1.2020 | SFVOTEXCHRATE definition – the annotations of the *OteFinalVdtRate* attribute of the *ExchRates* element were changed:  old annotation – The OTE final rate value for IM/BalM trades  new annotation - The OTE final rate value for IM trades | V1.62 | |
| 21.1.2020 | SFVOTLIMITCHANGE definition - the enumeration of the *type* attribute of the *Limit* element were changed:  old value – VDT/VT  new value – VDT  and the annotation of the *msg*-*code* atribut root element was changed:  old annotation - Automatic change limit IM/BAlM for elektricity or IM for gas  new annotation - Automatic change limit IM for elektricity or IM for gas | V1.62 | |
| 21.1.2020 | SFVOTLIMITS definition - the enumeration of the *type* attribute of the *UtilizationData*-*Data* element were changed:  old value  VDT/VT – Utilization of limit for IM - electricity  new value  LIM\_VDT - Utilization of limit for IM/BalM | V1.62 | |
| 21.1.2020 | SFVOTLIMITS - the enumeration of the *type* attribute of the *TotalsData*-*Data* element were changed:  old values  limitIMBalM - Limit for IM/BalM electricity or IM gas  utilizationIMBalM - Utilization of limit for IM/BalM electricity or IM gas  freeResourcesIMBalM - Free limit IM/BalM elektricity or IM gas  new values  limitIM - Limit for IM electricity or IM gas  utilizationIM - Utilization of limit for IM electricity or IM gas  freeResourcesIM - Free limit IM elektricity or IM gas | V1.62 | |
| 21.1.2020 | SFVOTLIMITS the annotations of the *msg*-*code* attribute of the root element were changed:  old annotation  482 - Current value of limit IM/BalM electricity or IM gas  new annotation  482 - Current value of limit IM electricity or IM gas | V1.62 | |
| 21.1.2020 | SFVOTSETTINGS definition - the enumeration of the *type* attribute of the *Limit* element were changed:  old value  VDT/VT  new value  VDT | V1.62 | |
| 29.4.2020 | CDSDATA – new optional attributes *split-counter* and *split-last* of root element were added:  split-counter - Message order within response  split-last - Last message | V1.63 | |
| 29.4.2020 | CDSIDIS – new optional attributes *split-counter* and *split-last* of root element were added:  split-counter - Message order within response  split-last - Last message | V1.63 | |
| 29.4.2020 | CDSCLAIM – new optional attributes *split-counter* and *split-last* of root element were added:  split-counter - Message order within response  split-last - Last message | V1.63 | |
| 29.4.2020 | MASTERDATA - the annotation of the enumeration *ARE* of the *reason* attribute of the *Activity* element were changed:  Old annotation:  ARE – Odstoupení od smlouvy podle § 11a odst. 2 EZ a pokračování dodávek od stávajícího dodavatele  New annotation:  ARE – Odstoupení od smlouvy podle § 11a odst. 2 a 3 EZ (do termínu dle vyhlášky) a pokračování dodávek od stávajícího dodavatele | V1.63 | |
| 27.8.2020 | New message SFVOTEMGSTATE, which is discussed in a separate chapter. | V1.64 | |
| 27.8.2020 | New message SFVOTEMGSTATENETT, which is discussed in a separate chapter. | V1.64 | |
| 27.8.2020 | New message SFVOTEMGSTATEINV, which is discussed in a separate chapter. | V1.64 | |
| 27.8.2020 | CDSREQ definition - the enumeration of the attribute *message-code* root element was expanded by:   |  |  | | --- | --- | | 487 | REQUEST FOR EMERGENCY STATE CZ | | 490 | REQUEST FOR EMERGENCY STATE - DAY-AHEAD MARKET | | 493 | REQUEST FOR EMERGENCY STATE INTRADAY MARKET | | 496 | REQUEST FOR STATE OF EMERGENCY VERSION 1 - NETTING | | 499 | REQUEST FOR STATE OF EMERGENCY VERSION 2 - NETTING | | 502 | REQUEST FOR STATE OF EMERGENCY – PAID PAYMENTS OTE | | V1.64 | |
| 27.8.2020 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:   |  |  | | --- | --- | | 489 | EMERGENCY STATE CZ - ERROR, CONFIRMATION | | 492 | EMERGENCY STATE - DAY-AHEAD MARKET - ERROR, CONFIRMATION | | 495 | EMERGENCY STATE INTRADAY MARKET - ERROR, CONFIRMATION | | 498 | STATE OF EMERGENCY VERSION 1 - NETTING - ERROR, CONFIRMATION | | 501 | STATE OF EMERGENCY VERSION 2 - NETTING - ERROR, CONFIRMATION | | 504 | STATE OF EMERGENCY – PAID PAYMENTS OTE - ERROR, CONFIRMATION | | V1.64 | |
| 27.10.2020 | SFVOTEMGSTATEINV definition  - the *Paymants* element has been renamed to *Paymant* and moved to the *Data* element  - the *payment* attribute of the *Paymant* element has been renamed to *amount*  - the *paymanteDate* attribute of the *Paymant* element has been renamed to *date*  - *vesion* and *period* attributes have been added to the *Data* element  - the *version* attribute of the *EmgState* element has been deleted | V1.65 | |
| 27.10.2020 | MASTERDATA - the annotation of the *id* attribute of the *Party* element was changed:  Old annotation:  Participant Id (EAN 18)  New annotation:  Participant Id (EAN 13) | V1.65 | |
| 29.4.2021 | MASTERDATA definition -the enumeration of the attribute *typsrc* element *OPM* was expanded by:  AGR - Aggregation block (Ancillary services only) | V1.66 | |
| 7.6.2021 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  955 - (UMM\_01a) Delay in final Market Coupling Results publication  956 - (UMM\_02) Risk of Partial Decoulpilng for one or more interconnectors  957 - (UMM\_03) One or more interconnectors decoupled  958 - Full decoupling known in adcance - detail info  959 - Decoupling CZ area - detail info  960 - Full decoupling - detail info  974 - (ExC\_03a) Risk of Partial Decoupling  975 - (ExC\_04a) Partial Decoupling – Reopening of the order books  976 - (ExC\_05a) Partial Decoupling known in advance  977 - (ExC\_06) Delay in Market Coupling Results publication due to curtailment at max price detected in Lithuania, Finland or Sweden | V1.67 | |
| 25.10.2021 | MASTERDATA definition – new attributes of element *OPM* were added:  opm-main - Main OPM  typ-pm - Identification of the handover point for TVS | V1.68 | |
| 25.10.2021 | MASTERDATA definition – new atributte of element *Data* was added:  multiple-mp - More transfer point | V1.68 | |
| 25.10.2021 | MASTERDATA definition - the enumeration of the attribute *message-code* root element was expanded by:  359 - List of handover points PDT | V1.68 | |
| 25.10.2021 | CDSREQ definition - the enumeration of the attribute *message-code* root element was expanded by:  357 - Request for the list of delivery points of PDT | V1.68 | |
| 25.10.2021 | RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  358 - Acknowledgment / error in the request for list of handover points PDT | V1.68 | |
| 5.1.2022 | CDSINVOICE defnition – the enumeration of the attribute item-type was expanded by:  GU030 Other DSO, LDSO payments  GU032 Single component price for grid service  GU033 Price for exceeding of reserved power in transfer point  And GU012 was renamed:  GU012 Price for exceeding of reserved power in connection point | V1.69 | |
| 12.1.2022 | CDSDATA definition – the enumeration of the attribute *profile-role location* element was expanded by:  A122 - Aggr. value of generation (state of emergency) – microsources | V1.69 | |
| 10.2.2022 | CDSDATA definition – the enumeration of the attribute *profile-role location* element was expanded by:  PV11 Value of RE+ aFRR produced on a given unit in the 1st quarter of an hour  PV21 Value of RE+ aFRR produced on a given unit in the 2nd quarter of an hour  PV31 Value of RE+ aFRR produced on a given unit in the 3rd quarter of an hour  PV41 Value of RE+ aFRR produced on a given unit in the 4th quarter of an hour  PV12 Value of RE- aFRR produced on a given unit in the 1st quarter of an hour  PV22 Value of RE- aFRR produced on a given unit in the 2nd quarter of an hour  PV32 Value of RE- aFRR produced on a given unit in the 3rd quarter of an hour  PV42 Value of RE- aFRR produced on a given unit in the 4th quarter of an hour  PV13 Value of RE+ aFRR exported abroad in the 1st quarter of an hour  PV23 Value of RE+ aFRR exported abroad in the 2nd quarter of an hour  PV33 Value of RE+ aFRR exported abroad in the 3rd quarter of an hour  PV43 Value of RE+ aFRR exported abroad in the 4th quarter of an hour  PV14 Value of RE- aFRR exported abroad in the 1st quarter of an hour  PV24 Value of RE- aFRR exported abroad in the 2nd quarter of an hour  PV34 Value of RE- aFRR exported abroad in the 3rd quarter of an hour  PV44 Value of RE- aFRR exported abroad in the 4th quarter of an hour  PV15 Value of RE+ aFRR activation not performed in the 1st quarter of an hour  PV25 Value of RE+ aFRR activation not performed in the 2nd quarter of an hour  PV35 Value of RE+ aFRR activation not performed in the 3rd quarter of an hour  PV45 Value of RE+ aFRR activation not performed in the 4th quarter of an hour  PV16 Value of RE- aFRR activation not performed in the 1st quarter of an hour  PV26 Value of RE- aFRR activation not performed in the 2nd quarter of an hour  PV36 Value of RE- aFRR activation not performed in the 3rd quarter of an hour  PV46 Value of RE- aFRR activation not performed in the 4th quarter of an hour  PV09 Value of RE+ aFRR not delivered in the required quality  PV00 Value of RE- aFRR not delivered in the required quality  PP11 Price RE+ aFRR produced on the given unit in the 1st quarter  PP21 Price RE+ aFRR produced on the given unit in the 2nd quarter  PP31 Price RE+ aFRR produced on the given unit in the 3rd quarter  PP41 Price RE+ aFRR produced on the given unit in the 4th quarter  PP12 Price RE- aFRR produced on the given unit in the 1st quarter  PP22 Price RE- aFRR produced on the given unit in the 2nd quarter  PP32 Price RE- aFRR produced on the given unit in the 3rd quarter  PP42 Price RE- aFRR produced on the given unit in the 4th quarter  PP13 Price of RE+ aFRR exported abroad in the 1st quarter of an hour  PP23 Price of RE+ aFRR exported abroad in the 2nd quarter of an hour  PP33 Price of RE+ aFRR exported abroad in the 3rd quarter of an hour  PP43 Price of RE+ aFRR exported abroad in the 4th quarter of an hour  PP14 Price of RE- aFRR exported abroad in the 1st quarter of an hour  PP24 Price of RE- aFRR exported abroad in 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DV11 Value of direct activation of RE+ mFRR for the CR in the 1st quarter  DV21 Value of direct activation of RE+ mFRR for the CR in the 2nd quarter  DV31 Value of direct activation of RE+ mFRR for the CR in the 3rd quarter  DV41 Value of direct activation of RE+ mFRR for the CR in the 4th quarter  DV12 Value of direct activation of RE- mFRR for the CR in the 1st quarter  DV22 Value of direct activation of RE- mFRR for the CR in the 2nd quarter  DV32 Value of direct activation of RE- mFRR for the CR in the 3rd quarter  DV42 Value of direct activation of RE- mFRR for the CR in the 4th quarter  DV13 Value of direct activation RE+ mFRR Abroad in the 1st quarter  DV23 Value of direct activation RE+ mFRR Abroad in the 2nd quarter  DV33 Value of direct activation RE+ mFRR Abroad in the 3rd quarter  DV43 Value of direct activation RE+ mFRR Abroad in the 4th quarter  DV14 Value of direct activation RE+ mFRR Abroad in the 1st quarter  DV24 Value of direct activation RE+ mFRR Abroad in the 2nd quarter  DV34 Value of direct activation RE+ mFRR Abroad in the 3rd quarter  DV44 Value of direct activation RE+ mFRR Abroad in the 4th quarter  DV15 Value of direct RE+ in the 1st quarter - mFRR for the following district  DV25 Value of direct RE+ in the 2nd quarter - mFRR for the following district  DV35 Value of direct RE+ in the 3rd quarter - mFRR for the following district  DV45 Value of direct RE+ in the 4th quarter - mFRR for the following district  DV16 Value of direct RE- in the 1st quarter - mFRR for the following district  DV26 Value of direct RE- in the 2nd quarter - mFRR for the following district  DV36 Value of direct RE- in the 3rd quarter - mFRR for the following district  DV46 Value of direct RE- in the 4th quarter - mFRR for the following district  DV17 Value of direct RE+ in the 1st quarter - mFRR for the previous district  DV27 Value of direct RE+ in the 2nd quarter - mFRR for the previous district  DV37 Value of direct RE+ in the 3rd quarter - mFRR for the previous district  DV47 Value of direct RE+ in the 4th quarter - mFRR for the previous district  DV18 Value of direct RE- in the 1st quarter - mFRR for the previous district  DV28 Value of direct RE- in the 2nd quarter - mFRR for the previous district  DV38 Value of direct RE- in the 3rd quarter - mFRR for the previous district  DV48 Value of direct RE- in the 4th quarter - mFRR for the previous district  DV09 Price direct activation RE+ aFRR not delivered in the required quality  DV00 Price direct activation RE- aFRR not delivered in the required quality  DP11 Price of direct activation of RE+ mFRR for the CR in the 1st quarter  DP21 Price of direct activation of RE+ mFRR for the CR in the 2nd quarter  DP31 Price of direct activation of RE+ mFRR for the CR in the 3rd quarter  DP41 Price of direct activation of RE+ mFRR for the CR in the 4th quarter  DP12 Price of direct activation of RE- mFRR for the CR in the 1st quarter  DP22 Price of direct activation of RE- mFRR for the CR in the 2nd quarter  DP32 Price of direct activation of RE- mFRR for the CR in the 3rd quarter  DP42 Price of direct activation of RE- mFRR for the CR in the 4th quarter  DP13 Price of direct activation RE+ mFRR Abroad in the 1st quarter  DP23 Price of direct activation RE+ mFRR Abroad in the 2nd quarter  DP33 Price of direct activation RE+ mFRR Abroad in the 3rd quarter  DP43 Price of direct activation RE+ mFRR Abroad in the 4th quarter  DP14 Price of direct activation RE- mFRR Abroad in the 1st quarter  DP24 Price of direct activation RE- mFRR Abroad in the 2nd quarter  DP34 Price of direct activation RE- mFRR Abroad in the 3rd quarter  DP44 Price of direct activation RE- mFRR Abroad in the 4th quarter  DP15 Direct RE+ price in the 1st quarter - mFRR for the following district  DP25 Direct RE+ price in the 2nd quarter - mFRR for the following district  DP35 Direct RE+ price in the 3rd quarter - mFRR for the following district  DP45 Direct RE+ price in the 4th quarter - mFRR for the following district  DP16 Direct RE- price in the 1st quarter - mFRR for the following district  DP26 Direct RE- price in the 2nd quarter - mFRR for the following district  DP36 Direct RE- price in the 3rd quarter - mFRR for the following district  DP46 Direct RE- price in the 4th quarter - mFRR for the following district  DP17 Direct RE+ price in the 1st quarter - mFRR for previous district  DP27 Direct RE+ price in the 2nd quarter - mFRR for previous district  DP37 Direct RE+ price in the 3rd quarter - mFRR for previous district  DP47 Direct RE+ price in the 4th quarter - mFRR for previous district  DP18 Direct RE- price in the 1st quarter - mFRR for previous district  DP28 Direct RE- price in the 2nd quarter - mFRR for previous district  DP38 Direct RE- price in the 3rd quarter - mFRR for previous district  DP48 Direct RE- price in the 4th quarter - mFRR for previous district  DP09 Price direct activation RE+ mFRR not delivered in the required quality  DP00 Price direct activation RE- mFRR not delivered in the required quality  EV01 Value of RE+ cross-border assistance  EV11 Value of RE+ cross-border assistance in the 1st quarter  EV21 Value of RE+ cross-border assistance in the 2nd quarter  EV31 Value of RE+ cross-border assistance in the 3rd quarter  EV41 Value of RE+ cross-border assistance in the 4th quarter  EV02 Value of RE- cross-border assistance  EV12 Value of RE- cross-border assistance in the 1st quarter  EV22 Value of RE- cross-border assistance in the 2nd quarter  EV32 Value of RE- cross-border assistance in the 3rd quarter  EV42 Value of RE- cross-border assistance in the 4th quarter  EP01 Price of RE+ cross-border assistance  EP11 Price of RE+ cross-border assistance in the 1st quarter  EP21 Price of RE+ cross-border assistance in the 2nd quarter  EP31 Price of RE+ cross-border assistance in the 3rd quarter  EP41 Price of RE+ cross-border assistance in the 4th quarter  EP02 Price of RE- cross-border assistance  EP12 Price of RE- cross-border assistance in the 1st quarter  EP22 Price of RE- cross-border assistance in the 2nd quarter  EP32 Price of RE- cross-border assistance in the 3rd quarter  EP42 Price of RE- cross-border assistance in the 4th quarter | V1.70 | |
| 10.2.2022 | MASTERDATA definition – the enumeration of the attribute *typsrc OPM* element was expanded by:  MAR Virtual PDT mFRR for MARI market (used only by TSO)  PIC Virtual PDT aFRR for PICASSO market (used only by TSO)  GCC Cross-border assistance | V1.70 | |
| 28.2.2022 | ISOTEDATA definition - the enumeration of the attribute *profile-role ProfileData* element was expanded:   * XC75 to XC93 * XP75 to CP93 | V1.71 | |
| 28.2.2022 | Definition of messages:  SFVOTCONFDATA  SFVOTBILLING  SFVOTBILLINGSUM  SFVOTCLAIM  SFVOTCLAIMSUM  The enumeration of attribute *tradeType* element *Data* was expanded:  PC- Negative RE from PICASSO  PC+ Positive RE from PICASSO  MA- Negative RE from MARI scheduled activation  MA+ Positive RE from MARI scheduled activation  MR- Negative RE from MARI direct activation  MR+ Positive RE from MARI direct activation | V1.71 | |
| 28.4.2022 | MASTERDATA definition – the enumeration of the attribute *rejection-reason* of element *Data* was expdaned:  06 Negative control of the financial security of the new SS | V1.72 | |
| 27.5.2022 | A new ETSO definition has been added: capacity-document-ote-v3r0.xsd | V1.73 | |
| The ETSO definition has been deleted: capacity-document-v4r0.xsd |
| 21.7.2022 | MASTERDATA definition – the enumeration of the attribute *type-pm* of element *OPM* was expanded:  02 - Company with rate DXXd  And this attribute was also renamed:  Identification of transfer point type | V1.74 | |
| 26.10.2022 | MASTERDATA definition – the enumeration of the attribute *type-pm* of element *OPM* was expanded:  03 - Point of delivery for power supply of electric traction | V1.75 | |
| 30.11.2022 | MASTERDATA definition – the enumeration of the attribute *chs-reason* of element *Data* was expanded:  R0 – Start of deliveries to the PD of the newly connected customer in DPI mode  S5 - Commencement of deliveries to PDT after DPI | V1.76 | |
| MASTERDATA definition – the enumeration of the attribute *contract-negotiation-type* of element *Data* was expanded:  Z - Through an intermediary |
| MASTERDATA definition – the enumeration of the attribute rejection-reason of element *Data* was expanded:  53 – PDT does not exit DPI mode |
| MASTERDATA definition – new atributtes of element *OPM* was added:  opm-lead - Leading PDT  ecomm - Data of the energy community (Resource type, Inst. output, Proc. allocation) |
| MASTERDATA definition – the enumeration of the attribute *reason* of element *Activity* was expanded:  ARH - No billing address, identification data |
| CDSIDIS definition – new atributtes of element *Data* was added:  sav-vt - Summary value of savings in the VT tariff  sav-nt - Summary value of savings in the NT tariff |
| CDSDATA definition – the enumeration of the attribute *profile-role* of element *Location* was expanded:  CI12 - Cumulative historical consumption (interval values) |
| CDSDATA definition - the enumeration of the attribute *message-code* root element was expanded by:  211 - Historical max. monthly consumption (MSMAX) |
| CDSREQ definition - the enumeration of the attribute *message-code* root element was expanded by:  110 - Request for historical maximum monthly consumption (MSMAX)  367 - Request for a list of PDT in the community |
| RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  210 - Error in request for historical maximum monthly consumption (MSMAX)  368 - Confirmation/error in the request to enumerate PDTs in the community |
| MASTERDATA definition - the enumeration of the attribute *message-code* root element was expanded by:  369 - List of PDTs in the community |
| 10.1.2023 | CDSDATA definition - the enumeration of the attribute *message-code* root element was expanded by:  683 - B measurement history for B measurement history for max. 12 previous months | V1.77 | |
| CDSREQ definition - the enumeration of the attribute *message-code* root element was expanded by:  681 - Request for a history of B measurements for a maximum of 12 previous months |
| RESPONSE definition - the enumeration of the attribute *message-code* root element was expanded by:  682 - Error in the request for B measurement history for a maximum of 12 previous months |
| CDSDATA definition – the enumeration of the attribute *profile-role* of element *Location* was expanded:  CH12 - B measurement history for B measurement history for max. 12 previous months |
| 23.5.2023 | CDSREQ definition – new atributtes of element *Location* was added:  duf-status - Billing information | V1.78 | |
| CDIDIS definition the enumeration of the attribute *status* of element *OPM* was expanded:  CNF – Billing information |
| 28.8.2023 | CDSDATA definition – the enumeration of the attribute *profile-role* of element *Location* was expanded:  EK51 - Value of RE+ compensation profile  EK52 - Value of RE- compensation profile | V1.79 | |
| MASTERDATA definition – the enumeration of the attribute *typsrc* of element *OPM* was expanded:  SDP - Virtual PDT for SDP (used only by TSO) |
| MASTERDATA definition – the enumeration of the attribute *typ-pm* of element *OPM* was expanded:  04 – Compensation RE |
| 4.12.2023 | MASTERDATA definition - added attributes to OPM element:  rs3 – regulation stage 3 (%)  rs4 – regulation stage 4 (%)  rs5 – regulation stage 5 (%)  rs6 – regulation stage 6 (%)  rs-sav-min - safety minimum in kW  rs-t-delay – time delay  rs-eliminate - regulation stages eliminate | V1.80 | |
| MASTERDATA definition - changing the OPM element micro-source attribute label:  micro-source - Production under 50 kW |
| 15.1.2024 | CDSDATA definition – the element *Location* was expanded by these optional attributes:  resolution - Interval  unit - Unit relevant for quantity | V1.81 | |
| CDSDATA definition – changed the obligation of these attributes of the *Data* element:  date-time-to - newly optional  unit – newly optional  status – newly optional |
| 29.4.2024 | CDSDATA definition – enumeration of attribute *profile-role* element *Location* was changed:  Adding new enumeration items:   |  |  | | --- | --- | | TDA1 | Metered temperature - temperature area 1 | | TDA2 | Metered temperature - temperature area 2 | | TDA3 | Metered temperature - temperature area 3 | | TDA4 | Metered temperature - temperature area 4 | | TDA5 | Metered temperature - temperature area 5 | | TDA6 | Metered temperature - temperature area 6 | | TDA7 | Metered temperature - temperature area 7 | | TDA8 | Metered temperature - temperature area 8 | | TDA9 | Metered temperature - temperature area 9 | | TDB1 | Flat metered temperature - temperature area 1 | | TDB2 | Flat metered temperature - temperature area 2 | | TDB3 | Flat metered temperature - temperature area 3 | | TDB4 | Flat metered temperature - temperature area 4 | | TDB5 | Flat metered temperature - temperature area 5 | | TDB6 | Flat metered temperature - temperature area 6 | | TDB7 | Flat metered temperature - temperature area 7 | | TDB8 | Flat metered temperature - temperature area 8 | | TDB9 | Flat metered temperature - temperature area 9 | | TDN1 | Normal temperature - temperature area 1 | | TDN2 | Normal temperature - temperature area 2 | | TDN3 | Normal temperature - temperature area 3 | | TDN4 | Normal temperature - temperature area 4 | | TDN5 | Normal temperature - temperature area 5 | | TDN6 | Normal temperature - temperature area 6 | | TDN7 | Normal temperature - temperature area 7 | | TDN8 | Normal temperature - temperature area 8 | | TDN9 | Normal temperature - temperature area 9 | | TDM1 | Flat normal temperature - temperature area 1 | | TDM2 | Flat normal temperature - temperature area 2 | | TDM3 | Flat normal temperature - temperature area 3 | | TDM4 | Flat normal temperature - temperature area 4 | | TDM5 | Flat normal temperature - temperature area 5 | | TDM6 | Flat normal temperature - temperature area 6 | | TDM7 | Flat normal temperature - temperature area 7 | | TDM8 | Flat normal temperature - temperature area 8 | | TDM9 | Flat normal temperature - temperature area 9 | | TDP1 | Predicted temperature - temperature area 1 | | TDP2 | Predicted temperature - temperature area 2 | | TDP3 | Predicted temperature - temperature area 3 | | TDP4 | Predicted temperature - temperature area 4 | | TDP5 | Predicted temperature - temperature area 5 | | TDP6 | Predicted temperature - temperature area 6 | | TDP7 | Predicted temperature - temperature area 7 | | TDP8 | Predicted temperature - temperature area 8 | | TDP9 | Predicted temperature - temperature area 9 | | TDQ1 | Flat predicted temperature - temperature area 1 | | TDQ2 | Flat predicted temperature - temperature area 2 | | TDQ3 | Flat predicted temperature - temperature area 3 | | TDQ4 | Flat predicted temperature - temperature area 4 | | TDQ5 | Flat predicted temperature - temperature area 5 | | TDQ6 | Flat predicted temperature - temperature area 6 | | TDQ7 | Flat predicted temperature - temperature area 7 | | TDQ8 | Flat predicted temperature - temperature area 8 | | TDQ9 | Flat predicted temperature - temperature area 9 |   To delete enumeration items:   |  | | --- | | TA1 Metered temperature - temperature area 1 | | TA2 Metered temperature - temperature area 2 | | TA3 Metered temperature - temperature area 3 | | TA4 Metered temperature - temperature area 4 | | TA5 Metered temperature - temperature area 5 | | TA6 Metered temperature - temperature area 6 | | TA7 Metered temperature - temperature area 7 | | TA8 Metered temperature - temperature area 8 | | TA9 Metered temperature - temperature area 9 | | TB1 Flat metered temperature - temperature area 1 | | TB2 Flat metered temperature - temperature area 2 | | TB3 Flat metered temperature - temperature area 3 | | TB4 Flat metered temperature - temperature area 4 | | TB5 Flat metered temperature - temperature area 5 | | TB6 Flat metered temperature - temperature area 6 | | TB7 Flat metered temperature - temperature area 7 | | TB8 Flat metered temperature - temperature area 8 | | TB9 Flat metered temperature - temperature area 9 | | TM1 Flat normal temperature - temperature area 1 | | TM2 Flat normal temperature - temperature area 2 | | TM3 Flat normal temperature - temperature area 3 | | TM4 Flat normal temperature - temperature area 4 | | TM5 Flat normal temperature - temperature area 5 | | TM6 Flat normal temperature - temperature area 6 | | TM7 Flat normal temperature - temperature area 7 | | TM8 Flat normal temperature - temperature area 8 | | TM9 Flat normal temperature - temperature area 9 | | TN1 Normal temperature - temperature area 1 | | TN2 Normal temperature - temperature area 2 | | TN3 Normal temperature - temperature area 3 | | TN4 Normal temperature - temperature area 4 | | TN5 Normal temperature - temperature area 5 | | TN6 Normal temperature - temperature area 6 | | TN7 Normal temperature - temperature area 7 | | TN8 Normal temperature - temperature area 8 | | TN9 Normal temperature - temperature area 9 | | TP1 Predicted temperature - temperature area 1 | | TP2 Predicted temperature - temperature area 2 | | TP3 Predicted temperature - temperature area 3 | | TP4 Predicted temperature - temperature area 4 | | TP5 Predicted temperature - temperature area 5 | | TP6 Predicted temperature - temperature area 6 | | TP7 Predicted temperature - temperature area 7 | | TP8 Predicted temperature - temperature area 8 | | TP9 Predicted temperature - temperature area 9 | | TQ1 Flat predicted temperature - temperature area 1 | | TQ2 Flat predicted temperature - temperature area 2 | | TQ3 Flat predicted temperature - temperature area 3 | | TQ4 Flat predicted temperature - temperature area 4 | | TQ5 Flat predicted temperature - temperature area 5 | | TQ6 Flat predicted temperature - temperature area 6 | | TQ7 Flat predicted temperature - temperature area 7 | | TQ8 Flat predicted temperature - temperature area 8 | | TQ9 Flat predicted temperature - temperature area 9 | | V1.82 | |

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| --- | --- | --- |
| 21.5.2024 | There has been a redesign of sharing the XSD and WSDL files associated with the external interfaces word documentation (this document).  XSD and WSDL zip files are now common for all electricity, gas and power commodities. The matrix which XSD and WSDL belong to which commodity is contained in the .xls file in the zip file with the XSD files. The file name is "XSD and WSDL lists by commodity.xlsx".  The generated documentation of XSD files for individual messages is now listed only in the directory of the given message in the "DOC" directory. As in the past, you can always access the directories of individual messages by clicking on the link provided in the text of the given message. | V2.001 |
| Definition SFVOTCONFDATA, SFVOTBILLING, SFVOTBILLINGSUM, SFVOTCLAIM, SFVOTCLAIMSUM – the enumeration of the attribute *tradeType* of the *Data* element has been extended by values:  DA+ Intraday auctions - supply  DA- Intraday auctions - consumption  SA+ Shipping on IDA - supply  SA- Shipping on IDA - consumption  PP9 Fees - IDA |
| Definition SFVOTLIMITS – extended enumeration of the *Data* element *type* attribute:  IDA Intraday auctions - electricity |
| Definition SFVOTEXCHRATE –added a new *OteFinalIdaRate* attribute of the *ExchRates* element. |
| Definition SFVOTEMGSTATE – extended enumeration of the *tradeType* attribute of the *Data* element:  EMA - Emergency state IDA |
| Definition SFVOTEMGSTATENETT – changing the enumeration value of the *tradeType* attribute of the *data* element:  New:  EMV+EMD+EMA - I/E z DT, VDT a IDA v SN  Old:  EMV+EMD - I/E z DT a VDT v SN |
| Definition SFVOTREQ – the enumeration of the attribute message-code root element was expanded by:  505 -Request for   emergency state - intraday auctions |
| Definition SFVOTEMGSTATE – the enumeration of the attribute message-code root element was expanded by:  506 - Emergency state - intraday auctions |
| Definition RESPONSE – the enumeration of the attribute message-code root element was expanded by:  507 export/import settlement IDA - Confirmation/error  E52 Confirmation/error message  E15 Confirmation/error message |
| Definition MASTERDATA– the enumeration of the attribute message-code root element was expanded by:  E01 service provider information  E12 information about masterdata  E11 registration of EAN to sharing group  E53 EAN masterdata information  383 PDT Master data - Sharing group |
| Definition MASTERDATA – added new optional *OPM* element attributes:  sg-id - Číslo skupiny sdílení (platné od 1.7.2024)  sg-type - Typ sdílení (platné od 1.7.2024)  katm - kategorie měření (platné od 1.7.2024)  cert-svr - EAN je součástí agregačního bloku (platné od 1.7.2024)  v-customer - příznak označující zranitelného zákazníka (platné od 1.7.2024) |
| Definice zprávy CDSIDIS – added new optional *OPM* element attributes:  qty-ash Consumption for billing of electricity supply taking into account shared electricity (kWh) (from 1.7.2024)  qty-ashNT Consumption for billing of electricity supply taking into account shared electricity Nt tariff (kWh) (from 1.7.2024)  qty-ashVT Consumption for billing of electricity supply taking into account shared electricity VT tariff (kWh) (from 1.7.2024) |
| New definition RESPONSEEDC described in the chapter 5.35 |
| Definition CDSREQ– – the enumeration of the attribute *message-code* root element was expanded by:  E51 EDC request for masterdata |
| Definition CDSINVOICE – enumeration of atributte *item-type* of element *BillingItem* was expanded:  GU034 non-network infrastructure fee  GU035 total consumption considering sharing VT  GU036 total consumption considering sharing NT  GU037 total consumption considering sharing |
| CDSDATA Definition - enumeration of atributte *profile*-*role* of element *Location* was expanded:   |  |  | | --- | --- | | PV1 | Value of RE+ aFRR produced on a given unit | | PV2 | Value of RE- aFRR produced on a given unit | | PV3 | Value of RE+ aFRR exported abroad | | PV4 | Value of RE- aFRR exported abroad | | PV5 | Value of RE+ aFRR activation not performed | | PV6 | Value of RE- aFRR activation not performed | | PV9 | Value of RE+ aFRR not delivered in the required quality | | PV0 | Value of RE- aFRR not delivered in the required quality | | PP1 | Price RE+ aFRR produced on the given unit | | PP2 | Price RE- aFRR produced on the given unit | | PP3 | Price of RE+ aFRR exported abroad | | PP4 | Price of RE- aFRR exported abroad | | PP5 | Price of RE+ aFRR activation not performed | | PP6 | Price of RE- aFRR activation not performed | | PP9 | Price of RE+ aFRR not delivered in the required quality | | PP0 | Price of RE- aFRR not delivered in the required quality | | SV1 | Value of planned RE+ mFRR activation for the CR | | SV2 | Value of planned RE- mFRR activation for the CR | | SV3 | Value of planned activation RE+ mFRR Abroad | | SV4 | Value of planned activation RE- mFRR Abroad | | SV5 | Value planned RE+ mFRR for the following quarter hour | | SV6 | Value planned RE- mFRR for the following quarter hour | | SV7 | Value planned RE+ mFRR for the previous quarter hour | | SV8 | Value planned RE- mFRR for the previous quarter hour | | SV9 | Value planned activation RE+ aFRR not delivered in the required quality | | SV0 | Value planned activation RE- aFRR not delivered in the required quality | | SP1 | Price of the planned activation of RE+ mFRR for the CR | | SP2 | Price of the planned activation of RE- mFRR for the CR | | SP3 | Price of planned activation RE+ mFRR Abroad | | SP4 | Price of planned activation RE- mFRR Abroad | | SP5 | Сena RE+ mFRR for the next quarter hour | | SP6 | Сena RE- mFRR for the next quarter hour | | SP7 | Сena RE+ mFRR for the previous quarter hour | | SP8 | Сena RE- mFRR for the previous quarter hour | | SP9 | Price planned activation RE+ aFRR not delivered in the required quality | | SP0 | Price planned activation RE- aFRR not delivered in the required quality | | DV1 | Value of direct activation of RE+ mFRR for the CR | | DV2 | Value of direct activation of RE- mFRR for the CR | | DV3 | Value of direct activation RE+ mFRR Abroad | | DV4 | Value of direct activation RE+ mFRR Abroad | | DV5 | Value of direct RE+ mFRR for the following quarter hour | | DV6 | Value of direct RE- mFRR for the following quarter hour | | DV7 | Value of direct RE+ mFRR for the previous quarter hour | | DV8 | Value of direct RE- mFRR for the previous quarter hour | | DV9 | Price direct activation RE+ aFRR not delivered in the required quality | | DV0 | Price direct activation RE- aFRR not delivered in the required quality | | DP1 | Price of direct activation of RE+ mFRR for the CR | | DP2 | Price of direct activation of RE- mFRR for the CR | | DP3 | Price of direct activation RE+ mFRR Abroad | | DP4 | Price of direct activation RE- mFRR Abroad | | DP5 | Direct RE+ price mFRR for the following quarter hour | | DP6 | Direct RE- price mFRR for the following quarter hour | | DP7 | Direct RE+ price mFRR for previous quarter hour | | DP8 | Direct RE- price mFRR for previous quarter hour | | DP9 | Price direct activation RE+ mFRR not delivered in the required quality | | DP0 | Price direct activation RE- mFRR not delivered in the required quality | | EV1 | Value of RE+ cross-border assistance | | EV2 | Value of RE- cross-border assistance | | EP1 | Price of RE+ cross-border assistance | | EP2 | Price of RE- cross-border assistance | | TV1 | Value of RE+ from RR - for the solution of imbalances in the CR | | TV2 | Value of RE- from RR - for the solution of imbalances in the CR | | TV3 | Value of RE+ from RR - not provided for the solution of imbalances in the CR | | TV4 | Value of RE- from RR - not provided for the solution of imbalances in the CR | | TV5 | Value of RE+ from RR - caused by activating the RR bid for the next quarter hour | | TV6 | Value of RE+ from RR - caused by activating the RR bid for the next quarter hour | | TV7 | Value of RE+ from RR - caused by deactivating the RR bid from the previous quarter hour | | TV8 | Value of RE- from RR - caused by deactivating the RR bid from the previous quarter hour | | TV9 | Value of RE+ from RR - not delivered in required quality | | TV0 | Value of RE- from RR - not delivered in required quality | | TP1 | Price of RE+ from RR - for the solution of imbalances in the CR | | TP2 | Price of RE- from RR - for the solution of imbalances in the CR | | TP3 | Price of RE+ from RR - not provided for the solution of imbalances in the CR | | TP4 | Price of RE- from RR - not provided for the solution of imbalances in the CR | | TP5 | Price of RE+ from RR - caused by activating the RR bid for the next quarter hour | | TP6 | Price of RE+ from RR - caused by activating the RR bid for the next quarter hour | | TP7 | Price of RE+ from RR - caused by deactivating the RR bid from the previous quarter hour | | TP8 | Price of RE- from RR - caused by deactivating the RR bid from the previous quarter hour | | TP9 | Price of RE+ from RR - not delivered in required quality | | TP0 | Price of RE- from RR - not delivered in required quality | | S11 | measurement after respecting of sharing-supply | | S12 | measurement after respecting of sharing-consuption | |
| Definition ISOTEDATA, ISOTEREQ, RESPONSE - numerous changes within the transition to 15 minutes, current definition of message formats see document D1.4.4 IS OTE automatic communication interface. |
| 3.7.2024 | Definition CDSIDIS - modification of the *qty* attribute in the complex type *item\_type*. The *qty* attribute now has 5 decimal places. He originally had 4. | V2.002 |
| 17.7.2024 | Definition RESPONSEEDC – added new optional *Reason* element attribute:  OPM-id - PDT id for which the message is relevant |
| Definition CDSDATA – attribute *qty* - anotation was changed:  Old: Amount - max. 1 decimal number (not an exponential form)  New: Amount to a maximum of 2 decimal places except for message 656, which is to 6 decimal places (not in exponential form) |
| 29.7.2024 | Definition CDSDATA – enumeration *profile-role* atributu of element *Locatio*n was corrected:  F14 - Block 34 - Metered values - RE- | V2.003 |
| Definition CDSIDIS – anotation of attribute *am-oteservice* of element *DataMO was changed*:  Old description:  Settlement operations payment of Electricity Market Operator [Kč excluding VAT]  New description:  Until 30.6.2024:Settlement operations payment of Electricity Market Operator [Kč excluding VAT] from 1.7.2024:non-network infrastructure payment [Kč excluding VAT] |
| Definition CDSLDSREPORT – simple type qty\_type was changed:  Old pattern and annotation:  "-?\d+(\.\d{1,3})?"  Decimal number - max. 3 decimal places (not an exponential form)  New pattern and annotation:  "-?\d+(\.\d{1,5})?"  Decimal number - max. 5 decimal places (not an exponential form) |
| 27.8.2024 | Definition ISOTEDATA – attribute *value* of element *Data* - new pattern definition. Number with 5 decimal places. | V2.004 |
| CDSDATA Definition - enumeration of atributte *profile*-*role* of element *Location* was expanded:  S91 Substitutional values of delivery taking into acount sharing  S92 Substitutional values of consuption taking into acount sharing |
| 30.9.2024 | Definition RESPONSEEDC – added new optional *Reason* element attributes:  date-from - Start delivery day of settlement period (for mesage-code= 982 only)  date-to - End delivery day of settlement period (for mesage-code= 982 only) | V2.005 |

# Introduction

Communication server CS OTE provides a central communication with other parts of the central system IS OTE in several fileds as listed below:

* CDS
  + Registration of PDT Master Data;
  + Data collecting and data providing for grid-usage invoicing and invoicing of a power supply;
  + Application of LP diagrams for the purpose of imbalance evaluation by groups of the end consumers without interval metering type;
  + Control of the supplier change process
  + Electronic invoice forwarding beetween DSOs and electricity suppliers
  + Claims execution and information furnishment
* IS OTE - communication in areas
  + Short-term markets (Block market, Day-ahead market, Intra-Day market, Balancing market)
  + Realization diagram statistics
  + Subject interconnection within organisation of coordinated CZ and SK day-ahead market
  + Providing of trading a billing results
  + Providing of financial settlement results

Solution of the communication server is founded on the platform of an integrated product *SAP Netweaver*.

The principles of a secured access to the data with PKI technology and digital signature are applied and cover entire infrastructure of CS OTE.

## Data flows

### General context

KontextCDS2

Obr. 1 – General context of data interchange of CDS-WAS

The communication portal CDS-WAS is equipped with a communication interface for data interchange between the following subjects of the open electricity market in CZE:

###### Power suppliers – Electricity  traders

They obtain data for invoicing of their consumers, set the requests for a change of supplier and receive the messages about a state of the supplier change process.

###### Transmission system operator

The transmission system operator sends non-aggregated metered data to the CDS system, data of provided ancillary services, validates the requests for a supplier change and receives data of complete trading balance statement.

###### Distribution system operator

The system operator sends non-aggregated metered data to the CDS system, validates the requests for a supplier change a receives data of complete trading balance statement.

###### Balance responsible party

The subjects of settlement pass on and receive a data for drafting of the complete trading balance statement.

The subjects of settlement pass on and receive trading data from IS OTE related to DM, IDA, RRD and SoI modules.

###### Load profile administrator

The load profile administrator delivers updated values of LP diagrams to the CDS and obtains statistics data about LP application from the system.

###### Czech hydrometereological institute

The weather data are passed on to the CDS system with the purpose of consumption calculation from LP diagrams.

### Communication channels

For communictaion beetween CS OTE and electricity market participant are used following communication channels and protocols:

* HTTP(S)/SOAP channel for full-duplex message transfer via internet
* SMTP channel for full-dublex message transfer via email
* Web interface channel for interactive work with the IS OTE via user interface and web browser

More detailed communictaion channels´ description is to be found in the documents D1.4.3. CS OTE Web services interface and D1.4.4 IS OTE Automatized communication interface.

### Message formats

Communication server is using following message formats:

* EDIFACT according to EDINE standard (for further information see document D1.4.1 EDI message formats)
* XML
  + Standard defined by OTE in this document
  + Standard defined by ETSO
    - ETSO Scheduling System (ESS) - V3R1 version
    - ETSO Acknowledgement Process - V5R0 version
    - ETSO Status Report - V1R1 version

### Security

The CDS-WAS system due to communication security uses unified infrastructure of PKI which is common for the entire CS OTE central system. Access of all users is controlled uniformly without consideration of user type (CDS user or IS OTE user). User use same certificate for both systems. An access certificate for user authentication and a signature certificate for digital signature of a transaction.

For more information about security see document D1.4.3. CS OTE Web services interface.

# Communication principles

##### basic principle

Kom_WAS

Obr. 2 – Basic principle of messages handling

Message interchange among market participant will run automated according to basic princliple in the follow steps:

1. market participant sends a message to the CS OTE system. Message can contains either data for processing in central system or request for data from the CS OTE central system.
2. Message is received into CDS-WAS module and digital signature of sender is verified against IS OTE LDAP server. The PKI server decodes message.
3. The CDS-WAS server checks message syntax and in case of any error which arose in previous steps CDS-WAS send back an error message.
4. If everything‘s all right, WAS delivers message to the relevant application server for the next processing steps:
   1. CDS – internal SAP iDOC document is compiled. This document contains message data and passes on these data to IS-U application for processing.
   2. IS OTE – message is forwarded to the integration layer of CS OTE for processing.
5. Application server processes data and sends back a result:
   1. CDS – as an iDoc document of CDS-WAS module for sending back (result can contains CDS confirmation of data receiving, requested data from CDS or error message)
   2. IS OTE –message is forwarded to the integration layer of CS OTE for processing with CDS-WAS system.
6. CDS-WAS module encodes response, signs a message and sends it back to the ubjekt address via selected channel

Message in XML format can be sent via SMTP channel (as a mail attachment) or via HTTP(S) channel.

##### Usage of electronic signature for CDSINVOICE message

When sending the CDSINVOICE (the electronic invoice) message, the usage of electronic signature partly differs from other CDS exchanged messages. The basic requirement for exchange of CDSINOVICE message is the maintenance of the original sender’s digital signature in the message (in this case the signature of the respective distributor). In fact, this means that the content of the message handed over to the receiver (the supplier) is unchanged on CDS output and the message is still signed by the signature of the distributor.

At the same time, for the maintenance of OTE authentication, the messages are signed by the OTE electronic signature as well.

The CDSINVOICE messages must be signed by sender’s (distributor’s) XML signature. Then the message is transferred by the same means as any other CDS exchanged message. Alternatively, the standard signature may be omitted.

The other principles of signing of messaged remain unchanged.

The exchange of the CDSINVOICE message follows the described steps:

1. The participant (distributor) creates the message and adds the XML signature.
2. The participant optionally signets the message by the signature in PKCS#7 format, as it is used to by the other messages (the message is signed twice).
3. The participant sends the message to CDS.
4. The message is received by CDS-WAS module. The verification of the electronic signature is provided by the PKI server. The check of the sender’s certificate is undertaken against the LDAP server. The XML signature of the message is verified.
5. The CDS-WAS server checks message syntax and in case of any error which arose in previous steps CDS-WAS send back an error message.
6. If everything‘s all right, WAS delivers message to the CDS application server. Internal SAP iDOC document is compiled. This document contains message data and passes on these data to IS-U application for processing.
7. Application server processes data and sends back a result as an iDoc document of CDS-WAS module for sending back.
8. CDS-WAS module transfers the original message to the receiver (including the XML signature) encodes response, signs a message and sends it back to the defined address via selected channel.

# General principles of XML message use

For use of message specified in this document, there are these principles to be held:

* Market participants are identified by using EAN-13 (GLN), the code is assigned by OTE
* Points of delivery/transfer are identified by using EAN-18 (GSRN), the code is usually assigned by distribution systems operators
* Messages with interval data must contain values for the whole day (usually 24 hours)
* If it is necessary to send corrected data again, the new message must contain all data of the original message. During data processing the original message will not be taken into consideration.
* Single data interchange (data file with a message) must contain only one message

##### Date and time format and application

* Date and time is given in local time
* Periods are presented by the combination of beginning and end of the time period

###### datE Format

**Definition of use for interval data (with respect of EDINE standard:**

**The beginning of a day is defined as 00:00 AM, the end of a day as 00:00 AM the next day.**

Example:

Last hour of a day 2002-10-27T23:00/2002-10-28T00:00

The time offset of values in a message (data profiles on PDT – metered, planed..) against GMT (Greenwich Mean Time) is always given in an attribute called *time-offset* in the XML message header. The value is always generated for the first period stated in the XML message and is valid for all values in this particular message.

**Non-interval data – period specification FROM – TO (in whole days):**

**The meaning of date items is Date from/to including.**

Interpretation of date from – date from including (YYY-MM-DDT00:00)

Interpretation of date to – date to including (YYY-MM-DDT23:59)

Whole day and night 2002-10-27T00:00/2002-10-27T23:59

###### Transition from summer- to wintertime and vice versa

* Date and time are given in local time.
* The time offset of values in a message (data profiles on PDT – metered, planed..) against GMT (Greenwich Mean Time) is always given in an attribute called *time-offset* in the XML message header. The value is always generated for the first period stated in the XML message and is valid for all values in this particular message.
* *Time-offset=2* is valid for data given in a summertime, *time-offset=1* is valid for data given in a wintertime

##### FORmat of numeric data

* Triad separator shall not be used in interchnage, for example: 25000000
* Decimal mark is a point on the line (.), for example: 3.14
* Incomplete notation is not allowed, for example: .5 or 2.
* Zero prefix is not allowed, for example: 02
* Positive value is without positive sign, for example: 112
* Negative value is with negative sign (-) immediately before first number, for example: -112
* Zero value is without sign, for example: 0

# Messages Overview

##### List of messages

Each type of message is uniquely identified by msg\_code, which determinate nature of the message and consecution of processing. In the following table, there is a list of all messages running through the external CS OTE system interface. For each message, you can find msg\_code, description, format, source and target system.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Message format** | **Input / output** | **Source** | **Target** |
| 050 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | RESPONSE | Output | CDS | Service providers |
| 051 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS) | RESPONSE | Input | Service providers | CDS |
| 100 | Syntax error - invalid message format (from CDS to message sender) | RESPONSE | Output | CDS | External subject |
| 101 | Syntax error - invalid message format (from message receiver to CDS) | RESPONSE | Input | External subject | CDS |
| 110 | Request for historical maximum monthly consumption (MSMAX) | CDSREQ | Input | External subject | CDS |
| 111 | PDT code list update | MASTERDATA | Input | TSO/DSO | CDS |
| 112 | Information about planned disconnection of PDT | MASTERDATA | Input | TSO/DSO | CDS |
| 113 | Receiving/error in message of planned disconnection of PDT | RESPONSE | Output | CDS | Service providers |
| 114 | Copy of message of planned disconnection of PDT | MASTERDATA | Input | TSO/DSO | CDS |
| 115 | Information about PDT disconnection | MASTERDATA | Input | TSO/DSO | CDS |
| 116 | Receiving/error in message of PDT disconnection | RESPONSE | Output | CDS | Service providers |
| 117 | Copy of message of PDT disconnection | MASTERDATA | Input | TSO/DSO | CDS |
| 118 | Request for data of PDT disconnection | CDSREQ | Input | Service provider | CDS |
| 119 | Receiving/error in request for data of PDT disconnection | RESPONSE | Output | CDS | Service providers |
| 120 | PDT disconnection data | MASTERDATA | Input | TSO/DSO | CDS |
| 121 | Interval metered data | CDSDATA | Input | TSO/DSO | CDS |
| 122 | Non-interval metered data | CDSDATA | Input | TSO/DSO | CDS |
| 123 | Base data of DGI ICS - input | CDSIDIS | Input | DSO | CDS |
| 124 | Activated quantity of regulating energy according to generation of power: regulating energy, unit price | CDSDATA | Input | TSO | CDS |
| 125 | Annual consumption estimation per PDT | CDSDATA | Input | DSO | CDS |
| 126 | Base data of DGI RCS - input | CDSIDIS | Input | TSO/DSO | CDS |
| 127 | Electronic invoice | CDSINVOICE | Input / Output | Distributor; CDS | Supplier; CDS |
| 128 | Receiving/error in message of electronic invoice | RESPONSE | Output | CDS | External subject |
| 129 | Request for electronic invoice | CDSREQ | Input | External subject | CDS |
| 130 | Receiving / error in request for electronic invoice | RESPONSE | Output | CDS | External subject |
| 131 | Request for invoicing data sending | CDSREQ | Input | Service provider | CDS |
| 132 | Request for distribution invoicing data sending | CDSREQ | Input | Service provider | CDS |
| 133 | Request for provided AC sending | CDSREQ | Input | Service provider | CDS |
| 134 | Request for annual consumption estimation | CDSREQ | Input | Service provider | CDS |
| 135 | Request for substitutional (computed) values per PDT with metering type B | CDSREQ | Input | Service provider | CDS |
| 136 | Request for base data of DGI RCS data | CDSREQ | Input | Service provider | CDS |
| 138 | Request for suspension of the change of supplier process | MASTERDATA | Input | Service provider | CDS |
| 141 | Request for Change of supplier | MASTERDATA | Input | RMP trader - supplier | CDS |
| 142 | Registration of negotiated diagram for controlling the imbalance responsibility (for data to 31.12.2009) | CDSDATA | Input | Trader | CDS |
| 143 | Request for sending of negotiated diagrams for managing of imbalance responsibility (for data to 31.12.2009) | CDSREQ | Input | Service provider | CDS |
| 144 | Confirmation of acceptance/rejection of a message with a request for suspension of the change of supplier process | RESPONSE | Output | RMP | CDS |
| 145 | Error in change of supplier proposal | RESPONSE | Output | CDS | RMP |
| 146 | Approving/rejection of change of supplier and extra meter reading | MASTERDATA | Input | TSO/DSO/RMP | CDS |
| 147 | Request for sending an extract of state of change of supplier processing | CDSREQ | Input | Service provider | CDS |
| 148 | Copy of a message with a request for suspension of the change of supplier process | MASTERDATA | Output | CDS | RMP |
| 150 | Confirmation of customer’s consent with change of supplier | MASTERDATA | Input | RMP | CDS |
| 157 | Confirmation of acceptance/rejection of a message with confirmation of customer’s consent with change of supplierdodavatele | RESPONSE | Output | CDS | RMP |
| 158 | Copy of confirmation of customer’s consent with change of supplier | MASTERDATA | Output | CDS | RMP |
| 151 | Request for assigned observers data | CDSREQ | Input | RMP, BRP | CDS |
| 152 | Error in / confirmation of assigned observers request receiving | RESPONSE | Output | CDS | RMP, BRP |
| 153 | Assigned observers data | MASTERDATA | Output | CDS | RMP, BRP |
| 154 | Request for assigned BRP data | CDSREQ | Input | RMP, BRP | CDS |
| 155 | Error in / confirmation of assigned BRP request receiving | RESPONSE | Output | RMP, BRP | CDS |
| 156 | Assigned subjects of settlement data | MASTERDATA | Output | CDS | RMP, BRP |
| 160 | Planned concumption diagrams (PDT type B) | CDSDATA | Input | BRP | CDS |
| 161 | Planned generation or consumption diagrams (PDT type A) or generation diagrams (PDT type B) | CDSDATA | Input | BRP | CDS |
| 162 | Planned values of generation | CDSDATA | Input | BRP | CDS |
| 163 | Single-shot request for complete trade balance statement data sending | CDSREQ | Input | TSO/DSO /BRP | CDS |
| 165 | Entry / actualisattion of the claim | CDSCLAIM | Input | External subject | CS OTE |
| 166 | Confirmation / error in the claim message | RESPONSE | Output | CS OTE | External subject |
| 167 | Claim copy | CDSCLAIM | Output | CS OTE | External subject |
| 168 | Request for the claim data | CDSREQ | Input | External subject | CS OTE |
| 169 | Confimation / error in the request for the claim data | RESPONSE | Output | CS OTE | External subject |
| 170 | Claim copy (on participant’s request) | CDSCLAIM | Output | CS OTE | RMP |
| 171 | OTE message (notice board) | CDSCLAIM | Output | CS OTE | External subject |
| 172 | Request for the OTE messages (data from the message board) | CDSREQ | Input | External subject | CS OTE |
| 173 | Confirmation / error in the request for the OTE messages | RESPONSE | Output | CS OTE | External subject |
| 174 | OTE message (on request) | CDSCLAIM | Output | CS OTE | External subject |
| 175 | Notification about expiration of periodic request validity | RESPONSE | Output | CDS | External subject |
| 178 | Results of evaluation of request for change of supplier | MASTERDATA | Output | CDS | RMP |
| 179 | Copy of the change of supplier progress information | MASTERDATA | Output | CDS | RMP |
| 180 | Confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | MASTERDATA | Input | RMP | CDS |
| 181 | Confirmation of acceptance/rejection of a message with confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | RESPONSE | Output | CDS | RMP |
| 182 | Copy of confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | MASTERDATA | Output | CDS | RMP |
| 183 | Request for extension / reduction of supply by current supplier | MASTERDATA | Input | RMP | CDS |
| 184 | Confirmation of / Error in request for extension / reduction of supply by current supplier | RESPONSE | Output | CDS | RMP |
| 185 | Copy of the request for extension / reduction of supply by current supplier | MASTERDATA | Output | CDS | RMP |
| 186 | Approbation with imb. resp. transfer within supply extension / reduction | MASTERDATA | Input | RMP | CDS |
| 187 | Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction | RESPONSE | Output | CDS | RMP |
| 188 | Copy of the approbation with imb. resp. transfer within supply extension / reduction | MASTERDATA | Output | CDS | RMP |
| 189 | Message about possible reservation of distribution or transport capacity within supply extension / reduction | MASTERDATA | Input | RMP | CDS |
| 190 | Confirmation of acceptance/rejection of a message about possible reservation of distribution or transport capacity within supply extension / reduction | RESPONSE | Output | CDS | RMP |
| 191 | Copy of a message about possible reservation of distribution or transport capacity within supply extension / reduction | MASTERDATA | Output | CDS | RMP |
| 192 | Request for supplier/subject of settlement mass change | MASTERDATA | Output | CDS | RMP |
| 193 | Supplier/subject of settlement mass change | MASTERDATA | Output | CDS | RMP |
| 194 | Ex post PDT registration | MASTERDATA | Input | PDS | CDS |
| 195 | Response to ex post PDT registration | RESPONSE | Output | CDS | PDS |
| 196 | Ex post PDT registration – copy | MASTERDATA | Output | CDS | PDS |
| 197 | Request for PDT state | CDSREQ | Input | PDS | CDS |
| 198 | Response to request for PDT state | RESPONSE | Output | CDS | PDS |
| 199 | PDT state | MASTERDATA | Output | CDS | PDS |
| 210 | Error in request for historical maximum monthly consumption (MSMAX) | RESPONSE | Output | CDS | RMP |
| 211 | Historical max. monthly consumption (MSMAX) | CDSDATA | Output | CDS | RMP |
| 212 | Confirmation of PDT code list update | MASTERDATA | Output | CDS | Service provider |
| 215 | Confirmation of PDT code list update | RESPONSE | Output | CDS | TSO/DSO |
| 222 | Confirmation of interval metered data receiving | RESPONSE | Output | CDS | TSO/DSO |
| 224 | Confirmation of non-interval metered data receiving | RESPONSE | Output | CDS | TSO/DSO |
| 226 | Confirmation of distribution invoicing data receiving | RESPONSE | Output | CDS | TSO/DSO |
| 228 | TSO data receiving - receiving confirmation | RESPONSE | Output | CDS | PPS |
| 229 | Confirmation of / Error in base data of DGI RCS data receiving | RESPONSE | Output | CDS | TSO |
| 231 | Error in request sending | RESPONSE | Output | CDS | Service provider |
| 232 | Activated quantity of regulating energy according to generation of power: regulating energy, unit price | CDSDATA | Output | DSO | Service provider |
| 233 | Base data of DGI ICS data request - Receiving / rejection of request | RESPONSE | Output | CDS | Service provider |
| 234 | Base data of DGI ICS - output | CDSIDIS | Output | CDS | Service provider |
| 235 | Error message to request for data of provided regulation energy | RESPONSE | Output | CDS | Service provider |
| 236 | Provided regulating energy positive and negative | CDSDATA | Output | CDS | Service provider |
| 237 | Error message for request 134 (annual consumption estimation) | RESPONSE | Output | CDS | External subject |
| 238 | Annual consumption estimation per PDT type C | CDSDATA | Output | CDS | External subject |
| 239 | Base data of DGI RCS data request - Receiving / rejection of request | RESPONSE | Output | CDS | TSO/DSO |
| 240 | Base data of DGI RCS - output | CDSIDIS | Output | CDS | TSO/DSO |
| 241 | Error in request for change of supplier sending | RESPONSE | Output | CDS | Service provider |
| 243 | Negotiated diagram sending error (for data to 31.12.2009) | RESPONSE | Output | CDS | Supplier |
| 244 | Confirmation of sent negotiated diagram receiving (for data to 31.12.2009) | RESPONSE | Output | CDS | Supplier |
| 245 | Message of Supplier of last resort activation on position of primary supplier (SLR active) | MASTERDATA | Output | CDS | PPS/ PDS |
| 246 | Proposal of change of supplier - for approving | MASTERDATA | Output | CDS | Service providers |
| 247 | Error in change of supplier proposal | RESPONSE | Output | CDS | DSO/TSO |
| 248 | Change of supplier message | MASTERDATA | Output | CDS | Service providers |
| 249 | Notification to primary supplier about future contract of delivery | MASTERDATA | Output | CDS | Service provider |
| 250 | Extract of the state of change of supplier | MASTERDATA | Output | CDS | Service provider |
| 251 | Error in request for negotiated data (for data to 31.12.2009) | RESPONSE | Output | CDS | Supplier |
| 252 | Negotiated diagrams for controlling the imbalance responsibility (for data to 31.12.2009) | CDSDATA | Output | CDS | Supplier |
| 253 | Error in request for listing of change of supplier logbook | RESPONSE | Output | CDS | Service provider |
| 254 | Request for assigning a subject of settlement to OPM | MASTERDATA | Input | RMP, BRP | CDS |
| 255 | Error in / Confirmation of request receiving to assign subject of settlement to PDT | RESPONSE | Output | CDS | RMP, BRP |
| 256 | Information about subject of settlement´s assignement to PDT | MASTERDATA | Input | CDS | RMP, BRP |
| 257 | Request for assigning an observer to PDT | MASTERDATA | Input | RMP, BRP | CDS |
| 258 | Error in / Confirmation of request receiving to assign an observer to PDT | RESPONSE | Output | CDS | RMP, BRP |
| 259 | Information about observer´s assignement to PDT | MASTERDATA | Input | CDS | RMP, BRP |
| 261 | Error / Confirmation of receiving planned consumption values (B) | RESPONSE | Output | CDS | RMP, BRP |
| 262 | Error / Confirmation of receiving planned production values (A,B) | RESPONSE | Output | CDS | RMP, BRP |
| 263 | Confirmation of receiving / Error in sending of negotiated CTBS values | RESPONSE | Output | CDS | Balance responsible party |
| 265 | Error in request for CTBS values sending | RESPONSE | Output | CDS | TSO/DSO /BRP |
| 266 | Planned values of generation A, B and C | CDSDATA | Output | CDS | TSO/DSO /BRP |
| 271 | Confirmation/rejection of message for sending of request for substitutional (computed) values of PDT with type B metering | RESPONSE | Output | CDS | External subject |
| 272 | Output data – substitutional (computed) values per PDT with metering type B | CDSDATA | Output | CDS | External subject |
| 274 | Approval/rejection of request for change of subject of settlement by the subject of settlement | MASTERDATA | Input | RMP | CDS |
| 275 | Sending of confirmation of acceptance/rejection of a message with request for change of subject of settlement by the subject of settlement | RESPONSE | Output | CDS | RMP |
| 276 | Copy of approval/rejection of request for change of subject of settlement by the subject of settlement | MASTERDATA | Output | CDS | RMP |
| 277 | Monthly LDS statement | CDSLDSREPORT | Input | RMP | CDS |
| 278 | Confirmation of/Error in monthly LDS statement | RESPONSE | Output | CDS | RMP |
| 279 | Monthly LDS statement - copy of data | CDSLDSREPORT | Output | CDS | RMP |
| 280 | Request for monthly LDS statement | CDSREQ | Input | RMP | CDS |
| 281 | Confirmation of/Error in request for monthly LDS statement | RESPONSE | Output | CDS | RMP |
| 282 | Monthly LDS statement - copy of data | CDSLDSREPORT | Output | CDS | RMP |
| 283 | System services settlement report | CDSSYSTSERVREPORT | Input | RMP | CDS |
| 284 | System services settlement report - confirmation / error | RESPONSE | Output | CDS | RMP |
| 285 | System services settlement report - copy of data | CDSSYSTSERVREPORT | Output | CDS | RMP |
| 286 | Request for system services settlement report | CDSREQ | Input | RMP | CDS |
| 287 | Request for system services settlement report - confirmation / error | RESPONSE | Output | CDS | RMP |
| 288 | System services settlement report | CDSSYSTSERVREPORT | Output | CDS | RMP |
| 301 | Request for consumption estimation for imbalance settlement in period when the metered meter reading is sent. | CDSREQ | Input | Service provider | CDS |
| 302 | Confirmation/error message for sending of Request for consumption estimation for settlement | RESPONSE | Output | CDS | External subject |
| 303 | Data - consumption estimation for imbalance settlement in period, to which the metered meter reading was sent | CDSDATA | Output | CDS | External subject |
| 311 | Request for imbalance data per PDT C (consumption) computed within Clearing | CDSREQ | Input | Service provider | CDS |
| 312 | Confirmation/error message for sending of Request for imbalance data per PDT C (consumption) computed within Clearing | RESPONSE | Output | CDS | External subject |
| 313 | Data - Imbalances per PDT of type C consumption calculated within the Clearing process | CDSDATA | Output | CDS | External subject |
| 314 | Request of ORS for calc. of imbalances and clearing | CDSREQ | Input | Service provider | CDS |
| 315 | Err. mess. to the req. of ORS for calc. of imbal. and clea | RESPONSE | Output | CDS | External subject |
| 316 | Values of ORS for calc. of imbalances and clearing | CDSDATA | Output | CDS | External subject |
| 321 | Request for metered values - non-interval | CDSREQ | Input | Service provider | CDS |
| 322 | Confirmation/error message for sending of Request for metered values - non-interval | RESPONSE | Output | CDS | External subject |
| 323 | Data - metered values - non-interval | CDSDATA | Output | CDS | BRP |
| 331 | Data request - calculation per primary supplier of PDT | CDSREQ | Input | Service provider | CDS |
| 332 | Confirmation/error message for sending of Data request - calculation per primary supplier of PDT | RESPONSE | Output | CDS | External subject |
| 333 | Metered values – calculation per primary supplier of PDT | CDSDATA | Output | CDS | BRP |
| 341 | Data request - aggregated values per supplier/customer | CDSREQ | Input | Service provider | CDS |
| 342 | Confirmation/error message for sending of Data request - aggregated values per supplier | RESPONSE | Output | CDS | External subject |
| 343 | Metered values – aggregated values per supplier/customer | CDSDATA | Output | CDS | BRP |
| 351 | Data request - master data of PDT | CDSREQ | Input | Service provider | CDS |
| 352 | Confirmation/error message for sending of Data request - master data of PDT | RESPONSE | Output | CDS | External subject |
| 353 | PDT Master data - copy of data | MASTERDATA | Output | CDS | Service provider |
| 354 | Request for simplified list of PDT | CDSREQ | Input | Service provider | CDS |
| 355 | Error message for sending simplified list of PDT | RESPONSE | Output | CDS | Service provider |
| 356 | Simplified list of PDT | MASTERDATA | Output | CDS | Service provider |
| 357 | Request for the list of delivery points of PDT | CDSREQ | Input | Service provider | CDS |
| 358 | Acknowledgment / error in the request for list of handover points PDT | RESPONSE | Output | CDS | Service provider |
| 359 | List of handover points PDT | MASTERDATA | Output | CDS | Service provider |
| 362 | Information about LDS meter reading incompleteness within the monthly and final monthly settlement – per individual PDT | RESPONSE | Output | CDS | External subject |
| 367 | Request for a list of PDT in the community | CDSREQ | Input | Service provider | CDS |
| 367 | Confirmation/error in the request to enumerate PDTs in the community | RESPONSE | Output | CDS | Service provider |
| 369 | List of PDTs in the community | MASTERDATA | Output | CDS | Service provider |
| 371 | Request for service restricted list of PDT | CDSREQ | Input | Service provider | CDS |
| 372 | Error message for sending service restricted list of PDT | RESPONSE | Output | CDS | Service provider |
| 373 | Service restricted list of PDT | MASTERDATA | Output | CDS | Service provider |
| 383 | PDT Master data - Sharing group | MASTERDATA | Input | Service provider | CDS |
| 400 | Invoicing base data | SFVOTREQ | Input | External subject | CDS |
| 401 | Invoicing base data | SFVOTREPBILLING | Output | CDS | External subject |
| 402 | Invoicing base data - error/confirmation | RESPONSE | Output | CDS | External subject |
| 403 | OTE Invoicing base data | SFVOTREQ | Input | External subject | CDS |
| 404 | OTE Invoicing base data | SFVOTBILLING | Output | CDS | External subject |
| 405 | OTE invoicing base data - error/confirmation | RESPONSE | Output | CDS | External subject |
| 406 | Payments and refunds overview | SFVOTREQ | Input | External subject | CDS |
| 407 | Overview of payments and complaints | SFVOTCLAIM | Output | CDS | External subject |
| 408 | Payments and refunds overview - error/confirmation | RESPONSE | Output | CDS | External subject |
| 409 | OTE Payments and refunds overview | SFVOTREQ | Input | External subject | CDS |
| 410 | OTE Overview of payments and complaints | SFVOTCLAIM | Output | CDS | External subject |
| 411 | OTE payments and refunds overview - error/confirmation | RESPONSE | Output | CDS | External subject |
| 413 | LP differences settlement | SFVOTTDD | Output | CDS | External subject |
| 414 | Payments and refunds overview - error/confirmation | RESPONSE | Output | CDS | External subject |
| 416 | OTE LP differences settlement | SFVOTTDD | Output | CDS | External subject |
| 417 | OTE LP differences settlement - error/confirmation | RESPONSE | Output | CDS | External subject |
| 418 | Request for the settlement report EMO-OTE | SFVOTREQ | Input | PXE | CS OTE |
| 419 | Settlement report EMO-OTE | SFVOTBILLINGEMO | Output | CS OTE | External subject |
| 420 | Confirmation / error in the request for the settlement report EMO-OTE | RESPONSE | Output | CS OTE | PXE |
| 421 | Request for the settlement report OTE-EMO | SFVOTREQ | Input | PXE | CS OTE |
| 422 | Settlement report OTE-EMO | SFVOTBILLINGEMO | Output | CS OTE | EOT |
| 423 | Confirmation / erroro in the request for the settlement report OTE-EMO | RESPONSE | Output | CS OTE | PXE |
| 424 | Notification on reaching of the financial security limit | RESPONSE | Output | CS OTE | External subject |
| 425 | Request for OTE settlement rate | SFVOTREQ | Input | External subject | CS OTE |
| 426 | OTE settlement exchange rate | SFVOTEXCHRATE | Output | CS OTE | External subject |
| 427 | Confirmation / error in request for OTE settlement exchange rate | RESPONSE | Output | CS OTE | External subject |
| 428 | Request for report of figured receivables and liabilities | SFVOTREQ | Input | External subject | CS OTE |
| 429 | Report of figured receivables and liabilities | SFVOTDTEXPIMP | Output | CS OTE | External subject |
| 430 | Confirmation / error in the request for list of figured receivables and liabilities | RESPONSE | Output | CS OTE | External subject |
| 431 | Request for report of daily payments confirmation | SFVOTREQ | Input | External subject | CS OTE |
| 432 | Report of daily payments confirmation | SFVOTCONFDATA | Output | CS OTE | External subject |
| 433 | Confirmation / error in the request for report of daily payments confirmation | RESPONSE | Output | CS OTE | External subject |
| 434 | Invoicing base data - summary - request | SFVOTREQ | Input | External subject | CS OTE |
| 435 | Invoicing base data - summary | SFVOTBILLINGSUM | Output | CS OTE | External subject |
| 436 | Invoicing base data - summary - confirmation / error | RESPONSE | Output | CS OTE | External subject |
| 437 | OTE invoicing base data - summary - request | SFVOTREQ | Input | External subject | CS OTE |
| 438 | OTE invoicing base data - summary | SFVOTBILLINGSUM | Output | CS OTE | External subject |
| 439 | OTE invoicing base data - summary - confirmation / error | RESPONSE | Output | CS OTE | External subject |
| 440 | Claim overview - summary - request | SFVOTREQ | Input | External subject | CS OTE |
| 441 | Claim overview - summary | SFVOTCLAIMSUM | Output | CS OTE | External subject |
| 442 | Claim overview - summary - confirmation / error | RESPONSE | Output | CS OTE | External subject |
| 443 | OTE Claim overview - summary - request | SFVOTREQ | Input | External subject | CS OTE |
| 444 | OTE Claim overview - summary | SFVOTCLAIMSUM | Output | CS OTE | External subject |
| 445 | OTE Claim overview - summary - confirmation / error | RESPONSE | Output | CS OTE | External subject |
| 450 | Request for registration of imbalance responsibility transfer | MASTERDATA | Input | TSO / DSO, BRP | CDS (Prodis) |
| 451 | Confirmation of / Error in request for registration of imbalance responsibility transfer receiving | RESPONSE | Output | CDS (Prodis) | TSO / DSO, BRP |
| 452 | Information about registration of imbalance responsibility transfer | MASTERDATA | Output | CDS (Prodis) | TSO / DSO, BRP |
| 453 | Approbation / Refusal of imbalance responsibility transfer | MASTERDATA | Output | CDS (Prodis) | TSO / DSO, BRP |
| 454 | Confirmation of / Error in approbation / refusal of imbalance responsibility transfer receivnig | RESPONSE | Input | TSO / DSO, BRP | CDS (Prodis) |
| 455 | Request for imbalance responsibility transfer | SFVOTREQ | Input | TSO / DSO, BRP | CDS (Prodis) |
| 456 | Confirmation of / Error in request for imbalance responsibility transfer receiving | RESPONSE | Output | CDS (Prodis) | TSO / DSO, BRP |
| 457 | Information about imbalance responsibility transfer (on request 455) | MASTERDATA | Output | CDS (Prodis) | TSO / DSO, BRP |
| 460 | LP netting - request | SFVOTREQ | Input | External subject | CS OTE |
| 461 | LP netting | SFVOTTDDNETT | Output | CS OTE | External subject |
| 462 | LP netting - error/confirmation | RESPONSE | Output | CS OTE | External subject |
| 463 | Financial status limit - request | SFVOTREQ | Input | External subject | IS OTE |
| 464 | Financial status limit | SFVOTLIMITS | Output | IS OTE | External subject |
| 465 | Financial status limit - error/confirmation | RESPONSE | Output | IS OTE | External subject |
| 466 | LP netting - request | SFVOTREQ | Input | External subject | IS OTE |
| 467 | LP netting - final settlement | SFVOTTDDNETT | Output | IS OTE | External subject |
| 468 | LP netting - final settlement - error/confirmation | RESPONSE | Output | IS OTE | External subject |
| 469 | Final Settlement of Clearing Differences - request. It replaces code 412. | SFVOTREQ | Input | External subject | IS OTE |
| 470 | Final Settlement of Clearing Differences | SFVOTTDD | Output | IS OTE | External subject |
| 471 | Final Settlement of Clearing Differences - error/confirmation | RESPONSE | Output | IS OTE | External subject |
| 472 | Final Settlement of Clearing Differences - request. It replaces code 415. | SFVOTREQ | Input | External subject | IS OTE |
| 473 | Final Settlement of Clearing Differences - OTE | SFVOTTDD | Output | IS OTE | External subject |
| 474 | Final Settlement of Clearing Differences OTE - error/confirmation | RESPONSE | Output | IS OTE | External subject |
| 475 | Billing report ČEPS - PSK - request | SFVOTREQ | Input | External subject | IS OTE |
| 476 | Billing report ČEPS - PSK | SFVOTPSK | Output | IS OTE | External subject |
| 477 | Billing report ČEPS - PSK - error/confirmation | RESPONSE | Output | IS OTE | External subject |
| 478 | Přehled plateb a reklamací RE – ČEPS - request | SFVOTREQ | Input | External subject | IS OTE |
| 479 | Claim report ČEPS – PSK | SFVOTPSK | Output | IS OTE | External subject |
| 480 | Claim report ČEPS – PSK - error/confirmation | RESPONSE | Output | IS OTE | External subject |
| 481 | Setting limit VDT/VT | SFVOTSETTINGS | Input | External subject | IS OTE |
| 482 | Current value of limit VDT/VT | SFVOTLIMITS | Output | IS OTE | External subject |
| 483 | Error / confirmation set the limit at VDT / VT | RESPONSE | Output | IS OTE | External subject |
| 484 | Automatic change limit VDT/VT | SFVOTLIMITCHANGE | Output | IS OTE | External subject |
| 485 | Error / confirmation by sending an automatic limit change VDT / VT | RESPONSE | Output | IS OTE | External subject |
| 486 | Notification of expiration of the bank guarantee / rating for financial security | RESPONSE | Output | CS OTE | External subject |
| 487 | REQUEST FOR EMERGENCY STATE CZ | SFVOTREQ | Input | External subject | IS OTE |
| 488 | EMERGENCY STATE CZ | SFVOTEMGSTATE | Output | IS OTE | External subject |
| 489 | EMERGENCY STATE CZ - ERROR, CONFIRMATION | RESPONSE | Output | IS OTE | External subject |
| 490 | REQUEST FOR EMERGENCY STATE - DAY-AHEAD MARKET | SFVOTREQ | Input | External subject | IS OTE |
| 491 | EMERGENCY STATE - DAY-AHEAD MARKET | SFVOTEMGSTATE | Output | IS OTE | External subject |
| 492 | EMERGENCY STATE - DAY-AHEAD MARKET - ERROR, CONFIRMATION | RESPONSE | Output | IS OTE | External subject |
| 493 | REQUEST FOR EMERGENCY STATE INTRADAY MARKET | SFVOTREQ | Input | External subject | IS OTE |
| 494 | EMERGENCY STATE INTRADAY MARKET | SFVOTEMGSTATE | Output | IS OTE | External subject |
| 495 | EMERGENCY STATE INTRADAY MARKET - ERROR, CONFIRMATION | RESPONSE | Output | IS OTE | External subject |
| 496 | REQUEST FOR STATE OF EMERGENCY VERSION 1 - NETTING | SFVOTREQ | Input | External subject | IS OTE |
| 497 | STATE OF EMERGENCY VERSION 1 - NETTING | SFVOTEMGSTATENETT | Output | IS OTE | External subject |
| 498 | STATE OF EMERGENCY VERSION 1 - NETTING - ERROR, CONFIRMATION | RESPONSE | Output | IS OTE | External subject |
| 499 | REQUEST FOR STATE OF EMERGENCY VERSION 2 - NETTING | SFVOTREQ | Input | External subject | IS OTE |
| 500 | STATE OF EMERGENCY VERSION 2 - NETTING | SFVOTEMGSTATENETT | Output | IS OTE | External subject |
| 501 | STATE OF EMERGENCY VERSION 2 - NETTING - ERROR, CONFIRMATION | RESPONSE | Output | IS OTE | External subject |
| 502 | REQUEST FOR STATE OF EMERGENCY – PAID PAYMENTS OTE | SFVOTREQ | Input | External subject | IS OTE |
| 503 | STATE OF EMERGENCY – PAID PAYMENTS OTE | SFVOTEMGSTATEINV | Output | IS OTE | External subject |
| 504 | STATE OF EMERGENCY – PAID PAYMENTS OTE - ERROR, CONFIRMATION | RESPONSE | Output | IS OTE | External subject |
| 505 | PDT Master data - Sharing group | SFVOTREQ | Input | External subject | IS OTE |
| 506 | Request for   emergency state - intraday auctions | SFVOTEMGSTATE | Output | IS OTE | External subject |
| 507 | Emergency state - intraday auctions | RESPONSE | Output | IS OTE | External subject |
| 511 | Message for sending of normal and metered average daily temperatures | TEMPERATURE | Input | CHMI | CDS |
| 512 | Error in / Confirmation of normal and metered average daily temperatures data receival | RESPONSE | Output | CDS | CHMI |
| 521 | Message for sending of normal load profiles of supplies | TDD | Input | LP Provider | CDS |
| 522 | Error in / Confirmation of of normal load profiles of supplies receiving | RESPONSE | Output | CDS | LP Administarator |
| 531 | Message for sending of predicted temperatures | TEMPERATURE | Input | CHMI | CDS |
| 532 | Error in / Confirmation of predicted temperatures data receival | RESPONSE | Output | CDS | CHMI |
| 561 | Request for estimated diagram of PDT(C) group consumption, non-adjusted | CDSREQ | Input | Service provider | CDS |
| 562 | Error message for request for estimated diagram of PDT(C) group consumption, non-adjusted (561) | RESPONSE | Output | CDS | External subject |
| 563 | Estimated consumption diagrams of groups of PDT(C) - non-adjusted | CDSDATA | Output | CDS | External subject |
| 601 | Request for correction factor history diagram of residual DS balance | CDSREQ | Input | Service provider | CDS |
| 602 | Error message for request for correction factor history diagram of residual DS balance (601) | RESPONSE | Output | CDS | External subject |
| 603 | History diagrams of correction factor of residual balance DS | CDSDATA | Output | CDS | External subject |
| 611 | Request for estimated diagram of PDT(C) group consumption, adjusted | CDSREQ | Input | Service provider | CDS |
| 612 | Error message for request for estimated diagram of PDT(C) group consumption, adjusted to weather and residual balance (611) | RESPONSE | Output | CDS | External subject |
| 613 | Estimated consumption diagrams of groups of PDT(C) - adjusted | CDSDATA | Output | CDS | Extenal subject |
| 621 | Request for DS aggregated data | CDSREQ | Input | Service provider | CDS |
| 622 | Confirmation/error message for request for DS aggregated data (621) | RESPONSE | Output | CDS | External subject |
| 623 | Metered data per DS - structured by A, B, C | CDSDATA | Output | CDS | TSO/DSO |
| 631 | Request for aggregated data within the state of emergency | CDSREQ | Input | Service provider | CDS |
| 632 | Confirmation/error message for sending of Request for aggregated data within the state of emergency | RESPONSE | Output | CDS | External subject |
| 633 | Aggregated data within the state of emergency | CDSDATA | Output | CDS | BRP |
| 641 | Request for summary values of RMP separated by metering type A, B and C | CDSREQ | Input | External subject | CDS |
| 642 | Confirmation/error message for sending of Request for summary values of RMP separated by metering type A, B and C | RESPONSE | Output | CDS | External subject |
| 643 | Output data for summary values request per RMP divided into A, B a C | CDSDATA | Output | CDS | External subject |
| 651 | Request for summary values of RMP and grid separated by metering type A, B and C | CDSREQ | Input | External subject | CDS |
| 652 | Confirmation/error message for sending of Request for summary values of grid separated by metering type A, B and C | RESPONSE | Output | CDS | External subject |
| 653 | Output data for summary values request per RMP and grid divided into A, B a C | CDSDATA | Output | CDS | External subject |
| 661 | Request for data of normal and metered weather conditions (temperatures) | CDSREQ | Input | External subject | CDS |
| 662 | Confirmation/error message for sending of Request for data of normal and metered weather conditions (temperatures) | RESPONSE | Output | CDS | External subject |
| 663 | Data of normal and metered climatic conditions (temperatures) | CDSDATA | Output | CDS | External subject |
| 664 | Request for LP data | CDSREQ | Input | External subject | CDS |
| 665 | Confirmation/error message of Request for LP data | RESPONSE | Output | CDS | External subject |
| 666 | Data od LP diagrams - output data | CDSDATA | Output | CDS | Extrenal subject |
| 667 | Request for temperature correction coefficient data | CDSREQ | Input | External subject | CDS |
| 668 | Confirmation/error message of Request for temperature correction coefficient data | RESPONSE | Output | CDS | External subject |
| 669 | Temperature correction coefficient - output data | CDSDATA | Output | CDS | External subject |
| 671 | Request for predicted consumption/production for BRP | CDSREQ | Input | External subject | CDS |
| 672 | Confirmation/error message of Request for predicted production/consumption data for BRP | RESPONSE | Output | CDS | External subject |
| 673 | Data of predicted production/consumption for BRP | CDSDATA | Output | CDS | Extrenal subject |
| 674 | Request for corr. LP | CDSREQ | Input | External subject | CDS |
| 675 | Error, conf. of req. for corr. LP | RESPONSE | Output | CDS | External subject |
| 676 | LP corr. to temperature and rest bil. | CDSDATA | Output | CDS | Extrenal subject |
| 681 | Požadavek na historii měření B za max.12 předchozích měsíců | CDSREQ | Input | External subject | CDS |
| 682 | Chyba v požadavku na historii měření B za max.12 předchozích měsíců | RESPONSE | Output | CDS | External subject |
| 683 | Historie měření B za historii měření B za max.12 předchozích měsíců | CDSDATA | Output | CDS | Extrenal subject |
| 804 | Postponement of closing date for the opening of receipt of IDA orders | RESPONSE | Output | WAS | Extrenal subject |
| 805 | Postponement of deadline for the end of receiving IDA orders | RESPONSE | Output | WAS | Extrenal subject |
| 806 | Delay in publication of IDA results | RESPONSE | Output | WAS | Extrenal subject |
| 807 | Deletion of auction | RESPONSE | Output | WAS | Extrenal subject |
| 808 | Capacity data for IDA | RESPONSE | Output | WAS | Extrenal subject |
| 809 | Modification of capacity data for IDA | RESPONSE | Output | WAS | Extrenal subject |
| 810 | Notice of change/postponement of deadline | RESPONSE | Output | WAS | Extrenal subject |
| 811 | DM - Bid entering/replacement | ISOTEDATA | Input | External subject | IS OTE |
| 812 | Confirmation/error message for enter/replacement of DM bid | RESPONSE | Output | IS OTE | External subject |
| 813 | DM - Copy of bid data (response to 811- entering) | ISOTEDATA | Output | IS OTE | External subject |
| 814 | IDA - Bid entering/replacement | ISOTEDATA | Input | External subject | IS OTE |
| 815 | Confirmation/error message for enter/replacement of IDA bid | RESPONSE | Output | IS OTE | External subject |
| 816 | IDA - Copy of bid data (response to 814 - entering) | ISOTEDATA | Output | IS OTE | External subject |
| 821 | DM - Bid cancellation | ISOTEDATA | Input | External subject | IS OTE |
| 822 | Confirmation/error message for cancellation of DM bid | RESPONSE | Output | IS OTE | External subject |
| 823 | DM - Copy of bid data (response to 821- cancelation) | ISOTEDATA | Output | IS OTE | External subject |
| 824 | IDA - Bid cancellation | ISOTEDATA | Input | External subject | IS OTE |
| 825 | Confirmation/error message for cancellation of IDA bid | RESPONSE | Output | IS OTE | External subject |
| 826 | IDA - Copy of bid data (response to 824- cancelation) | ISOTEDATA | Output | IS OTE | External subject |
| 831 | Request for DM bid data providing | ISOTEREQ | Input | External subject | IS OTE |
| 832 | Confirmation/error message for sending of request for DM bid state definition | RESPONSE | Output | IS OTE | External subject |
| 833 | DM - Copy of bid data (response to 831- actual status) | ISOTEDATA | Output | IS OTE | External subject |
| 834 | Request for IDA bid data providing | ISOTEREQ | Input | External subject | IS OTE |
| 835 | Confirmation/error message for sending of request for IDA bid state definition | RESPONSE | Output | IS OTE | External subject |
| 836 | IDA - Copy of bid data (response to 834 - actual status) | ISOTEDATA | Output | IS OTE | External subject |
| 904 | Delay in publication of capacity data | RESPONSE | Output | IS OTE | External subject |
| 905 | Postponement of the deadline for receiving DM orders | RESPONSE | Output | IS OTE | External subject |
| 906 | (ExC\_02) Delay in publication of DM results | RESPONSE | Output | IS OTE | External subject |
| 907 | (ExC\_03b) Delay of DM results, possibility of decoupling | RESPONSE | Output | IS OTE | External subject |
| 908 | (ExC\_04b) Full decoupling of markets - decoupling / (ExC\_05b) Full decoupling of markets - early decoupling | RESPONSE | Output | IS OTE | External subject |
| 910 | Network data publication delay, decoupling possibility | RESPONSE | Output | IS OTE | External subject |
| 921 | Request for IS OTE data handover | COMMONREQ | Input | Service provider | WAS (EMTAS) |
| 922 | Confirmation/error message for sending of request for output data handover | RESPONSE | Output | IS OTE | External subject |
| 923 | Request for IS OTE data handover - MarketService | COMMONMARKETREQ | Input | Service provider | WAS (EMTAS) |
| 924 | Confirmation/error message for sending of request for output data handover - MarketService | RESPONSE | Output | IS OTE | External subject |
| 934 | Request for DM results for market area | ISOTEREQ | Input | External subject | WAS (DM) |
| 935 | Confirmation / Error message for request for DM results for market area | RESPONSE | Output | IS OTE | External subject |
| 936 | DM results for the market area (form primary market coordinator) | ISOTEDATA | Output | CDS-WAS (EMTAS) | External subject |
| 937 | Request for results of market coordination per balancing subject | ISOTEREQ | Input | External subject | WAS (DM) |
| 938 | Confirmation / Error message for request for results of market coordination per balancing subject | RESPONSE | Output | IS OTE | External subject |
| 939 | Results of market coordination per balancing subject | ISOTEDATA | Output | CDS-WAS (EMTAS) | External subject |
| 941 | Data request - Complete plan of negotiated values | ISOTEREQ | Input | Service provider | WAS (EMTAS) |
| 942 | Confirmation/error message for sending of Data request - Complete plan of negotiated values | RESPONSE | Output | IS OTE | External subject |
| 943 | Final plan of negotiated values - copy of data | ISOTEDATA | Output | WAS (EMTAS) | External subject |
| 944 | Request for daily market marginal prices | ISOTEREQ | Input | Service provider | WAS (EMTAS) |
| 945 | Confirmation / error in request for DM marginal prices | RESPONSE | Output | IS OTE | External subject |
| 946 | DM marginal prices | ISOTEDATA | Output | WAS (EMTAS) | External subject |
| 947 | Request for IDA marginal prices | ISOTEREQ | Input | Service provider | WAS (EMTAS) |
| 948 | Confirmation / error in request for IDA marginal prices | RESPONSE | Output | IS OTE | External subject |
| 949 | IDA marginal prices | ISOTEDATA | Output | WAS (EMTAS) | External subject |
| 951 | Data request - Hourly settlement | ISOTEREQ | Input | Service provider | WAS (EMTAS) |
| 952 | Confirmation/error message for sending of Data request - Hourly settlement | RESPONSE | Output | IS OTE | External subject |
| 953 | Request for settlement data per hours | ISOTEDATA | Output | WAS (EMTAS) | External subject |
| 955 | (UMM\_01a) Delay in final Market Coupling Results publication | - | Output | IS OTE | External subject |
| 956 | (UMM\_02) Risk of Partial Decoulpilng for one or more interconnectors | - | Output | IS OTE | External subject |
| 957 | (UMM\_03) One or more interconnectors decoupled | - | Output | IS OTE | External subject |
| 958 | Full decoupling known in adcance - detail info | - | Output | IS OTE | External subject |
| 959 | Decoupling CZ area - detail info | - | Output | IS OTE | External subject |
| 960 | Full decoupling - detail info | - | Output | IS OTE | External subject |
| 961 | Data request - Daily settlement | ISOTEREQ | Input | Service provider | WAS (EMTAS) |
| 962 | Confirmation/error message for sending of Data request - Daily settlement | RESPONSE | Output | IS OTE | External subject |
| 963 | Settlement per day - copy of data | ISOTEDATA | Output | WAS (EMTAS) | External subject |
| 964 | Data request - Statistic data of imbalances settlement | ISOTEREQ | Input | Service provider | WAS (DT) |
| 965 | Request for imbalance settlement statistic data - error / confirmation | RESPONSE | Output | IS OTE | External subject |
| 966 | Request for imbalance settlement statistic data - copy of data | ISOTEDATA | Output | WAS (EMTAS) | External subject |
| 970 | Response to IM accepted proposals request | RESPONSE | Output | WAS (EMTAS) | External subject |
| 974 | (ExC\_03a) Risk of Partial Decoupling | - | Output | IS OTE | External subject |
| 975 | (ExC\_04a) Partial Decoupling – Reopening of the order books | - | Output | IS OTE | External subject |
| 976 | (ExC\_05a) Partial Decoupling known in advance | - | Output | IS OTE | External subject |
| 977 | (ExC\_06) Delay in Market Coupling Results publication due to curtailment at max price detected in Lithuania, Finland or Sweden | - | Output | IS OTE | External subject |
| 981 | Notification of RRD deadline postponement | RESPONSE | Output | IS OTE | External subject |
| 982 | Settlement accomplishment notification | RESPONSE | Output | IS OTE | External subject |
| 989 | Notification about change of transfer capacity on BM (collective mail) | RESPONSE | Output | IS OTE | External subject |
| 990 | Notification about change of transfer capacity on BM (collective mail) | RESPONSE | Output | IS OTE | External subject |
| 991 | Request for server-server connection control and for delivery of non-sent IS OTE messages | COMMONREQ | Input | External subject | WAS (EMTAS) |
| 992 | Accomplishment notification of aggregation of bilateral contracts | RESPONSE | Output | IS OTE | External subject |
| 994 | Request for server-server connection control and for delivery of non-sent IS OTE messages - MarketService | COMMONMARKETREQ | Input | External subject | WAS (EMTAS) |
| 995 | Confirmation of server-server connection control and sending of non-sent messages | RESPONSE | Output | CDS | External subject |
| 996 | Confirmation of server-server connection control and sending of non-sent messages - MarketService | RESPONSE | Output | CDS | External subject |
| 997 | Notice about reconciliation of DM offers | RESPONSE | Output | IS OTE | External subject |
| GSD | Data request – Gas settlement results | ISOTEREQ | Input | Service provider | WAS (EMTAS) |
| GSE | Confirmation/error message for sending of Data request - Gas settlement results | RESPONSE | Output | IS OTE | External subject |
| GSF | Gas settlement results - copy of data | ISOTEDATA | Output | WAS (EMTAS) | External subject |
| E01 | service provider information | MASTERDATA | Output | CDS | External subject |
| E12 | information about masterdata | MASTERDATA | Output | CDS | External subject |
| E11 | registration of EAN to sharing group | MASTERDATA | Input | External subject | CDS |
| E15 | Confirmation/error message | RESPONSE | Output | CDS | External subject |
| E51 | EDC request for masterdata | CDSREQ | Input | External subject | CDS |
| E52 | Confirmation/error message | RESPONSE | Output | CDS | External subject |
| E53 | EAN masterdata information | MASTERDATA | Output | CDS | External subject |

##### Overview of acceptable message formats

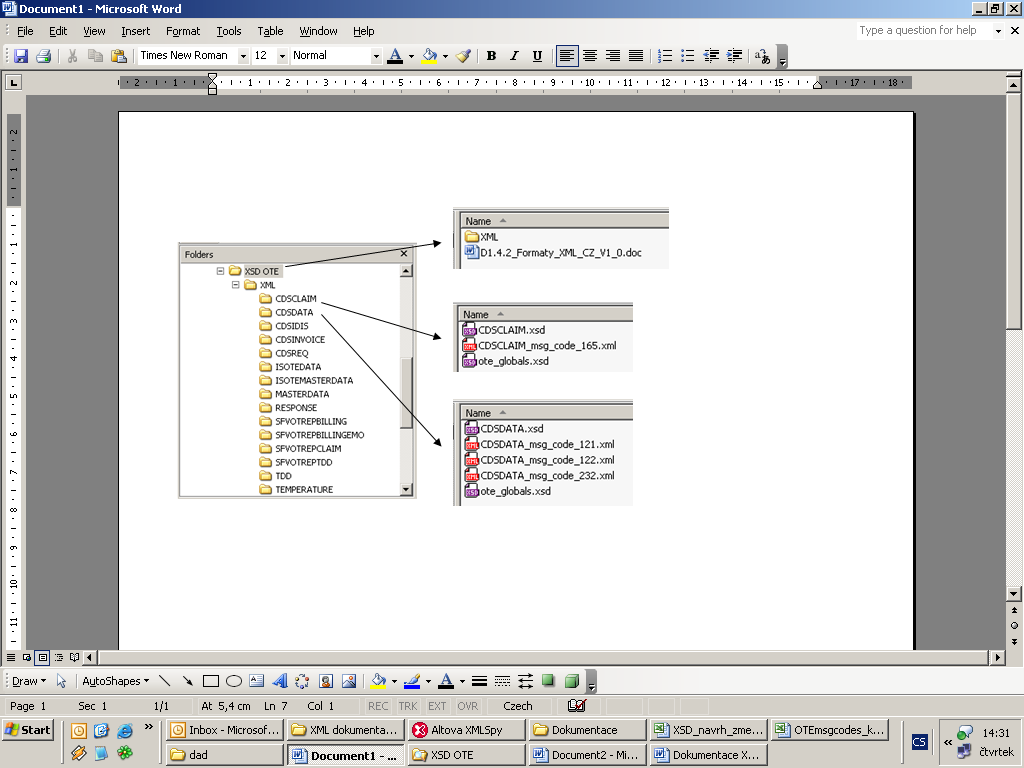
There is determined, for each message, which are acceptable message format for entering or leaving CS OTE system. The overview is stated bellow.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Popis** | **Formát zprávy** | **XML** | **EDI** | **TXT (pouze SMTP, nešifrované)** | **PDF/ HTML/RTF (pouze SMTP)** | **Podpis** |
| 050 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | RESPONSE | X | X |  |  |  |
| 051 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS) | RESPONSE | X | X |  |  |  |
| 100 | Syntax error - invalid message format (from CDS to message sender) | RESPONSE | X | X |  |  |  |
| 101 | Syntax error - invalid message format (from message receiver to CDS) | RESPONSE | X | X |  |  |  |
| 110 | Request for historical maximum monthly consumption (MSMAX) | CDSREQ | x |  |  |  |  |
| 111 | PDT code list update | MASTERDATA | X |  |  |  | X |
| 112 | Information about planned disconnection of PDT | MASTERDATA | X |  |  |  | X |
| 113 | Receiving/error in message of planned disconnection of PDT | RESPONSE | X |  | X |  |  |
| 114 | Copy of message of planned disconnection of PDT | MASTERDATA | X |  | X |  | X |
| 115 | Information about PDT disconnection | MASTERDATA | X |  |  |  | X |
| 116 | Receiving/error in message of PDT disconnection | RESPONSE | X |  | X |  |  |
| 117 | Copy of message of PDT disconnection | MASTERDATA | X |  | X |  | X |
| 118 | Request for data of PDT disconnection | CDSREQ | X |  |  |  |  |
| 119 | Receiving/error in request for data of PDT disconnection | RESPONSE | X |  | X |  |  |
| 120 | PDT disconnection data | MASTERDATA | X |  | X |  | X |
| 121 | Interval metered data | CDSDATA | X | X |  |  | X |
| 122 | Non-interval metered data | CDSDATA | X |  |  |  | X |
| 123 | Base data of DGI ICS - input | CDSIDIS | X | X |  |  | X |
| 124 | Activated quantity of regulating energy according to generation of power: regulating energy, unit price | CDSDATA | X |  |  |  | X |
| 125 | Annual consumption estimation per PDT | CDSDATA | X |  |  |  | X |
| 126 | Base data of DGI RCS - input | CDSIDIS | X |  |  |  | X |
| 127 | Electronic invoice | CDSINVOICE | X |  |  |  | X |
| 128 | Receiving/error in message of electronic invoice | RESPONSE | X |  |  |  |  |
| 129 | Request for electronic invoice | CDSREQ | X |  |  |  |  |
| 130 | Receiving / error in request for electronic invoice | RESPONSE | X |  |  |  |  |
| 131 | Request for invoicing data sending | CDSREQ | X |  |  |  |  |
| 132 | Request for distribution invoicing data sending | CDSREQ | X |  |  |  |  |
| 133 | Request for provided AC sending | CDSREQ | X |  |  |  |  |
| 134 | Request for annual consumption estimation | CDSREQ | X |  |  |  |  |
| 135 | Request for substitutional (computed) values per PDT with metering type B | CDSREQ | X |  |  |  |  |
| 136 | Request for base data of DGI RCS data | CDSREQ | X |  |  |  |  |
| 138 | Request for suspension of the change of supplier process | MASTERDATA | X |  |  |  | X |
| 141 | Request for Change of supplier | MASTERDATA | X |  |  |  | X |
| 142 | Registration of negotiated diagram for controlling the imbalance responsibility (for data to 31.12.2009) | CDSDATA | X |  |  |  | X |
| 143 | Request for sending of negotiated diagrams for managing of imbalance responsibility (for data to 31.12.2009) | CDSREQ | X |  |  |  |  |
| 144 | Confirmation of acceptance/rejection of a message with a request for suspension of the change of supplier process | RESPONSE | X |  |  |  |  |
| 145 | Error in change of supplier proposal | RESPONSE | X |  |  |  |  |
| 146 | Approving/rejection of change of supplier and extra meter reading | MASTERDATA | X |  |  |  | X |
| 147 | Request for sending an extract of state of change of supplier processing | CDSREQ | X |  |  |  |  |
| 148 | Copy of a message with a request for suspension of the change of supplier process | MASTERDATA | X |  | X |  | X |
| 150 | Confirmation of customer’s consent with change of supplier | MASTERDATA | X |  |  |  | X |
| 157 | Confirmation of acceptance/rejection of a message with confirmation of customer’s consent with change of supplier | RESPONSE | X |  |  |  |  |
| 158 | Copy of confirmation of customer’s consent with change of supplier | MASTERDATA | X |  | X |  | X |
| 151 | Request for assigned observers data | CDSREQ | X |  |  |  |  |
| 152 | Error in / confirmation of assigned observers request receiving | RESPONSE | X |  | X |  |  |
| 153 | Assigned observers data | MASTERDATA | X |  | X |  | X |
| 154 | Request for assigned BRP data | CDSREQ | X |  |  |  |  |
| 155 | Error in / confirmation of assigned BRP request receiving | RESPONSE | X |  | X |  |  |
| 156 | Assigned subjects of settlement data | MASTERDATA | X |  | X |  | X |
| 160 | Planned concumption diagrams (PDT type B) | CDSDATA | X |  |  |  | X |
| 161 | Planned generation or consumption diagrams (PDT type A) or generation diagrams (PDT type B) | CDSDATA | X |  |  |  | X |
| 162 | Planned values of generation | CDSDATA | X |  |  |  | X |
| 163 | Single-shot request for complete trade balance statement data sending | CDSREQ | X |  |  |  |  |
| 165 | Entry / actualisattion of the claim | CDSCLAIM | X |  |  |  | X |
| 166 | Confirmation / error in the claim message | RESPONSE | X |  | X |  |  |
| 167 | Claim copy | CDSCLAIM | X |  | X |  | X |
| 168 | Request for the claim data | CDSREQ | X |  |  |  |  |
| 169 | Confimation / error in the request for the claim data | RESPONSE | X |  | X |  |  |
| 170 | Claim copy (on participant’s request) | CDSCLAIM | X |  | X |  | X |
| 171 | OTE message (notice board) | CDSCLAIM | X |  |  |  | X |
| 172 | Request for the OTE messages (data from the message board) | CDSREQ | X |  |  |  |  |
| 173 | Confirmation / error in the request for the OTE messages | RESPONSE | X |  | X |  |  |
| 174 | OTE message (on request) | CDSCLAIM | X |  | X |  | X |
| 175 | Notification about expiration of periodic request validity | RESPONSE | X |  | X |  |  |
| 178 | Results of evaluation of request for change of supplier | MASTERDATA | X |  | X |  | X |
| 179 | Copy of the change of supplier progress information | MASTERDATA | X |  | X |  | X |
| 180 | Confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | MASTERDATA | X |  |  |  | X |
| 181 | Confirmation of acceptance/rejection of a message with confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | RESPONSE | X |  |  |  |  |
| 182 | Copy of confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | MASTERDATA | X |  | X |  | X |
| 183 | Request for extension / reduction of supply by current supplier | MASTERDATA | X |  |  |  | X |
| 184 | Confirmation of / Error in request for extension / reduction of supply by current supplier | RESPONSE | X |  |  |  |  |
| 185 | Copy of the request for extension / reduction of supply by current supplier | MASTERDATA | X |  | X |  | X |
| 186 | Approbation with imb. resp. transfer within supply extension / reduction | MASTERDATA | X |  |  |  | X |
| 187 | Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction | RESPONSE | X |  |  |  |  |
| 188 | Copy of the approbation with imb. resp. transfer within supply extension / reduction | MASTERDATA | X |  | X |  | X |
| 189 | Message about possible reservation of distribution or transport capacity within supply extension / reduction | MASTERDATA | X |  |  |  | X |
| 190 | Confirmation of acceptance/rejection of a message about possible reservation of distribution or transport capacity within supply extension / reduction | RESPONSE | X |  |  |  |  |
| 191 | Copy of a message about possible reservation of distribution or transport capacity within supply extension / reduction | MASTERDATA | X |  | X |  | X |
| 192 | Request for supplier/subject of settlement mass change | MASTERDATA | X |  | X |  | X |
| 193 | Supplier/subject of settlement mass change | MASTERDATA | X |  | X |  | X |
| 210 | Error in request for historical maximum monthly consumption (MSMAX) | RESPONSE | X |  |  |  |  |
| 211 | Historical max. monthly consumption (MSMAX) | CDSDATA | X |  |  |  |  |
| 212 | Confirmation of PDT code list update | MASTERDATA | X |  | X |  | X |
| 215 | Confirmation of PDT code list update | RESPONSE | X |  | X |  |  |
| 222 | Confirmation of interval metered data receiving | RESPONSE | X | X | X |  |  |
| 224 | Confirmation of non-interval metered data receiving | RESPONSE | X |  | X |  |  |
| 226 | Confirmation of distribution invoicing data receiving | RESPONSE | X | X |  |  |  |
| 228 | TSO data receiving - receiving confirmation | RESPONSE | X |  | X |  |  |
| 229 | Confirmation of / Error in base data of DGI RCS data receiving | RESPONSE | X |  | X |  |  |
| 231 | Error in request sending | RESPONSE | X |  | X |  |  |
| 232 | Activated quantity of regulating energy according to generation of power: regulating energy, unit price | CDSDATA | X | X |  |  | X |
| 233 | Base data of DGI ICS data request - Receiving / rejection of request | RESPONSE | X |  | X |  |  |
| 234 | Base data of DGI ICS - output | CDSIDIS | X | X |  |  | X |
| 235 | Error message to request for data of provided regulation energy | RESPONSE | X |  | X |  |  |
| 236 | Provided regulating energy positive and negative | CDSDATA | X |  |  |  | X |
| 237 | Error message for request 134 (annual consumption estimation) | RESPONSE | X |  | X |  |  |
| 238 | Annual consumption estimation per PDT type C | CDSDATA | X |  |  |  | X |
| 239 | Base data of DGI RCS data request - Receiving / rejection of request | RESPONSE | X |  | X |  |  |
| 240 | Base data of DGI RCS - output | CDSIDIS | X |  |  |  | X |
| 241 | Error in request for change of supplier sending | RESPONSE | X |  | X |  |  |
| 243 | Negotiated diagram sending error (for data to 31.12.2009) | RESPONSE | X |  | X |  |  |
| 244 | Confirmation of sent negotiated diagram receiving (for data to 31.12.2009) | RESPONSE | X |  | X |  |  |
| 245 | Message of Supplier of last resort activation on position of primary supplier (SLR active) | MASTERDATA | X |  |  |  | X |
| 246 | Proposal of change of supplier - for approving | MASTERDATA | X |  |  |  | X |
| 247 | Error in change of supplier proposal | RESPONSE | X |  | X |  |  |
| 248 | Change of supplier message | MASTERDATA | X |  |  |  | X |
| 249 | Notification to primary supplier about future contract of delivery | MASTERDATA | X |  |  |  | X |
| 250 | Extract of the state of change of supplier | MASTERDATA | X |  |  |  | X |
| 251 | Error in request for negotiated data (for data to 31.12.2009) | RESPONSE | X |  | X |  |  |
| 252 | Negotiated diagrams for controlling the imbalance responsibility (for data to 31.12.2009) | CDSDATA | X |  |  |  | X |
| 253 | Error in request for listing of change of supplier logbook | RESPONSE | X |  | X |  |  |
| 254 | Request for assigning a subject of settlement to OPM | MASTERDATA | X |  |  |  | X |
| 255 | Error in / Confirmation of request receiving to assign subject of settlement to PDT | RESPONSE | X |  | X |  |  |
| 256 | Information about subject of settlement´s assignement to PDT | MASTERDATA | X |  | X |  | X |
| 257 | Request for assigning an observer to PDT | MASTERDATA | X |  |  |  | X |
| 258 | Error in / Confirmation of request receiving to assign an observer to PDT | RESPONSE | X |  | X |  |  |
| 259 | Information about observer´s assignement to PDT | MASTERDATA | X |  | X |  | X |
| 261 | Error / Confirmation of receiving planned consumption values (B) | RESPONSE | X |  | X |  | X |
| 262 | Error / Confirmation of receiving planned production values (A,B) | RESPONSE | X |  | X |  |  |
| 263 | Confirmation of receiving / Error in sending of negotiated CTBS values | RESPONSE | X |  | X |  | X |
| 265 | Error in request for CTBS values sending | RESPONSE | X |  | X |  |  |
| 266 | Planned values of generation A, B and C | CDSDATA | X |  |  |  | X |
| 271 | Confirmation/rejection of message for sending of request for substitutional (computed) values of PDT with type B metering | RESPONSE | X |  | X |  |  |
| 272 | Output data – substitutional (computed) values per PDT with metering type B | CDSDATA | X |  |  |  | X |
| 274 | Approval/rejection of request for change of subject of settlement by the subject of settlement | MASTERDATA | X |  |  |  | X |
| 275 | Sending of confirmation of acceptance/rejection of a message with request for change of subject of settlement by the subject of settlement | RESPONSE | X |  |  |  |  |
| 276 | Copy of approval/rejection of request for change of subject of settlement by the subject of settlement | MASTERDATA | X |  | X |  | X |
| 277 | Monthly LDS statement | CDSLDSREPORT | X |  |  |  | X |
| 278 | Confirmation of/Error in monthly LDS statement | RESPONSE | X |  |  |  |  |
| 279 | Monthly LDS statement - copy of data | CDSLDSREPORT | X |  |  |  | X |
| 280 | Request for monthly LDS statement | CDSREQ | X |  |  |  |  |
| 281 | Confirmation of/Error in request for monthly LDS statement | RESPONSE | X |  |  |  |  |
| 282 | Monthly LDS statement - copy of data | CDSLDSREPORT | X |  |  |  | X |
| 283 | System services settlement report | CDSSYSTSERVREPORT | X |  |  |  | X |
| 284 | System services settlement report - confirmation / error | RESPONSE | X |  |  |  |  |
| 285 | System services settlement report - copy of data | CDSSYSTSERVREPORT | X |  |  |  | X |
| 286 | Request for system services settlement report | CDSREQ | X |  |  |  |  |
| 287 | Request for system services settlement report - confirmation / error | RESPONSE | X |  |  |  |  |
| 288 | System services settlement report | CDSSYSTSERVREPORT | X |  |  |  | X |
| 301 | Request for consumption estimation for imbalance settlement in period when the metered meter reading is sent. | CDSREQ | X |  |  |  |  |
| 302 | Confirmation/error message for sending of Request for consumption estimation for settlement | RESPONSE | X |  |  |  |  |
| 303 | Data - consumption estimation for imbalance settlement in period, to which the metered meter reading was sent | CDSDATA | X |  |  |  | X |
| 311 | Request for imbalance data per PDT C (consumption) computed within Clearing | CDSREQ | X |  |  |  |  |
| 312 | Confirmation/error message for sending of Request for imbalance data per PDT C (consumption) computed within Clearing | RESPONSE | X |  | X |  |  |
| 313 | Data - Imbalances per PDT of type C consumption calculated within the Clearing process | CDSDATA | X |  |  |  | X |
| 314 | Request of ORS for calc. of imbalances and clearing | CDSREQ | X |  |  |  |  |
| 315 | Err. mess. to the req. of ORS for calc. of imbal. and clea | RESPONSE | X |  | X |  |  |
| 316 | Values of ORS for calc. of imbalances and clearing | CDSDATA | X |  |  |  | X |
| 321 | Request for metered values - non-interval | CDSREQ | X |  |  |  |  |
| 322 | Confirmation/error message for sending of Request for metered values - non-interval | RESPONSE | X |  | X |  |  |
| 323 | Data - metered values - non-interval | CDSDATA | X |  |  |  | X |
| 331 | Data request - calculation per primary supplier of PDT | CDSREQ | X |  |  |  |  |
| 332 | Confirmation/error message for sending of Data request - calculation per primary supplier of PDT | RESPONSE | X |  | X |  |  |
| 333 | Metered values – calculation per primary supplier of PDT | CDSDATA | X |  |  |  | X |
| 341 | Data request - aggregated values per supplier/customer | CDSREQ | X |  |  |  |  |
| 342 | Confirmation/error message for sending of Data request - aggregated values per supplier | RESPONSE | X |  | X |  |  |
| 343 | Metered values – aggregated values per supplier/customer | CDSDATA | X |  |  |  | X |
| 351 | Data request - master data of PDT | CDSREQ | X |  |  |  |  |
| 352 | Confirmation/error message for sending of Data request - master data of PDT | RESPONSE | X |  | X |  |  |
| 353 | PDT Master data - copy of data | MASTERDATA | X |  | X |  | X |
| 354 | Request for simplified list of PDT | CDSREQ | X |  |  |  |  |
| 355 | Error message for sending simplified list of PDT | RESPONSE | X |  | X |  |  |
| 356 | Simplified list of PDT | MASTERDATA | X |  | X |  | X |
| 362 | Information about LDS meter reading incompleteness within the monthly and final monthly settlement – per individual PDT | RESPONSE | X |  | X |  |  |
| 367 | Request for a list of PDT in the community | CDSREQ | X |  |  |  |  |
| 368 | Confirmation/error in the request to enumerate PDTs in the community | RESPONSE | X |  | X |  |  |
| 369 | List of PDTs in the community | MASTERDATA | X |  | X |  | X |
| 371 | Požadavek na výpis OPM dle služby | CDSREQ | X |  |  |  |  |
| 372 | Potvrzení/chyba v požadavku na výpis OPM dle služby | RESPONSE | X |  | X |  |  |
| 373 | Výpis OPM dle služby | MASTERDATA | X |  | X |  | X |
| 383 | Kmenová data sk. sdílení OPM | MASTERDATA | X |  |  |  |  |
| 400 | Invoicing base data | SFVOTREQ | X |  |  |  |  |
| 401 | Invoicing base data | SFVOTBILLING | X |  |  | X | X |
| 402 | Invoicing base data - error/confirmation | RESPONSE | X |  |  |  |  |
| 403 | OTE Invoicing base data | SFVOTREQ | X |  |  |  |  |
| 404 | OTE Invoicing base data | SFVOTBILLING | X |  |  | X | X |
| 405 | OTE invoicing base data - error/confirmation | RESPONSE | X |  |  |  |  |
| 406 | Payments and refunds overview | SFVOTREQ | X |  |  |  |  |
| 407 | Overview of payments and complaints | SFVOTCLAIM | X |  |  | X | X |
| 408 | Payments and refunds overview - error/confirmation | RESPONSE | X |  |  |  |  |
| 409 | OTE Payments and refunds overview | SFVOTREQ | X |  |  |  |  |
| 410 | OTE Overview of payments and complaints | SFVOTCLAIM | X |  |  | X | X |
| 411 | OTE payments and refunds overview - error/confirmation | RESPONSE | X |  |  |  |  |
| 413 | LP differences settlement | SFVOTTDD | X |  |  | X | X |
| 414 | Payments and refunds overview - error/confirmation | RESPONSE | X |  |  |  |  |
| 416 | OTE LP differences settlement | SFVOTTDD | X |  |  | X | X |
| 417 | OTE LP differences settlement - error/confirmation | RESPONSE | X |  |  |  |  |
| 418 | Request for the settlement report EMO-OTE | SFVOTREQ | X |  |  |  |  |
| 419 | Settlement report EMO-OTE | SFVOTBILLINGEMO | X |  |  | X | X |
| 420 | Confirmation / error in the request for the settlement report EMO-OTE | RESPONSE | X |  |  |  |  |
| 421 | Request for the settlement report OTE-EMO | SFVOTREQ | X |  |  |  |  |
| 422 | Settlement report OTE-EMO | SFVOTBILLINGEMO | X |  |  | X | X |
| 423 | Confirmation / erroro in the request for the settlement report OTE-EMO | RESPONSE | X |  |  |  |  |
| 424 | Notification on reaching of the financial security limit | RESPONSE | X |  |  |  |  |
| 425 | Request for OTE settlement rate | SFVOTREQ | X |  |  |  |  |
| 426 | OTE settlement exchange rate | SFVOTEXCHRATE | X |  |  | X | X |
| 427 | Confirmation / error in request for OTE settlement exchange rate | RESPONSE | X |  |  |  |  |
| 428 | Request for report of figured receivables and liabilities | SFVOTREQ | X |  |  |  |  |
| 429 | Report of figured receivables and liabilities | SFVOTDTEXPIMP | X |  |  | X | X |
| 430 | Confirmation / error in the request for list of figured receivables and liabilities | RESPONSE | X |  |  |  |  |
| 431 | Request for report of daily payments confirmation | SFVOTREQ | X |  |  |  |  |
| 432 | Report of daily payments confirmation | SFVOTCONFDATA | X |  |  | X | X |
| 433 | Confirmation / error in the request for report of daily payments confirmation | RESPONSE | X |  |  |  |  |
| 434 | Invoicing base data - summary - request | SFVOTREQ | X |  |  |  |  |
| 435 | Invoicing base data - summary | SFVOTBILLINGSUM | X |  |  | X | X |
| 436 | Invoicing base data - summary - confirmation / error | RESPONSE | X |  |  |  |  |
| 437 | OTE invoicing base data - summary - request | SFVOTREQ | X |  |  |  |  |
| 438 | OTE invoicing base data - summary | SFVOTBILLINGSUM | X |  |  | X | X |
| 439 | OTE invoicing base data - summary - confirmation / error | RESPONSE | X |  |  |  |  |
| 440 | Claim overview - summary - request | SFVOTREQ | X |  |  |  |  |
| 441 | Claim overview - summary | SFVOTCLAIMSUM | X |  |  | X | X |
| 442 | Claim overview - summary - confirmation / error | RESPONSE | X |  |  |  |  |
| 443 | OTE Claim overview - summary - request | SFVOTREQ | X |  |  |  |  |
| 444 | OTE Claim overview - summary | SFVOTCLAIMSUM | X |  |  | X | X |
| 445 | OTE Claim overview - summary - confirmation / error | RESPONSE | X |  |  |  |  |
| 450 | Request for registration of imbalance responsibility transfer | MASTERDATA | X |  |  |  | X |
| 451 | Confirmation of / Error in request for registration of imbalance responsibility transfer receiving | RESPONSE | X |  |  |  |  |
| 452 | Information about registration of imbalance responsibility transfer | MASTERDATA | X |  |  |  | X |
| 453 | Approbation / Refusal of imbalance responsibility transfer | MASTERDATA | X |  |  |  | X |
| 454 | Confirmation of / Error in approbation / refusal of imbalance responsibility transfer receivnig | RESPONSE | X |  |  |  |  |
| 455 | Request for imbalance responsibility transfer | SFVOTREQ | X |  |  |  |  |
| 456 | Confirmation of / Error in request for imbalance responsibility transfer receiving | RESPONSE | X |  |  |  |  |
| 457 | Information about imbalance responsibility transfer (on request 455) | MASTERDATA | X |  |  |  | X |
| 460 | LP netting - request | SFVOTREQ | X |  |  |  |  |
| 461 | LP netting | SFVOTTDDNETT | X |  |  |  | X |
| 462 | LP netting - error/confirmation | RESPONSE | X |  |  |  |  |
| 463 | Financial status limit - request | SFVOTREQ | X |  |  |  |  |
| 464 | Financial status limit | SFVOTLIMITS | X |  |  |  | X |
| 465 | Financial status limit - error/confirmation | RESPONSE | X |  |  |  |  |
| 466 | LP netting - request | SFVOTREQ | X |  |  |  |  |
| 467 | LP netting - final settlement | SFVOTTDDNETT | X |  |  |  | X |
| 468 | LP netting - final settlement - error/confirmation | RESPONSE | X |  |  |  |  |
| 469 | Final Settlement of Clearing Differences - request. It replaces code 412. | SFVOTREQ | X |  |  |  |  |
| 470 | Final Settlement of Clearing Differences | SFVOTTDD | X |  |  |  | X |
| 471 | Final Settlement of Clearing Differences - error/confirmation | RESPONSE | X |  |  |  |  |
| 472 | Final Settlement of Clearing Differences - request. It replaces code 415. | SFVOTREQ | X |  |  |  |  |
| 473 | Final Settlement of Clearing Differences - OTE | SFVOTTDD | X |  |  |  | X |
| 474 | Final Settlement of Clearing Differences OTE - error/confirmation | RESPONSE | X |  |  |  |  |
| 475 | Billing report ČEPS - PSK - request | SFVOTREQ | X |  |  |  |  |
| 476 | Billing report ČEPS - PSK | SFVOTPSK | X |  |  |  | X |
| 477 | Billing report ČEPS - PSK - error/confirmation | RESPONSE | X |  |  |  |  |
| 478 | Přehled plateb a reklamací RE – ČEPS - request | SFVOTREQ | X |  |  |  |  |
| 479 | Claim report ČEPS – PSK | SFVOTPSK | X |  |  |  | X |
| 480 | Claim report ČEPS – PSK - error/confirmation | RESPONSE | X |  |  |  |  |
| 481 | Setting limit VDT/VT | SFVOTSETTINGS | X |  |  |  | X |
| 482 | Current value of limit VDT/VT | SFVOTLIMITS | X |  |  |  | X |
| 483 | Error / confirmation set the limit at VDT / VT | RESPONSE | X |  |  |  |  |
| 484 | Automatic change limit VDT/VT | SFVOTLIMITCHANGE | X |  |  |  | X |
| 485 | Error / confirmation by sending an automatic limit change VDT / VT | RESPONSE | X |  |  |  |  |
| 505 | PDT Master data - Sharing group | SFVOTREQ | X |  |  |  |  |
| 506 | Request for   emergency state - intraday auctions | SFVOTEMGSTATE | X |  |  |  |  |
| 507 | Emergency state - intraday auctions | RESPONSE | X |  |  |  |  |
| 511 | Message for sending of normal and metered average daily temperatures | TEMPERATURE | X |  |  |  | X |
| 512 | Error in / Confirmation of normal and metered average daily temperatures data receival | RESPONSE | X |  |  |  |  |
| 521 | Message for sending of normal load profiles of supplies | TDD | X |  |  |  | X |
| 522 | Error in / Confirmation of of normal load profiles of supplies receiving | RESPONSE | X |  |  |  |  |
| 531 | Message for sending predicted temperatures | TEMPERATURE | X |  |  |  | X |
| 532 | Error in / Confirmation of predicted temperatures data receival | RESPONSE | X |  |  |  |  |
| 561 | Request for estimated diagram of PDT(C) group consumption, non-adjusted | CDSREQ | X |  |  |  |  |
| 562 | Error message for request for estimated diagram of PDT(C) group consumption, non-adjusted (561) | RESPONSE | X |  |  |  |  |
| 563 | Estimated consumption diagrams of groups of PDT(C) - non-adjusted | CDSDATA | X |  |  |  | X |
| 601 | Request for correction factor history diagram of residual DS balance | CDSREQ | X |  |  |  |  |
| 602 | Error message for request for correction factor history diagram of residual DS balance (601) | RESPONSE | X |  |  |  |  |
| 603 | History diagrams of correction factor of residual balance DS | CDSDATA | X |  |  |  | X |
| 611 | Request for estimated diagram of PDT(C) group consumption, adjusted | CDSREQ | X |  |  |  |  |
| 612 | Error message for request for estimated diagram of PDT(C) group consumption, adjusted to weather and residual balance (611) | RESPONSE | X |  |  |  |  |
| 613 | Estimated consumption diagrams of groups of PDT(C) - adjusted | CDSDATA | X |  |  |  | X |
| 621 | Request for DS aggregated data | CDSREQ | X |  |  |  |  |
| 622 | Confirmation/error message for request for DS aggregated data (621) | RESPONSE | X |  |  |  |  |
| 623 | Metered data per DS - structured by A, B, C | CDSDATA | X |  |  |  | X |
| 631 | Request for aggregated data within the state of emergency | CDSREQ | X |  |  |  |  |
| 632 | Confirmation/error message for sending of Request for aggregated data within the state of emergency | RESPONSE | X |  |  |  |  |
| 633 | Aggregated data within the state of emergency | CDSDATA | X |  |  |  | X |
| 641 | Request for summary values of RMP separated by metering type A, B and C | CDSREQ | X |  |  |  |  |
| 642 | Confirmation/error message for sending of Request for summary values of RMP separated by metering type A, B and C | RESPONSE | X |  |  |  |  |
| 643 | Output data for summary values request per RMP divided into A, B a C | CDSDATA | X |  |  |  | X |
| 651 | Request for summary values of RMP and grid separated by metering type A, B and C | CDSREQ | X |  |  |  |  |
| 652 | Confirmation/error message for sending of Request for summary values of grid separated by metering type A, B and C | RESPONSE | X |  |  |  |  |
| 653 | Output data for summary values request per RMP and grid divided into A, B a C | CDSDATA | X |  |  |  | X |
| 661 | Request for data of normal and metered weather conditions (temperatures) | CDSREQ | X |  |  |  |  |
| 662 | Confirmation/error message for sending of Request for data of normal and metered weather conditions (temperatures) | RESPONSE | X |  |  |  |  |
| 663 | Data of normal and metered climatic conditions (temperatures) | CDSDATA | X |  |  |  | X |
| 664 | Request for LP data | CDSREQ | X |  |  |  |  |
| 665 | Confirmation/error message of Request for LP data | RESPONSE | X |  |  |  |  |
| 666 | Data od LP diagrams - output data | CDSDATA | X |  |  |  | X |
| 667 | Request for temperature correction coefficient data | CDSREQ | X |  |  |  |  |
| 668 | Confirmation/error message of Request for temperature correction coefficient data | RESPONSE | X |  |  |  |  |
| 669 | Temperature correction coefficient - output data | CDSDATA | X |  |  |  | X |
| 671 | Request for predicted consumption/production for BRP | CDSREQ | X |  |  |  |  |
| 672 | Confirmation/error message of Request for predicted production/consumption data for BRP | RESPONSE | X |  |  |  |  |
| 673 | Data of predicted production/consumption for BRP | CDSDATA | X |  |  |  | X |
| 674 | Request for corr. LP | CDSREQ | X |  |  |  |  |
| 675 | Error, conf. of req. for corr. LP | RESPONSE | X |  |  |  |  |
| 676 | LP corr. to temperature and rest bil. | CDSDATA | X |  |  |  | X |
| 681 | Request for a history of B measurements for a maximum of 12 previous months | CDSREQ | X |  |  |  |  |
| 682 | Error in the request for B measurement history for a maximum of 12 previous months | RESPONSE | X |  |  |  |  |
| 683 | B measurement history for B measurement history for max. 12 previous months | CDSDATA | X |  |  |  | X |
| 804 | Postponement of closing date for the opening of receipt of IDA orders | RESPONSE | X |  |  |  |  |
| 805 | Postponement of deadline for the end of receiving IDA orders | RESPONSE | X |  |  |  |  |
| 806 | Delay in publication of IDA results | RESPONSE | X |  |  |  |  |
| 807 | Deletion of auction | RESPONSE | X |  |  |  |  |
| 808 | Capacity data for IDA | RESPONSE | X |  |  |  |  |
| 809 | Modification of capacity data for IDA | RESPONSE | X |  |  |  |  |
| 810 | Notice of change/postponement of deadline | RESPONSE | X |  |  |  |  |
| 811 | DM - Bid entering/replacement | ISOTEDATA | X |  |  |  | X |
| 812 | Confirmation/error message for enter/replacement of DM bid | RESPONSE | X |  |  |  |  |
| 813 | DM - Copy of bid data (response to 811- entering) | ISOTEDATA | X |  |  |  | X |
| 814 | IDA - Bid entering/replacement | ISOTEDATA | X |  |  |  | X |
| 815 | Confirmation/error message for enter/replacement of IDA bid | RESPONSE | X |  |  |  |  |
| 816 | IDA - Copy of bid data (response to 814 - entering) | ISOTEDATA | X |  |  |  | X |
| 821 | DM - Bid cancellation | ISOTEDATA | X |  |  |  | X |
| 822 | Confirmation/error message for cancellation of DM bid | RESPONSE | X |  |  |  |  |
| 823 | DM - Copy of bid data (response to 821- cancelation) | ISOTEDATA | X |  |  |  | X |
| 824 | IDA - Bid cancellation | ISOTEDATA | X |  |  |  | X |
| 825 | Confirmation/error message for cancellation of IDA bid | RESPONSE | X |  |  |  |  |
| 826 | IDA - Copy of bid data (response to 824 - cancelation) | ISOTEDATA | X |  |  |  | X |
| 831 | Request for DM bid data providing | ISOTEREQ | X |  |  |  |  |
| 832 | Confirmation/error message for sending of request for DM bid state definition | RESPONSE | X |  |  |  |  |
| 833 | DM - Copy of bid data (response to 831- actual status) | ISOTEDATA | X |  |  |  | X |
| 834 | Request for IDA bid data providing | ISOTEREQ | X |  |  |  |  |
| 835 | Confirmation/error message for sending of request for IDA bid state definition | RESPONSE | X |  |  |  |  |
| 836 | IDA - Copy of bid data (response to 834 - actual status) | ISOTEDATA | X |  |  |  | X |
| 904 | Delay in publication of capacity data | RESPONSE | X |  |  |  |  |
| 905 | Postponement of the deadline for receiving DM orders | RESPONSE | X |  |  |  |  |
| 906 | (ExC\_02) Delay in publication of DM results | RESPONSE | X |  |  |  |  |
| 907 | (ExC\_03b) Delay of DM results, possibility of decoupling | RESPONSE | X |  |  |  |  |
| 908 | (ExC\_04b) Full decoupling of markets - decoupling / (ExC\_05b) Full decoupling of markets - early decoupling | RESPONSE | X |  |  |  |  |
| 910 | Network data publication delay, decoupling possibility | RESPONSE | X |  |  |  |  |
| 921 | Request for IS OTE data handover | COMMONREQ | X |  |  |  |  |
| 922 | Confirmation/error message for sending of request for output data handover | RESPONSE | X |  |  |  |  |
| 923 | Request for IS OTE data handover - MarketService | COMMONMARKETREQ | X |  |  |  |  |
| 924 | Confirmation/error message for sending of request for output data handover - MarketService | RESPONSE | X |  |  |  |  |
| 934 | Request for DM results for market area | ISOTEREQ | X |  |  |  |  |
| 935 | Confirmation / Error message for request for DM results for market area | RESPONSE | X |  |  |  |  |
| 936 | DM results for the market area (form primary market coordinator) | ISOTEDATA | X |  |  |  | X |
| 937 | Request for results of market coordination per balancing subject | ISOTEREQ | X |  |  |  |  |
| 938 | Confirmation / Error message for request for results of market coordination per balancing subject | RESPONSE | X |  |  |  |  |
| 939 | Results of market coordination per balancing subject | ISOTEDATA | X |  |  |  | X |
| 941 | Data request - Complete plan of negotiated values | ISOTEREQ | X |  |  |  |  |
| 942 | Confirmation/error message for sending of Data request - Complete plan of negotiated values | RESPONSE | X |  |  |  |  |
| 943 | Final plan of negotiated values - copy of data | ISOTEDATA | X |  |  |  | X |
| 944 | Request for daily market marginal prices | ISOTEREQ | X |  |  |  |  |
| 945 | Confirmation / error in request for DM marginal prices | RESPONSE | X |  |  |  |  |
| 946 | DM marginal prices | ISOTEDATA | X |  |  |  | X |
| 947 | Request for IDA marginal prices | ISOTEREQ | X |  |  |  |  |
| 948 | Confirmation / error in request for IDA marginal prices | RESPONSE | X |  |  |  |  |
| 949 | IDA marginal prices | ISOTEDATA | X |  |  |  | X |
| 951 | Data request - Hourly settlement | ISOTEREQ | X |  |  |  |  |
| 952 | Confirmation/error message for sending of Data request - Hourly settlement | RESPONSE | X |  |  |  |  |
| 953 | Request for settlement data per hours | ISOTEDATA | X |  |  |  | X |
| 961 | Data request - Daily settlement | ISOTEREQ | X |  |  |  |  |
| 962 | Confirmation/error message for sending of Data request - Daily settlement | RESPONSE | X |  |  |  |  |
| 963 | Settlement per day - copy of data | ISOTEDATA | X |  |  |  | X |
| 964 | Data request - Statistic data of imbalances settlement | ISOTEREQ | X |  |  |  |  |
| 965 | Request for imbalance settlement statistic data - error / confirmation | RESPONSE | X |  |  |  |  |
| 966 | Request for imbalance settlement statistic data - copy of data | ISOTEDATA | X |  |  |  | X |
| 970 | Response to IM accepted proposals request | RESPONSE | X |  |  |  |  |
| 981 | Notification, gate open/closure time of RRD/DM has been changed | RESPONSE | X |  |  |  |  |
| 982 | Settlement accomplishment notification | RESPONSE | X |  |  |  |  |
| 989 | Notification about change of transfer capacity on BM (collective mail) | RESPONSE | X |  |  |  |  |
| 990 | Notification about opening of the 2nd auction to the market participants | RESPONSE | X |  |  |  |  |
| 991 | Request for server-server connection control and for delivery of non-sent IS OTE messages | COMMONREQ | X |  |  |  |  |
| 992 | Accomplishment notification of aggregation of bilateral contracts | RESPONSE | X |  |  |  |  |
| 994 | Request for server-server connection control and for delivery of non-sent IS OTE messages - MarketService | COMMONMARKETREQ | X |  |  |  |  |
| 995 | Confirmation of server-server connection control and sending of non-sent messages | RESPONSE | X |  |  |  |  |
| 996 | Confirmation of server-server connection control and sending of non-sent messages - MarketService | RESPONSE | X |  |  |  |  |
| 997 | Notice about reconciliation of DM offers | RESPONSE | X |  |  |  |  |
| GSD | Data request – Gas settlement results | ISOTEREQ | X |  |  |  |  |
| GSE | Confirmation/error message for sending of Data request - Gas settlement results | RESPONSE | X |  |  |  |  |
| GSF | Gas settlement results - copy of data | ISOTEDATA | X |  |  |  | X |
| E01 | service provider information | MASTERDATA | X |  |  |  |  |
| E12 | information about masterdata | MASTERDATA | X |  |  |  |  |
| E11 | registration of EAN to sharing group | MASTERDATA | X |  |  |  |  |
| E15 | Confirmation/error message | RESPONSE | X |  |  |  |  |
| E51 | EDC request for masterdata | CDSREQ | X |  |  |  |  |
| E52 | Confirmation/error message | RESPONSE | X |  |  |  |  |
| E53 | EAN masterdata information | MASTERDATA | X |  |  |  |  |

# XML Messages formats

Here you can find a description of messages´ formats, which are used for CS OTE communication. For each format, there are brief characteristic, list of format usage, XML schema structure (\*XSD) and a link to an example.

For optimal link performace, it is necessary, that all files were placed in following structure (arrows indicates the content of the folder) and the document is run from this location:



In the description, there is filled the entry „Reference message“ for some items, inducatin msg\_code of the message, that evoqued the sending of that item within the whole communication scenario (e.g.: data request and response).

Communication scenario description and further application details of defined structures are to be found in documents:

D1.4.4 IS OTE Automatic communication interface

User manual for CDS external subjects

## CDSCLAIM

##### PURPOSE

XML message in the CDSCLAIM format serves for communication of data of claims, request for information and publishing of information of OTE for the market participants.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 165 | Entry / actualisattion of the claim | - | Input | External subject | CS OTE |
| 167 | Claim copy | 165 | Output | CS OTE | External subject |
| 170 | Claim copy (on participant’s request) | 168 | Output | CS OTE | RMP |
| 171 | OTE message (notice board) | - | Output | CS OTE | External subject |
| 174 | OTE message (on request) | 172 | Output | CS OTE | External subject |

Full format CDSCLAIM in the form of XSD template is to be found here:

[XML\CDSCLAIM](XML/CDSCLAIM" \o "CDSCLAIM.xsd)

##### exemple of CDSCLAIM format message

|  |  |
| --- | --- |
| *Description* | *Link* |
| Entry / actualisattion of the claim (165) | [XML\CDSCLAIM\CDSCLAIM\_msg\_code\_165.xml](XML/CDSCLAIM/CDSCLAIM_msg_code_165.xml) |

## CDSDATA

##### Purpose

XML message in CDSDATA format is used to exchange the metered data and negotiated data between the market participants and the CDS. The format basis is similar to messages MSCONS and DELFOR according to UN/EDIFACT standard. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 121 | Interval metered data | - | Input | TSO/DSO | CDS |
| 122 | Non-interval metered data | - | Input | TSO/DSO | CDS |
| 124 | Activated quantity of regulating energy according to generation of power: regulating energy, unit price | - | Input | TSO | CDS |
| 125 | Annual consumption estimation per PDT | - | Input | DSO | CDS |
| 142 | Registration of negotiated diagram for controlling the imbalance responsibility (for data to 31.12.2009) | - | Input | Trader | CDS |
| 160 | Planned concumption diagrams (PDT type B) | - | Input | BRP | CDS |
| 161 | Planned generation or consumption diagrams (PDT type A) or generation diagrams (PDT type B) | - | Input | BRP | CDS |
| 162 | Planned values of generation | - | Input | BRP | CDS |
| 211 | Historical max. monthly consumption (MSMAX) | 110 | Output | CDS | External subject |
| 232 | Activated quantity of regulating energy according to generation of power: regulating energy, unit price | 131 | Output | DSO | Service provider |
| 236 | Provided regulating energy positive and negative | 133 | Output | CDS | Service provider |
| 238 | Annual consumption estimation per PDT type C | 134 | Output | CDS | External subject |
| 252 | Negotiated diagrams for controlling the imbalance responsibility (for data to 31.12.2009) | 143 | Output | CDS | Supplier |
| 266 | Planned values of generation A, B and C | 163 | Output | CDS | TSO/DSO /BRP |
| 272 | Output data – substitutional (computed) values per PDT with metering type B | 135 | Output | CDS | External subject |
| 303 | Data - consumption estimation for imbalance settlement in period, to which the metered meter reading was sent | 301 | Output | CDS | External subject |
| 313 | Data - Imbalances per PDT of type C consumption calculated within the Clearing process | 311 | Output | CDS | External subject |
| 316 | Values of ORS for calc. of imbalances and clearing | 314 | Output | CDS | External subject |
| 323 | Data - metered values - non-interval | 321 | Output | CDS | BRP |
| 333 | Metered values – calculation per primary supplier of PDT | 331 | Output | CDS | BRP |
| 343 | Metered values – aggregated values per supplier/customer | 341 | Output | CDS | BRP |
| 563 | Estimated consumption diagrams of groups of PDT(C) - non-adjusted | 561 | Output | CDS | External subject |
| 603 | History diagrams of correction factor of residual balance DS | 601 | Output | CDS | External subject |
| 613 | Estimated consumption diagrams of groups of PDT(C) - adjusted | 611 | Output | CDS | Extenal subject |
| 623 | Metered data per DS - structured by A, B, C | 621 | Output | CDS | TSO/DSO |
| 633 | Aggregated data within the state of emergency | 631 | Output | CDS | BRP |
| 643 | Output data for summary values request per RMP divided into A, B a C | 641 | Output | CDS | External subject |
| 653 | Output data for summary values request per RMP and grid divided into A, B a C | 651 | Output | CDS | External subject |
| 656 | Proportional aggregated ASC2 profile data by supplier | 654 | Output | CDS | External subject |
| 663 | Data of normal and metered climatic conditions (temperatures) | 661 | Output | CDS | External subject |
| 666 | Data od LP diagrams - output data | 664 | Output | CDS | Extrenal subject |
| 669 | Temperature correction coefficient - output data | 667 | Output | CDS | External subject |
| 673 | Data of predicted production/consumption for BRP | 671 | Output | CDS | External subject |
| 676 | LP corr. to temperature and rest bil. | 674 | Output | CDS | External subject |
| 683 | B measurement history for B measurement history for max. 12 previous months | 681 | Output | CDS | External subject |

Tab. 1 – List of profile roles and corresponding message codes (used: element *location@profile-role*)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Code* | *Meaning* | | *Incomming message*  *( msg\_code)* | | | *Outgoing message*  *(msg\_code)* | |
| A10 | Metered interval values - balance (generation/consumption) | | 121 | | | 232 | |
| A11 | Metered values - generation | | 121 | | | 232 | |
| A12 | Metered values - consumption | | 121 | | | 232 | |
| A21 | Allocated value by primary supplier - generation | |  | | | 333 | |
| A22 | Allocated value by primary supplier - consumption | |  | | | 333 | |
| A71 | Aggr. values by supplier / cunsumer - consumption | |  | | | 343 | |
| A72 | Aggr. values by supplier / cunsumer - generation | |  | | | 343 | |
| A91 | Substitutional (computed) values for PDT with type B metering - Generation | | - | | | 272 | |
| A92 | Substitutional (computed) values for PDT with type B metering - Consumption | | - | | | 272 | |
| A101 | Aggr. value of generation (state of emergency) – geothermal source type | |  | | | 633 | |
| A102 | Aggr. value of generation (state of emergency) – nuclear source type | |  | | | 633 | |
| A103 | Aggr. value of generation (state of emergency) – steam source type | |  | | | 633 | |
| A104 | Aggr. value of generation (state of emergency) – combined (gas-steam) source type | |  | | | 633 | |
| A105 | Aggr. value of generation (state of emergency) – gas and combustion source type | |  | | | 633 | |
| A106 | Aggr. value of generation (state of emergency) – pumped storage hydroel. source type | |  | | | 633 | |
| A107 | Aggr. value of generation (state of emergency) – solar source type | |  | | | 633 | |
| A108 | Aggr. value of generation (state of emergency) – photovoltaic source type | |  | | | 633 | |
| A109 | Aggr. value of generation (state of emergency) – small hydroelectric source type | |  | | | 633 | |
| A110 | Aggr. value of generation (state of emergency) – large hydroelectric source type | |  | | | 633 | |
| A111 | Aggr. value of generation (state of emergency) – tidal source type | |  | | | 633 | |
| A112 | Aggr. value of generation (state of emergency) – wind source type | |  | | | 633 | |
| A113 | Aggr. value of generation (state of emergency) – bio/plants and it's parts source type | |  | | | 633 | |
| A114 | Aggr. value of generation (state of emergency) – bio/wastes source type | |  | | | 633 | |
| A115 | Aggr. value of generation (state of emergency) – bio/gas produced from biomass source type | |  | | | 633 | |
| A116 | Aggr. value of generation (state of emergency) – bio/gas from biomass source type | |  | | | 633 | |
| A117 | Aggr. value of generation (state of emergency) – bio/wood waste source type | |  | | | 633 | |
| A118 | Aggr. value of generation (state of emergency) – bio/gas from wood waste source type | |  | | | 633 | |
| A119 | Aggr. value of generation (state of emergency) – bio/other source type | |  | | | 633 | |
| A120 | Aggr. value of generation (state of emergency) – other source type | |  | | | 633 | |
| A121 | Aggr. value of generation (state of emergency) – import source type | |  | | | 633 | |
| A121 | Aggr. value of generation (state of emergency) – microsources | |  | | | 633 | |
| A201 | Aggr. value of consumption (state of emergency) | |  | | | 633 | |
| A3A1 | Aggregated metered value of energy generation, metering type A, point of delivery DS - DS / DS - TS | |  | | | 623 | |
| A3A2 | Aggregated metered value of energy consumption, metering type A, point of delivery DS - DS / DS - TS | |  | | | 623 | |
| A3B1 | Aggregated metered value of energy generation, metering type B, point of delivery DS - DS / DS - TS | |  | | | 623 | |
| A3B2 | Aggregated metered value of energy consumption, metering type B, point of delivery DS - DS / DS - TS | |  | | | 623 | |
| A3C1 | Aggregated metered value of energy generation, metering type C, point of delivery DS - DS / DS - TS | |  | | | 623 | |
| A3C2 | Aggregated metered value of energy consumption, metering type C, point of delivery DS - DS / DS - TS | |  | | | 623 | |
| ASA1 | Aggregated metered value of energy supply, metering type A, generation | |  | | | 623 | |
| ASA2 | Aggregated metered value of energy consumption, metering type A, generation and consumption | |  | | | 623 | |
| ASA4 | Aggregated metered value of energy consumption, metering type A, consumption | |  | | | 623 | |
| ASB1 | Aggregated metered value of energy supply, metering type B, generation | |  | | | 623 | |
| ASB2 | Aggregated metered value of energy consumption, metering type B, generation and consumption | |  | | | 623 | |
| ASB4 | Aggregated metered value of energy consumption, metering type B, consumption | |  | | | 623 | |
| ASC1 | Aggregated metered value of energy supply, metering type C, generation | |  | | | 623 | |
| ASC2 | Aggregated metered value of energy consumption, metering type C, generation and consumption | |  | | | 623 | |
| ASC4 | Aggregated metered value of energy consumption, metering type C, consumption | |  | | | 623 | |
| B10 | Metered non-interval values, balance | | 122 | | | 232 | |
| B11 | Non-interval metered value - generation | | 122 | | | 232 | |
| B12 | Non-interval metered value - consumption | | 122 | | | 232 | |
| C11 | Negotiated profile - generation | | 161,162 | | | 266, 268 | |
| C12 | Negotiated profile - consumption | | 161,160,162 | | | 266, 268 | |
| C22 | Consumption estimation for PDT related to meter reading | |  | | | 303 | |
| C33 | Negotiated profile - import | | 161,162 | | | 266, 268 | |
| C34 | Negotiated profile - export | | 161,162 | | | 266, 268 | |
| DBxy | Diagram TDD kor. na teplotu a zb. bil. pro x-tou t. o. a y-tou tř. TDD | | 674 | | | 676 | |
| DKxy | DKxy-LP diagram corr. for "x" temp. area and "y" LP class | |  | | | 666 | |
| DNxy | DNxy-LP diagram norm. for "x" temp. area and "y" LP class | |  | | | 666 | |
| E111 | Negotiated diagram - supply 2 | | 142 | | | 252 | |
| E112 | Negotiated diagram - supply 3 | | 142 | | | 252 | |
| E113 | Negotiated diagram - supply 4 | | 142 | | | 252 | |
| E114 | Negotiated diagram - supply 5 | | 142 | | | 252 | |
| E115 | Negotiated diagram - supply 6 | | 142 | | | 252 | |
| E116 | Negotiated diagram - supply 7 | | 142 | | | 252 | |
| E117 | Negotiated diagram - supply 8 | | 142 | | | 252 | |
| E118 | Negotiated diagram - supply 9 | | 142 | | | 252 | |
| E119 | Negotiated diagram - supply 10 | | 142 | | | 252 | |
| E121 | Negotiated diagram - consumption 2 | | 142 | | | 252 | |
| E122 | Negotiated diagram - consumption 3 | | 142 | | | 252 | |
| E123 | Negotiated diagram - consumption 4 | | 142 | | | 252 | |
| E124 | Negotiated diagram - consumption 5 | | 142 | | | 252 | |
| E125 | Negotiated diagram - consumption 6 | | 142 | | | 252 | |
| E126 | Negotiated diagram - consumption 7 | | 142 | | | 252 | |
| E127 | Negotiated diagram - consumption 8 | | 142 | | | 252 | |
| E128 | Negotiated diagram - consumption 9 | | 142 | | | 252 | |
| E129 | Negotiated diagram - consumption 10 | | 142 | | | 252 | |
| F01 | Block 10 - Metered values - RE+ | | 124 | | | 236 | |
| F02 | Block 10 - Metered values - RE- | | 124 | | | 236 | |
| F11 | Block 1 - Metered values - RE+ | | 124 | | | 236 | |
| F12 | Block 1 - Metered values - RE- | | 124 | | | 236 | |
| F21 | Block 2 - Metered values - RE+ | | 124 | | | 236 | |
| F22 | Block 2 - Metered values - RE- | | 124 | | | 236 | |
| ... | ... | | 124 | | | 236 | |
| F91 | Block 9 - Metered values - RE+ | | 124 | | | 236 | |
| F92 | Block 9 - Metered values - RE- | | 124 | | | 236 | |
| FA1 | Block 11 - Metered values - RE+ | | 124 | | | 236 | |
| FA2 | Block11 - Metered values - RE- | | 124 | | | 236 | |
| ... | ... | | 124 | | | 236 | |
| FJ1 | Block 20 - Metered values - RE+ | | 124 | | | 236 | |
| FJ2 | Block 20 - Metered values - RE- | | 124 | | | 236 | |
| FX1 | Block Re-dispatch - meter data of RE+ | | 124 | | | 236 | |
| FX2 | Block Re-dispatch - meter data of RE- | | 124 | | | 236 | |
| FY1 | Aggregated value of regulating energy of HR- RE+ | | 124 | | | 236 | |
| FY2 | Aggregated value of regulating energy of HR- RE- | | 124 | | | 236 | |
| FZ1 | Aggregated value of regulating energy RE+ for RE provider | | 124 | | | 236 | |
| FZ2 | Aggregated value of regulating energy RE- for RE provider | | 124 | | | 236 | |
| G01 | Block 10 - Actual price profile - (RE+), Price | | 124 | | | 236 | |
| G02 | Block 10 - Actual price profile - (RE-), Price | | 124 | | | 236 | |
| G11 | Block 1 - Actual price profile - (RE+), Price | | 124 | | | 236 | |
| G12 | Block 1 - Actual price profile - (RE-), Price | | 124 | | | 236 | |
| ... | ... | | 124 | | | 236 | |
| G91 | Block 9 - Actual price profile - (RE+), Price | | 124 | | | 236 | |
| G91 | Block 9 - Actual price profile - (RE-), Price | | 124 | | | 236 | |
| GA1 | Block 11 - Actual price profile - (RE+), Price | | 124 | | | 236 | |
| GA2 | Block 11 - Actual price profile - (RE-), Price | | 124 | | | 236 | |
| ... | ... | | 124 | | | 236 | |
| GJ1 | Block 20 - Actual price profile - (RE+), Price | | 124 | | | 236 | |
| GJ2 | Block 20 - Actual price profile - (RE-), Price | | 124 | | | 236 | |
| GX1 | Block Re-dispatch - real price profile - (RE+), Price | | 124 | | | 236 | |
| GX2 | Block Re-dispatch - real price profile - (RE-), Price | | 124 | | | 236 | |
| GY1 | Total payment for regulating energy of HR- RE+ for RE provider | | 124 | | | 236 | |
| GY2 | Total payment for regulating energy of HR- RE- for RE provider | | 124 | | | 236 | |
| GZ1 | Total payment for regulating energy RE+ for RE provider | | 124 | | | 236 | |
| GZ2 | Total payment for regulating energy RE- for RE provider | | 124 | | | 236 | |
| H11 | Informative imbalance - generation PDT | | - | | | \*\* | |
| H12 | Informative imbalance - consumption PDT | | - | | | \*\* | |
| H21 | Informative imbalance - generation BRP | | - | | | \*\* | |
| H22 | Consumption BRP | | - | | | \*\* | |
| H31 | Informative imbalance - generation TSO, DSO, LDS | | - | | | \*\* | |
| H32 | Informative imbalance - consumption TSO, DSO, LDS | | - | | | \*\* | |
| H41 | Meter reading and relevant consumption estimation imbalance for PDT - positive | |  | | | 313 | |
| H42 | Meter reading and relevant consumption estimation imbalance for PDT - negative | |  | | | 313 | |
| H51 | Informative imbalance - generation ES | | - | | | \*\* | |
| H52 | Informative imbalance - consumption ES | | - | | | \*\* | |
| J12 | Group LP (class, area, supplier, DS) - consumption | | - | | | \* | |
| J32 | Group LP adjusted to weather and residual balance - consumption | | - | | | \* | |
| J40 | Computed residual profile DS (balance) | | - | | | \* | |
| J50 | Correction profile (residual DS balance correction) | | - | | | 603 | |
| J62 | Adjusted group LP - consumption | | - | | | \* | |
| J7XY | Temperature correction coefficient, temp. area X, TDD class Y | |  | | | 669 | |
| SKxy | Group LP with TempArea, LPclass, supplier and grid correction | | - | | | 613 | |
| SNxy | Group LP without TempArea, LPclass, supplier and grid correction | | - | | | 563 | |
| P11 | Predicted production for positive imbalace | | - | | | 671 | |
| P12 | Predicted consumption for positive imbalace | | - | | | 671 | |
| P21 | Predicted production for negative imbalace | | - | | | 671 | |
| P22 | Predicted consumption for negative imbalace | | - | | | 671 | |
| TAx | Metered temperature - temperature area x | | - | | | 663 | |
| TBx | Flat metered temperature - temperature area x | | - | | | 663 | |
| TMx | Flat normal temperature - temperature area x | | - | | | 663 | |
| TNx | Normal temperature - temperature area x | | - | | | 663 | |
| TPx | Predicted temperature - temperature area x | | - | | | 663 | |
| TQx | Flat predicted temperature - temperature area x | | - | | | 663 | |
| FX3 | RE ability verification - RE+ | | 124 | | | 236 | |
| FX4 | RE ability verification - RE- | | 124 | | | 236 | |
| GX3 | RE ability verification - RE+, price | | 124 | | | 236 | |
| GX4 | RE ability verification - RE-, price | | 124 | | | 236 | |
| VVN1 | Agregated production VHV | | - | | | 623 | |
| VVN2 | Agregated consumption VHV | | - | | | 623 | |
| VN1 | Agregated production HV | | - | | | 623 | |
| VN2 | Agregated consumption HV | | - | | | 623 | |
| NN1 | Agregated production LV | | - | | | 623 | |
| NN2 | Agregated consumption LV | | - | | | 623 | |
| TV11 | Value of RE+ from RR for 1st quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV12 | Value of RE- from RR for 1st quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV21 | Value of RE+ from RR for 2nd quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV22 | Value of RE- from RR for 2nd quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV31 | Value of RE+ from RR for 3rd quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV32 | Value of RE- from RR for 3rd quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV41 | Value of RE+ from RR for 4th quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV42 | Value of RE- from RR for 4th quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV13 | Value of RE+ from RR for 1st quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV14 | Value of RE- from RR for 1st quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV23 | Value of RE+ from RR for 2nd quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV24 | Value of RE- from RR for 2nd quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV33 | Value of RE+ from RR for 3rd quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV34 | Value of RE- from RR for 3rd quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV43 | Value of RE+ from RR for 4th quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV44 | Value of RE- from RR for 4th quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TV15 | Value of RE+ for the 1st quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV16 | Value of RE+ for the 1st quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV25 | Value of RE+ for the 2nd quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV26 | Value of RE+ for the 2nd quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV35 | Value of RE+ for the 3rd quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV36 | Value of RE+ for the 3rd quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV45 | Value of RE+ for the 4th quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV46 | Value of RE+ for the 4th quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV17 | Value of RE+ for the 1st quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV18 | Value of RE- for the 1st quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV27 | Value of RE+ for the 2nd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV28 | Value of RE- for the 2nd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV37 | Value of RE+ for the 3rd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV38 | Value of RE- for the 3rd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV47 | Value of RE+ for the 4th quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV48 | Value of RE- for the 4th quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TV09 | Value of RE+ not delivered in required quality | | 124 | | | 228 (NOK), 236 (OK) | |
| TV00 | Value of RE- not delivered in required quality | | 124 | | | 228 (NOK), 236 (OK) | |
| TP11 | Price of RE+ from RR for 1st quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP12 | Price of RE- from RR for 1st quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP21 | Price of RE+ from RR for 2nd quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP22 | Price of RE- from RR for 2nd quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP31 | Price of RE+ from RR for 3rd quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP32 | Price of RE- from RR for 3rd quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP41 | Price of RE+ from RR for 4th quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP42 | Price of RE- from RR for 4th quarter of an hour - for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP13 | Price of RE+ from RR for 1st quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP14 | Price of RE- from RR for 1st quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP23 | Price of RE+ from RR for 2nd quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP24 | Price of RE- from RR for 2nd quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP33 | Price of RE+ from RR for 3rd quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP34 | Price of RE- from RR for 3rd quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP43 | Price of RE+ from RR for 4th quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP44 | Price of RE- from RR for 4th quarter of an hour - not provided for the solution of imbalances in the CR | | 124 | | | 228 (NOK), 236 (OK) | |
| TP15 | Price of RE+ for the 1st quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP16 | Price of RE+ for the 1st quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP25 | Price of RE+ for the 2nd quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP26 | Price of RE+ for the 2nd quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP35 | Price of RE+ for the 3rd quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP36 | Price of RE+ for the 3rd quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP45 | Price of RE+ for the 4th quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP46 | Price of RE+ for the 4th quarter of an hour - caused by activating the RR bid for the next quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP17 | Price of RE+ for the 1st quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP18 | Price of RE- for the 1st quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP27 | Price of RE+ for the 2nd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP28 | Price of RE- for the 2nd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP37 | Price of RE+ for the 3rd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP38 | Price of RE- for the 3rd quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP47 | Price of RE+ for the 4th quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP48 | Price of RE- for the 4th quarter of an hour - caused by deactivating the RR bid from the previous quarter hour | | 124 | | | 228 (NOK), 236 (OK) | |
| TP09 | Price of RE+ not delivered in required quality | | 124 | | | 228 (NOK), 236 (OK) | |
| TP00 | Price of RE- not delivered in required quality | | 124 | | | 228 (NOK), 236 (OK) | |
| EK51 | Value of RE+ compensation profile | | 124 | | | 228 (NOK), 236 (OK) | |
| EK52 | Value of RE- compensation profile | | 124 | | | 228 (NOK), 236 (OK) | |
| |  |  | | --- | --- | | ASC5 | agregovaný profil, dodávka kategorie měření C1, C2, C3 | |  | agregovaný profil, odběr kategorie měření C1, C2, C3 | | | agregovaný profil, dodávka kategorie měření C1, C2, C3 | |  | 623 | |
| ASC6 | | agregovaný profil, odběr kategorie měření C1, C2, C3 | |  | 623 | |
| TDAx | | Metered temperature - temperature area X | |  | 663 | |
| TDBx | | Flat metered temperature - temperature area X | |  | 663 | |
| TDNx | | Normal temperature - temperature area  X | |  | 663 | |
| TDMx | | Flat normal temperature - temperature area X | |  | 663 | |
| TDPx | | Predicted temperature - temperature area X | |  | 663 | |
| TDQx | | Flat predicted temperature - temperature area X | |  | 663 | |
| PV1 | | Value of RE+ aFRR produced on a given unit | | 124 | 228 (NOK), 236 (OK) | |
| PV2 | | Value of RE- aFRR produced on a given unit | | 124 | 228 (NOK), 236 (OK) | |
| PV3 | | Value of RE+ aFRR exported abroad | | 124 | 228 (NOK), 236 (OK) | |
| PV4 | | Value of RE- aFRR exported abroad | | 124 | 228 (NOK), 236 (OK) | |
| PV5 | | Value of RE+ aFRR activation not performed | | 124 | 228 (NOK), 236 (OK) | |
| PV6 | | Value of RE- aFRR activation not performed | | 124 | 228 (NOK), 236 (OK) | |
| PV9 | | Value of RE+ aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| PV0 | | Value of RE- aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| PP1 | | Price RE+ aFRR produced on the given unit | | 124 | 228 (NOK), 236 (OK) | |
| PP2 | | Price RE- aFRR produced on the given unit | | 124 | 228 (NOK), 236 (OK) | |
| PP3 | | Price of RE+ aFRR exported abroad | | 124 | 228 (NOK), 236 (OK) | |
| PP4 | | Price of RE- aFRR exported abroad | | 124 | 228 (NOK), 236 (OK) | |
| PP5 | | Price of RE+ aFRR activation not performed | | 124 | 228 (NOK), 236 (OK) | |
| PP6 | | Price of RE- aFRR activation not performed | | 124 | 228 (NOK), 236 (OK) | |
| PP9 | | Price of RE+ aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| PP0 | | Price of RE- aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| SV1 | | Value of planned RE+ mFRR activation for the CR | | 124 | 228 (NOK), 236 (OK) | |
| SV2 | | Value of planned RE- mFRR activation for the CR | | 124 | 228 (NOK), 236 (OK) | |
| SV3 | | Value of planned activation RE+ mFRR Abroad | | 124 | 228 (NOK), 236 (OK) | |
| SV4 | | Value of planned activation RE- mFRR Abroad | | 124 | 228 (NOK), 236 (OK) | |
| SV5 | | Value planned RE+ mFRR for the following quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| SV6 | | Value planned RE- mFRR for the following quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| SV7 | | Value planned RE+ mFRR for the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| SV8 | | Value planned RE- mFRR for the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| SV9 | | Value planned activation RE+ aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| SV0 | | Value planned activation RE- aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| SP1 | | Price of the planned activation of RE+ mFRR for the CR | | 124 | 228 (NOK), 236 (OK) | |
| SP2 | | Price of the planned activation of RE- mFRR for the CR | | 124 | 228 (NOK), 236 (OK) | |
| SP3 | | Price of planned activation RE+ mFRR Abroad | | 124 | 228 (NOK), 236 (OK) | |
| SP4 | | Price of planned activation RE- mFRR Abroad | | 124 | 228 (NOK), 236 (OK) | |
| SP5 | | Сena RE+ mFRR for the next quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| SP6 | | Сena RE- mFRR for the next quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| SP7 | | Сena RE+ mFRR for the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| SP8 | | Сena RE- mFRR for the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| SP9 | | Price planned activation RE+ aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| SP0 | | Price planned activation RE- aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| DV1 | | Value of direct activation of RE+ mFRR for the CR | | 124 | 228 (NOK), 236 (OK) | |
| DV2 | | Value of direct activation of RE- mFRR for the CR | | 124 | 228 (NOK), 236 (OK) | |
| DV3 | | Value of direct activation RE+ mFRR Abroad | | 124 | 228 (NOK), 236 (OK) | |
| DV4 | | Value of direct activation RE+ mFRR Abroad | | 124 | 228 (NOK), 236 (OK) | |
| DV5 | | Value of direct RE+ mFRR for the following quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| DV6 | | Value of direct RE- mFRR for the following quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| DV7 | | Value of direct RE+ mFRR for the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| DV8 | | Value of direct RE- mFRR for the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| DV9 | | Price direct activation RE+ aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| DV0 | | Price direct activation RE- aFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| DP1 | | Price of direct activation of RE+ mFRR for the CR | | 124 | 228 (NOK), 236 (OK) | |
| DP2 | | Price of direct activation of RE- mFRR for the CR | | 124 | 228 (NOK), 236 (OK) | |
| DP3 | | Price of direct activation RE+ mFRR Abroad | | 124 | 228 (NOK), 236 (OK) | |
| DP4 | | Price of direct activation RE- mFRR Abroad | | 124 | 228 (NOK), 236 (OK) | |
| DP5 | | Direct RE+ price mFRR for the following quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| DP6 | | Direct RE- price mFRR for the following quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| DP7 | | Direct RE+ price mFRR for previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| DP8 | | Direct RE- price mFRR for previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| DP9 | | Price direct activation RE+ mFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| DP0 | | Price direct activation RE- mFRR not delivered in the required quality | | 124 | 228 (NOK), 236 (OK) | |
| EV1 | | Value of RE+ cross-border assistance | | 124 | 228 (NOK), 236 (OK) | |
| EV2 | | Value of RE- cross-border assistance | | 124 | 228 (NOK), 236 (OK) | |
| EP1 | | Price of RE+ cross-border assistance | | 124 | 228 (NOK), 236 (OK) | |
| EP2 | | Price of RE- cross-border assistance | | 124 | 228 (NOK), 236 (OK) | |
| TV1 | | Value of RE+ from RR - for the solution of imbalances in the CR | | 124 | 228 (NOK), 236 (OK) | |
| TV2 | | Value of RE- from RR - for the solution of imbalances in the CR | | 124 | 228 (NOK), 236 (OK) | |
| TV3 | | Value of RE+ from RR - not provided for the solution of imbalances in the CR | | 124 | 228 (NOK), 236 (OK) | |
| TV4 | | Value of RE- from RR - not provided for the solution of imbalances in the CR | | 124 | 228 (NOK), 236 (OK) | |
| TV5 | | Value of RE+ from RR - caused by activating the RR bid for the next quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| TV6 | | Value of RE+ from RR - caused by activating the RR bid for the next quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| TV7 | | Value of RE+ from RR - caused by deactivating the RR bid from the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| TV8 | | Value of RE- from RR - caused by deactivating the RR bid from the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| TV9 | | Value of RE+ from RR - not delivered in required quality | | 124 | 228 (NOK), 236 (OK) | |
| TV0 | | Value of RE- from RR - not delivered in required quality | | 124 | 228 (NOK), 236 (OK) | |
| TP1 | | Price of RE+ from RR - for the solution of imbalances in the CR | | 124 | 228 (NOK), 236 (OK) | |
| TP2 | | Price of RE- from RR - for the solution of imbalances in the CR | | 124 | 228 (NOK), 236 (OK) | |
| TP3 | | Price of RE+ from RR - not provided for the solution of imbalances in the CR | | 124 | 228 (NOK), 236 (OK) | |
| TP4 | | Price of RE- from RR - not provided for the solution of imbalances in the CR | | 124 | 228 (NOK), 236 (OK) | |
| TP5 | | Price of RE+ from RR - caused by activating the RR bid for the next quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| TP6 | | Price of RE+ from RR - caused by activating the RR bid for the next quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| TP7 | | Price of RE+ from RR - caused by deactivating the RR bid from the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| TP8 | | Price of RE- from RR - caused by deactivating the RR bid from the previous quarter hour | | 124 | 228 (NOK), 236 (OK) | |
| TP9 | | Price of RE+ from RR - not delivered in required quality | | 124 | 228 (NOK), 236 (OK) | |
| TP0 | | Price of RE- from RR - not delivered in required quality | | 124 | 228 (NOK), 236 (OK) | |
| S11 | | measurement after respecting of sharing-supply | | 124 | 232 | |
| S12 | | measurement after respecting of sharing-consuption | | 124 | 232 | |
| ASC5 | | Aggregated supply, measurement category C1,C2,C3 | |  | 623 | |
| ASC6 | | Aggregated consumption, measurement category C1,C2,C3 | |  | 623 | |
| S91 | | Substitutional values of delivery taking into acount sharing | |  | 272 | |
| S92 | | Substitutional values of consuption taking into acount sharing | |  | 272 | |

Remarks:

Snxy and Skxy:

x … means number of temperature area

y … means number of LP class

\* It will not be used temporarily. It will be activate in case of change request realization.

\*\* Does not relate to LP function, it will be activated in case of external interface adjustment on the external users side.

Tab. 2 – Qualificator of value type (used: element *location@value-type*)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Code* | *Meaning* | *Incomming message* | | *Outgoing message* | |
| A01 | Total amount by subject of settlement | 161 | 162 | 266 | 268 |
| A02 | Total amount by PDT | 161 | 162 | 266 | 268 |

Full message scheme CDSDATA in .xsd format can be found here:

[XML\CDSDATA](XML/CDSDATA" \o "CDSDATA.xsd)

##### Exemples of CDSDATA Format messages

|  |  |
| --- | --- |
| *Description* | *Link* |
| Interval metered data (121) | [XML\CDSDATA\CDSDATA\_msg\_code\_121.xml](XML/CDSDATA/CDSDATA_msg_code_121.xml) |
| Non-interval metered data (122) | [XML\CDSDATA\CDSDATA\_msg\_code\_122.xml](XML/CDSDATA/CDSDATA_msg_code_122.xml) |
| Activated quantity of Re (124) | [XML\CDSDATA\CDSDATA\_msg\_code\_124.xml](XML/CDSDATA/CDSDATA_msg_code_124.xml) |
| Annual consumption estimation (125) | [XML\CDSDATA\CDSDATA\_msg\_code\_125.xml](XML/CDSDATA/CDSDATA_msg_code_125.xml) |
| Planned generation diagrams (A, B) - (161) | [XML\CDSDATA\CDSDATA\_msg\_code\_161.xml](XML/CDSDATA/CDSDATA_msg_code_161.xml) |
| Planned generation diagrams - non-interval metered (C) - (162) | [XML\CDSDATA\CDSDATA\_msg\_code\_162.xml](XML/CDSDATA/CDSDATA_msg_code_162.xml) |
| Interval metered data (121) - short day | [XML\CDSDATA\CDSDATA\_msg\_code\_121\_short\_day.xml](XML/CDSDATA/CDSDATA_msg_code_121_short_day.xml) |
| Interval metered data (121) - long day | [XML\CDSDATA\CDSDATA\_msg\_code\_121\_long\_day.xml](XML/CDSDATA/CDSDATA_msg_code_121_long_day.xml) |

## CDSIDIS

##### purpose

XML message in CDSIDIS format is used to exchange the base data for invoicing of distribution services between the market participants and the CDS. The format basis corresponds to ERÚ pricing resolution for year 2003. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 123 | Base data of DGI ICS - input | - | Input | DSO | CDS |
| 126 | Base data of DGI ICS - output | - | Input | TSO/DSO | CDS |
| 234 | Base data of DGI RCS - input | 132 | Output | CDS | Service provider |
| 240 | Base data of DGI RCS - output | 136 | Output | CDS | TSO/DSO |

Full message scheme CDSIDIS in .xsd format can be found here:

[XML\CDSIDIS](XML/CDSIDIS" \o "CDSIDIS.xsd)

##### Exemple of CDSIDIS format message

|  |  |
| --- | --- |
| *Description* | *Link* |
| Base data of DGI ICS - input (123) | [XML\CDSIDIS\CDSIDIS\_msg\_code\_123.xml](XML/CDSIDIS/CDSIDIS_msg_code_123.xml) |
| Base data of DGI RCS - input (126) | [XML\CDSIDIS\CDSIDIS\_msg\_code\_126.xml](XML/CDSIDIS/CDSIDIS_msg_code_126.xml) |

## CDSINVOICE

##### PURPOSE

XML message in CDSINVOICE forma is used for exchange of electronic invoice for distributrion services. The invoice is sent by distributor to supplier.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 127 | Electronic invoice | 129 | Input / Output | Distributor; CDS | Supplier; CDS |

Complete structure of CDSINVOICE format is to be found here:

[XML\CDSINVOICE](XML/CDSINVOICE" \o "CDSINVOICE.xsd)

##### exemple of CDSINVOICE format message

|  |  |
| --- | --- |
| *Description* | *Link* |
| Electronic invoice (127) | [XML\CDSINVOICE\CDSINVOICE\_msg\_code\_127.xml](XML/CDSINVOICE/CDSINVOICE_msg_code_127.xml) |

Rem.: The exemple is without electronic signature otherwise being common

## CDSLDSREPORT

##### Purpose

The XML message in the CDSLDSREPORT format serves for sending LDS statement data. The format can be used in cases from the following table when communicating with Centre of Data Services CDS:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Refernce message** | **Input / Output** | **Source** | **Target** |
| 277 | Monthly LDS statement | - | Input | RMP | CDS |
| 279 | Monthly LDS statement - copy of data | 277 | Output | CDS | RMP |
| 282 | Monthly LDS statement - copy of data | 280 | Output | CDS | RMP |

Complete structure of CDSLDSREPORT format is to be found here:

[XML\CDSLDSREPORT](XML/CDSLDSREPORT" \o "CDSREQ.xsd)

## CDSREQ

##### purpose

XML message in CDSREQ format is used to request for documents / messages from CDS. The format basis is similar to REQDOC messages according to UN/EDIFACT standard. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 110 | Request for historical maximum monthly consumption (MSMAX) | - | Input | External subject | CDS |
| 118 | Request for data of PDT disconnection | - | Input | Service provider | CDS |
| 129 | Request for electronic invoice | - | Input | External subject | CDS |
| 131 | Request for invoicing data sending | - | Input | Service provider | CDS |
| 132 | Request of ORS for calc. of imbalances and clearing | - | Input | Service provider | CDS |
| 133 | Request for provided AC sending | - | Input | Service provider | CDS |
| 134 | Request for annual consumption estimation | - | Input | Service provider | CDS |
| 135 | Request for substitutional (computed) values per PDT with metering type B | - | Input | Service provider | CDS |
| 136 | Request for base data of DGI RCS data | - | Input | Service provider | CDS |
| 143 | Request for sending of negotiated diagrams for managing of imbalance responsibility (for data to 31.12.2009) | - | Input | Service provider | CDS |
| 147 | Request for sending an extract of state of change of supplier processing | - | Input | Service provider | CDS |
| 151 | Request for assigned observers data | - | Input | RMP, BRP | CDS |
| 154 | Request for assigned BRP data | - | Input | RMP, BRP | CDS |
| 163 | Single-shot request for complete trade balance statement data sending | - | Input | SP | CDS |
| 168 | Request for the claim data | - | Input | External subject | CS OTE |
| 172 | Request for the OTE messages (data from the message board) | - | Input | External subject | CS OTE |
| 197 | Request for PDT state | - | Input | External subject | CDS |
| 280 | Request for monthly LDS statement | - | Input | Service provider | CDS |
| 286 | Request for system services settlement report | - | Input | Service provider | CDS |
| 301 | Request for consumption estimation for imbalance settlement in period when the metered meter reading is sent. | - | Input | Service provider | CDS |
| 311 | Request for imbalance data per PDT C (consumption) computed within Clearing | - | Input | Service provider | CDS |
| 314 | Request of ORS for calc. of imbalances and clearing | - | Input | Service provider | CDS |
| 321 | Request for metered values - non-interval | - | Input | Service provider | CDS |
| 331 | Data request - calculation per primary supplier of PDT | - | Input | Service provider | CDS |
| 341 | Data request - aggregated values per supplier/customer | - | Input | Service provider | CDS |
| 351 | Data request - master data of PDT | - | Input | Service provider | CDS |
| 354 | Request for simplified list of PDT | - | Input | Service provider | CDS |
| 357 | Request for the list of delivery points of PDT | - | Input | Service provider | CDS |
| 367 | Request for a list of PDT in the community | - | Input | Service provider | CDS |
| 371 | Request for service restricted list of PDT | - | Input | Service provider | CDS |
| 561 | Request for estimated diagram of PDT(C) group consumption, non-adjusted | - | Input | Service provider | CDS |
| 601 | Request for correction factor history diagram of residual DS balance | - | Input | Service provider | CDS |
| 611 | Request for estimated diagram of PDT(C) group consumption, adjusted | - | Input | Service provider | CDS |
| 621 | Request for DS aggregated data | - | Input | Service provider | CDS |
| 631 | Request for aggregated data within the state of emergency | - | Input | Service provider | CDS |
| 641 | Request for summary values of RMP separated by metering type A, B and C | - | Input | External subject | CDS |
| 651 | Request for summary values of RMP and grid separated by metering type A, B and C | - | Input | External subject | CDS |
| 654 | Request for proportional aggregated ASC2 profile by supplier | - | Input | External subject | CDS |
| 661 | Request for data of normal and metered weather conditions (temperatures) | - | Input | External subject | CDS |
| 664 | Request for LP data | - | Input | External subject | CDS |
| 667 | Request for temperature correction coefficient data | - | Input | External subject | CDS |
| 674 | Request for corr. LP | - | Input | External subject | CDS |
| 681 | Request for a history of B measurements for a maximum of 12 previous months | - | Input | External subject | CDS |
| E51 | EDC request for masterdata | - | Input | External subject | CDS |

Full message scheme CDSREQ in .xsd format can be found here:

[XML\CDSREQ](XML/CDSREQ" \o "CDSREQ.xsd)

##### Exemple of CDSREQ format message

|  |  |
| --- | --- |
| *Description* | *Link* |
| Request for mettered invoicing data sending (131) | [XML\CDSREQ\CDSREQ\_msg\_code\_131.xml](XML/CDSREQ/CDSREQ_msg_code_131.xml) |

## CDSSYSTSERVREPORT

##### Purpose

The XML message in the CDSSYSTSERVREPORT format serves for sending system services settlement report. The format can be used in cases from the following table when communicating with Centre of Data Services CDS:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Refernce message** | **Input / Output** | **Source** | **Target** |
| 283 | System services settlement report | - | Input | RMP | CDS |
| 285 | System services settlement report - copy of data | 283 | Output | CDS | RMP |
| 288 | System services settlement report | 286 | Output | CDS | RMP |

Complete structure of CDSSYSTSERVREPORT format is to be found here:

[XML\CDSSYSTSERVREPORT](XML/CDSSYSTSERVREPORT" \o "CDSREQ.xsd)

## COMMONREQ

##### purpose

XML message in COMMONREQ format is used to request for non-synchronous proceeded data, for CDS connection control and for request for handover unsended messages. The format basis is similar to REQDOC messages according to UN/EDIFACT standard. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 921 | Request for IS OTE data handover | - | Input | Service provider | WAS (EMTAS) |
| 991 | Request for server-server connection control and for delivery of non-sent IS OTE messages | - | Input | Service provider | WAS (EMTAS) |

Full message scheme COMMONREQ in .xsd format can be found here:

[XML\COMMONREQ](XML/COMMONREQ" \o "COMMONREQ.xsd)

##### exemple of COMMONREQ format message

Message structure is identical with exemple of CDSREQ message format.

## COMMONMARKETREQ

##### purpose

XML message in COMMONMARKETREQ format is used to request for non-synchronous proceeded data, for CDS connection control and for request for handover unsended messages within MarketService. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 923 | Request for IS OTE data handover - MarketService | - | Input | Service provider | WAS (EMTAS) |
| 994 | Request for server-server connection control and for delivery of non-sent IS OTE messages - MarketService | - | Input | Service provider | WAS (EMTAS) |

Full message scheme COMMONMARKETREQ in .xsd format can be found here:

[XML\COMMONMARKETREQ](XML/COMMONMARKETREQ" \o "COMMONREQ.xsd)

##### exemple of COMMONMARKETREQ format message

Message structure is identical with exemple of CDSREQ message format.

## ISOTEDATA

##### purpose

XML message in ISOTEDATA format is used to exchange the data related to IS OTE (DM, IDA, SoI) between the market participants and the IS OTE. The format can be used in cases from the following table when communicating through CDS-WAS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 811 | DM - Bid entering/replacement | - | Input | External subject | IS OTE |
| 813 | DM - Copy of bid data (response to 811- entering) | 811 | Output | IS OTE | External subject |
| 814 | IDA - Bid entering/replacement | - | Input | External subject | IS OTE |
| 816 | IDA - Copy of bid data (response to 811- entering) | 814 | Output | IS OTE | External subject |
| 821 | DM - Bid cancellation | - | Input | External subject | IS OTE |
| 823 | DM - Copy of bid data (response to 821- cancelation) | 821 | Output | IS OTE | External subject |
| 824 | IDA - Bid cancellation | - | Input | External subject | IS OTE |
| 826 | IDA - Copy of bid data (response to 824 - cancelation) | 824 | Output | IS OTE | External subject |
| 833 | DM - Copy of bid data (response to 831- actual status) | 831 | Output | IS OTE | External subject |
| 836 | IDA - Copy of bid data (response to 834- actual status) | 834 | Output | IS OTE | External subject |
| 943 | Final plan of negotiated values - copy of data | 941 | Output | WAS (EMTAS) | External subject |
| 946 | DM marginal prices | 944 | Output | WAS (EMTAS) | External subject |
| 949 | IDA marginal prices | 947 | Output | WAS (EMTAS) | External subject |
| 953 | Request for settlement data per hours | 951 | Output | WAS (EMTAS) | External subject |
| 963 | Settlement per day - copy of data | 961 | Output | WAS (EMTAS) | External subject |
| 966 | Request for imbalance settlement statistic data - copy of data | 964 | Output | WAS (EMTAS) | External subject |
| GSF | Gas settlement results - copy of data | GSD | Output | WAS (EMTAS) | External subject |

Tab. 3 – List of profile roles and relevant msg. codes (used: element *ISOTEDATA/Trade/ProfileData* *@profile-role*)

|  |  |  |
| --- | --- | --- |
| *Role in external interface* | *Description* | *Msg\_code* |
| BC01-25 | Trading block identification (block 1 to 25) – volume | 811, 813, 823, 833, 814, 816, 826, 836, 814, 816, 826, 836 |
| BP01-25 | Trading block identification (block 1 až 25) - price | 811, 813, 823, 833 |
| BS01 - 25 | Segment identification of order (segment 1 to 25) - matched volume (MWh) | 833, 836 |
| SC01 | IDA fee – total traded energy | 953, 963 |
| SC02 | Imbalance – positive energy | 953, 963 |
| SC03 | Imbalance – negative energy | 953, 963 |
| SC05 | DM fee – total traded energy | 953, 963 |
| SC06 | Quantity of negative SS imbalance at negative settlement price | 953, 963 |
| SC07 | Quantity of positive SS imbalance at positive/nonzero settlement price | 953, 963 |
| SC08 | Settlement of IM – negative energy (consumption) for negative prices | 953, 963 |
| SC09 | Settlement of IM - positive energy (supply) at positive/zero prices | 953, 963 |
| SC10 | IM fee - total energy traded | 953, 963 |
| SC13 | System imbalance | 966 |
| SC15 | Costs of RE+ - quantity | 966 |
| SC16 | Costs of RE - - quantity | 966 |
| SC19 | DM - negative energy - consumption (spot order) | 943 |
| SC20 | DM - positive energy - supply (spot order) | 943 |
| SC21 | IM - negative energy (consumption) for negative prices | 943 |
| SC22 | IM - positive energy (supply) for positive prices | 943 |
| SC23 | Domestic RD - negative energy (consumption) | 943 |
| SC24 | Domestic RD - positive energy (supply) | 943 |
| SC25 | Foreign RD - negative energy (consumption) | 943 |
| SC26 | Foreign RD - positive energy (supply) | 943 |
| SC27 | LP evaluation - negative energy | 953, 963 |
| SC28 | LP evaluation - positive energy | 953, 963 |
| SC29 | Emergency state – positive energy (supply) | 953, 963 |
| SC30 | Emergency state – negative energy (consumption) | 953, 963 |
| SC31 | IDA - negative energy - consumption (spot order) | 943 |
| SC32 | IDA - positive energy – supply (spot order) | 943 |
| SC33 | Settlement of IM with gas (consumption) – negative energy | GSF |
| SC34 | Settlement of IM with gas (supply) – positive energy | GSF |
| SC35 | IM fee with gas– total energy traded | GSF |
| SC50 | DM- negative energy - consumption (FS order) | 943 |
| SC51 | DM - positive energy - supply (FS order) | 943 |
| SC55 | Rounding of imbalances | 966 |
| SC56 | The amount of negative deviation of the settlement entity at a positive/zero settlement price. | 953, 963 |
| SC57 | The amount of positive deviation of the settlement entity at a negative settlement price | 953, 963 |
| SC58 | Intraday Market Minus - negative energy for negative price value | 953, 963 |
| SC59 | Intraday Market Plus - positive energy for negative price value | 953, 963 |
| SC66 | Settlement of IDA – negative energy (consumption) at a negative price (spot orders) | 953, 963 |
| SC67 | Settlement of IDA – negative energy (consumption) at a positive/zero price (spot orders) | 953, 963 |
| SC68 | Settlement of IDA - positive energy (supply) at positive/zero price (spot orders) | 953, 963 |
| SC69 | Settlement of IDA - positive energy (supply) at a negative price (spot orders) | 953, 963 |
| SC71 | Final plan – IM - negative energy (consumption) for positive prices | 943 |
| SC72 | Final plan – IM - positive energy (supply) for negative prices | 943 |
| SC79 | Emergency state IDA - export | 953, 963 |
| SC80 | Emergency state IDA - import | 953, 963 |
| SF11 | Quantity of BE+ from AnS activation at positive/zero BE+ price | 953, 963 |
| SF12 | Quantity of BE- from AnS activation at a negative BE- price | 953, 963 |
| SF61 | Quantity of BE+ from AnS activation at a negative BE+ price | 953, 963 |
| SF62 | Quantity of BE- from AnS activation at positive/zero BE- price | 953, 963 |
| SG11 | Price for the amount for BE+ from AnS activation at positive/zero BE+ price (receivable) | 953, 963 |
| SG12 | Price for the amount for BE- from AnS activation at a negative BE- price (receivable) | 953, 963 |
| SG61 | Price for the amount for BE+ from AnS activation at a negative BE+ price (payable) | 953, 963 |
| SG62 | Price for the amount for BE- from activation of AnS at positive/zero price of BE - (payable) | 953, 963 |
| SP01 | IDA fee - negative amount for total traded energy (payable) | 953, 963 |
| SP05 | DM fee - negative amount for the total traded energy (payable) | 953, 963 |
| SP06 | Price for the negative imbalance of the SS at a negative settlement price (receivable) | 953, 963 |
| SP07 | Price of positive SS imbalance at positive/nonzero settlement price (receivable) | 953, 963 |
| SP08 | Settlement of IM – amount for negative energy (consumption) for negative prices (receivable) | 953, 963 |
| SP09 | Settlement of IM - amount for positive energy(supply) at positive/zero prices (receivable) | 953, 963 |
| SP10 | IM fee - negative amount for the total energy traded (payable) | 953, 963 |
| SP14 | Costs of RE | 966 |
| SP15 | Costs of RE + - amount | 966 |
| SP16 | Costs of RE- - amount | 966 |
| SP20 | DM/ODA marginal prices | 946, 949 |
| SP21 | IDM – amount for negative energy (consumption) at negative prices(delivery) (receivable) | 943 |
| SP22 | IDM – amount for positive energy(delivery) for positive prices (receivable) | 943 |
| SP27 | LP evaluation - negative amount for negative energy (payable) | 963 |
| SP28 | LP evaluation - positive amount for positive energy (receivable) | 963 |
| SP29 | Emergency state – amount for positive energy (supply) | 963 |
| SP30 | Emergency state – amount for negative energy (consumption) | 963 |
| SP33 | Settlement of IM with gas (consumption) – amount for negative energy (payable) | GSF |
| SP34 | Settlement of IM with gas (supply) – amount for positive energy(receivable) | GSF |
| SP35 | IM fee with gas– negative amount for traded energy (payable) | GSF |
| SP50 | Settlement price | 966 |
| SP51 | Counter-imbalance settlement price | 966 |
| SP56 | Price for negative imbalance of SS at positive/zero settlement price (payable) | 953, 963 |
| SP57 | Price for a positive SS imbalance at a negative settlement price (payable) | 953, 963 |
| SP58 | Settlement of IM – amount for negative energy (consumption) at positive/zero prices (payable) | 953, 963 |
| SP59 | Settlement of IM - amount for positive energy (supply) for negative prices (payable) | 953, 963 |
| SP66 | Settlement of IDA – amount for negative energy (consumption) at a negative price (spot orders) | 953, 963 |
| SP67 | Settlement of IDA – amount for negative energy (consumption) at a positive/zero price (spot orders) | 953, 963 |
| SP68 | Settlement of IDA – amount for positive energy (supply) at positive/zero price (spot orders) | 953, 963 |
| SP69 | Settlement of IDA – amount for positive energy (supply) at a negative price (spot orders) | 953, 963 |
| SP71 | IM - amount for negative energy (consumption) for positive prices (payable) | 943 |
| SP72 | IM – amount for positive energy (supply) for negative prices (payable) | 943 |
| SP79 | Emergency state IDA – amount for export | 953, 963 |
| SP80 | Emergency state IDA – amount for import | 953, 963 |
| ST13 | Monthly SS fee for settlement of imbalances with gas – negative amount (payable) | GSF |
| ST14 | Monthly fee for providing real values with gas - negative amount (payable) | GSF |
| ST15 | Monthly CDS Access Fee - Negative Amount (payable) | 953, 963 |
| ST16 | Monthly fee for settlement of imbalances with electricity - negative amount (payable) | 953, 963 |
| ST17 | Surplus of settlement of imbalances and BE | 953, 963 |
| ST18 | REMIT monthly fee - fixed electricity fee - negative amount (payable) | 953, 963 |
| ST19 | Monthly fee REMIT – fixed fee gas – negative amount (payable) | GSF |
| XC01 | Quantity of positive aggregate SSS imbalance at positive/zero settlement price | 953, 963 |
| XC02 | Quantity of negative aggregate SSS imbalance at negative settlement price | 953, 963 |
| XC03 | Settlement of DM - negative energy - consumption at a positive price (spot orders, OTE portal) | 953, 963 |
| XC04 | Settlement of DM - positive energy - supply at a positive price (spot orders, OTE portal) | 953, 963 |
| XC05 | Settlement of DM - negative energy - supply at a positive price (FS order) | 953, 963 |
| XC06 | Settlement of DM - positive energy - supply at a positive price (FS order) | 953, 963 |
| XC07 | Settlement of DM (cumulative PXE trades) - negative energy - consumption at a positive price (FS order) | 953, 963 |
| XC08 | Settlement of DM (cumulative PXE trades) - positive energy - supply at a positive price (FS order) | 953, 963 |
| XC09 | Settlement of DM (cumulative PXE trades) - negative energy - consumption at a positive price (spot orders) | 953, 963 |
| XC10 | Settlement of DM (cumulative PXE trades) - positive energy - supply at a positive price (spot orders) | 953, 963 |
| XC11 | Settlement of DM - negative energy - consumption at a positive price (spot orders, portal PXE) | 953, 963 |
| XC12 | Settlement of DM - positive energy – supply at a positive price (spot orders, portal PXE) | 953, 963 |
| XC51 | Quantity of positive aggregated SSS imbalance at a negative settlement price | 953, 963 |
| XC52 | Quantity of negative aggregate SSS imbalance at positive/zero settlement price | 953, 963 |
| XC53 | Settlement of DM - negative energy - consumption at a negative price (spot orders, OTE portal) | 953, 963 |
| XC54 | Settlement of DM - positive energy - supply at a negative price (spot orders, OTE portal) | 953, 963 |
| XC55 | Settlement of DM - negative energy - consumption at a negative price (FS order) | 953, 963 |
| XC56 | Settlement of DM - positive energy - supply at a negative price (FS order) | 953, 963 |
| XC57 | Settlement of DM (cumulative PXE trades) - negative energy - consumption at a negative price (FS order) | 953, 963 |
| XC58 | Settlement of DM (cumulative PXE trades) - positive energy - supply at a negative price (FS order) | 953, 963 |
| XC59 | Settlement of DM (cumulative PXE trades) - negative energy - consumption at a negative price (spot orders) | 953, 963 |
| XC60 | Settlement of DM (cumulative PXE trades) - positive energy - supply at a negative price (spot orders) | 953, 963 |
| XC61 | Settlement of DM - negative energy - consumption at a negative price (spot orders, portal PXE) | 953, 963 |
| XC62 | Settlement of DM - positive energy – supply at a negative price (spot orders, portal PXE) | 953, 963 |
| XC63 | Monthly fee REMIT - variable fee for orders gas - number of orders | GSF |
| XC64 | REMIT monthly fee – variable transaction fee gas – number of transactions | GSF |
| XC65 | REMIT monthly fee - variable fee for orders electricity - number of orders | 953, 963 |
| XC66 | REMIT monthly fee - variable transaction fee electricity - number of transactions | 953, 963 |
| XC67 | Emergency state IM export | 953, 963 |
| XC68 | Emergency state IM import | 953, 963 |
| XC69 | Emergency state DM export | 953, 963 |
| XC70 | Emergency state DM import | 953, 963 |
| XC71 | Quantity of BE- provided on TERRE at a negative BE- price | 953, 963 |
| XC72 | Quantity of BE- provided on TERRE at positive/zero price BE- | 953, 963 |
| XC73 | Quantity of BE+ provided on TERRE for a positive/zero BE+ price | 953, 963 |
| XC74 | Quantity of BE+ provided on TERRE at a negative BE+ price | 953, 963 |
| XC75 | LP evaluation (distribution area EG.D) – negative energy | 963 |
| XC76 | LP evaluation (distribution area EG.D) – positive energy | 963 |
| XC77 | LP evaluation (distribution area PRE Distribuce) – negative energy | 963 |
| XC78 | LP evaluation (distribution area PRE Distribuce) – positive energy | 963 |
| XC79 | LP evaluation (distribution area ČEZ Distribuce) – negative energy | 963 |
| XC80 | LP evaluation (distribution area ČEZ Distribuce) – positive energy | 963 |
| XC81 | Quantity of BE+ provided at MARI (planned activation) at a positive/zero BE+ price | 953, 963 |
| XC82 | Quantity of BE+ provided at MARI (planned activation) at a negative BE+ price | 953, 963 |
| XC83 | Quantity BE- provided on PICASSO at a negative price BE- | 953, 963 |
| XC84 | Quantity BE- provided on PICASSO at positive/zero price BE- | 953, 963 |
| XC85 | Quantity of BE+ provided on PICASSO for a positive/zero BE+ price | 953, 963 |
| XC86 | Quantity of BE+ provided on PICASSO at a negative BE+ price | 953, 963 |
| XC88 | Quantity of BE- provided at MARI (direct activation) at a negative price of BE- | 953, 963 |
| XC89 | Quantity of BE- provided at MARI (direct activation) at a positive/zero BE- price | 953, 963 |
| XC90 | Quantity of BE+ provided on MARI (direct activation) at a positive/zero BE+ price | 953, 963 |
| XC91 | Quantity of BE+ provided at MARI (direct activation) at a negative BE+ price | 953, 963 |
| XC92 | Quantity of BE- provided at MARI (planned activation) at a negative price of BE- | 953, 963 |
| XC93 | Quantity of BE- provided at MARI (planned activation) at a positive/zero BE- price | 953, 963 |
| XP01 | Price for the amount of positive aggregate SSS imbalance at positive/zero settlement price (receivable) | 953, 963 |
| XP02 | Price for the amount of negative aggregate SSS imbalance at negative settlement price (receivable) | 953, 963 |
| XP03 | Settlement of DM – amount for negative energy - consumption at a positive price (spot orders, OTE portal) | 953, 963 |
| XP04 | Settlement of DM – amount for positive energy - supply at a positive price (spot orders, OTE portal) | 953, 963 |
| XP05 | Settlement of DM - amount for negative energy - supply at a positive price (FS order) | 953, 963 |
| XP06 | Settlement of DM - amount for positive energy- supply at a positive price (FS order) | 953, 963 |
| XP07 | Settlement of DM (cumulative PXE trades) - amount for negative energy - consumption at a positive price (FS order) | 953, 963 |
| XP08 | Settlement of DM (cumulative PXE trades) - amount for positive energy - supply at a positive price (FS order) | 953, 963 |
| XP09 | Settlement of DM (cumulative PXE trades) - amount for negative energy - consumption at a positive price (spot orders) | 953, 963 |
| XP10 | Settlement of DM (cumulative PXE trades) - amount for positive energy - supply at a positive price (spot orders) | 953, 963 |
| XP11 | Settlement of DM - amount for negative energy - consumption at a positive price (spot orders, portal PXE) | 953, 963 |
| XP12 | Price for the amount of positive aggregate SSS imbalance at positive/zero settlement price (receivable) | 953, 963 |
| XP51 | Price for the amount of positive aggregated SSS imbalance at a negative settlement price (payable) | 953, 963 |
| XP52 | Price for the amount of negative aggregate SSS imbalance at positive/zero settlement price (payable) | 953, 963 |
| XP53 | Settlement of DM – amount for negative energy - consumption at a negative price (spot orders, OTE portal) | 953, 963 |
| XP54 | Settlement of DM – amount for positive energy - supply at a negative price (spot orders, OTE portal) | 953, 963 |
| XP55 | Settlement of DM - amount for negative energy - consumption at a negative price (FS order) | 953, 963 |
| XP56 | Settlement of DM - amount for positive energy- supply at a negative price (FS order) | 953, 963 |
| XP57 | Settlement of DM (cumulative PXE trades) - amount for negative energy - consumption at a negative price (FS order) | 953, 963 |
| XP58 | Settlement of DM (cumulative PXE trades) - amount for negative energy - supply at a negative price (FS order) | 953, 963 |
| XP59 | Settlement of DM (cumulative PXE trades) - amount for negative energy - consumption at a negative price (spot orders) | 953, 963 |
| XP60 | Settlement of DM (cumulative PXE trades) - amount for positive energy - supply at a negative price (spot orders) | 953, 963 |
| XP61 | Settlement of DM - amount for negative energy - consumption at a negative price (spot orders, portal PXE) | 953, 963 |
| XP62 | Settlement of DM - amount for positive energy- supply at a negative price (spot orders, portal PXE) | 953, 963 |
| XP63 | Monthly fee REMIT - variable fee for orders gas - negative amount for the number of orders (payable) | GSF |
| XP64 | Monthly fee REMIT – variable gas transaction fee – negative amount per transaction count (payable) | GSF |
| XP65 | REMIT monthly fee - variable fee for electricity orders – negative amount for the number of orders | 953, 963 |
| XP66 | REMIT monthly fee - variable fee for electricity transactions - negative amount for the number of transactions | 953, 963 |
| XP67 | Emergency state IM – amount for export | 953, 963 |
| XP68 | Emergency state IM – amount for import | 953, 963 |
| XP69 | Emergency state DM – amount for export | 953, 963 |
| XP70 | Emergency state DM – amount for import | 953, 963 |
| XP71 | Amount for BE- provided on TERRE for negative price BE- (receivable) | 953, 963 |
| XP72 | Amount for BE- provided on TERRE for positive/zero price BE- (payable) | 953, 963 |
| XP73 | Amount for BE+ provided on TERRE for positive/zero price BE+ (receivable) | 953, 963 |
| XP74 | Amount for BE+ provided on TERRE at a negative BE+ price (payable) | 953, 963 |
| XP75 | LP evaluation (distribution area EG.D) - negative amount for negative energy (payable) | 963 |
| XP76 | LP evaluation (distribution area EG.D) – positive amount for positive energy (receivable) | 963 |
| XP77 | LP evaluation ( distribution area PRE Distribuce) - negative amount for negative energy (payable) | 963 |
| XP78 | LP evaluation (distribution area PRE Distribuce) – positive amount for positive energy(receivable) | 963 |
| XP79 | LP evaluation (distribution area ČEZ Distribuce) - negative amount for negative energy (payable) | 963 |
| XP80 | LP evaluation (distribution area CEZ Distribuce) - positive amount for positive energy(receivable) | 963 |
| XP81 | Amount for BE+ provided on MARI (planned activation) at positive/zero BE+ price (receivable) | 953, 963 |
| XP82 | Amount for BE+ provided on MARI (scheduled activation) at a negative BE+ price (payable) | 953, 963 |
| XP83 | Amount for BE- provided on PICASSO at negative price BE- (receivable) | 953, 963 |
| XP84 | Amount for BE- provided on PICASSO at positive/zero price BE- (payable) | 953, 963 |
| XP85 | Amount for BE+ provided on PICASSO for positive/zero price BE+ (receivable) | 953, 963 |
| XP86 | Amount for BE+ provided on PICASSO at a negative BE+ price (payable) | 953, 963 |
| XP88 | Amount for BE- provided on MARI (direct activation) at a negative BE- price (receivable) | 953, 963 |
| XP89 | Amount for BE- provided on MARI (direct activation) at positive/zero price BE- (payable) | 953, 963 |
| XP90 | Amount for BE+ provided on MARI (direct activation) at positive/zero BE+ price (receivable) | 953, 963 |
| XP91 | Amount for BE+ provided on MARI (direct activation) at a negative BE+ price (payable) | 953, 963 |
| XP92 | Amount for BE- provisioned on MARI (planned activation) at a negative BE price - (receivable) | 953, 963 |
| XP93 | Amount for BE- provided on MARI (planned activation) for positive/zero BE price - (payable) | 953, 963 |

Full message scheme ISOTEDATA in .xsd format can be found here:

[XML\ISOTEDATA](XML/ISOTEDATA" \o "ISOTEDATA.xsd)

##### EXEMPLES OF ISOTEDATA format message

|  |  |
| --- | --- |
| *Description* | *Link* |
| Bid entering / replacement (811) | [XML\ISOTEDATA\ISOTEDATA\_msg\_code\_811.xml](https://ensemble.ent.cgi.com/client/12402/Client%20Documentation/7-Delivery/_OTE_59390_Programme/000-099_DELIVERABLES/065_EXTERNAL_INTERFACE_SPECIFICATION/D1.4.2_Formaty_zprav_XML_2.0/temp/XML/ISOTEDATA/ISOTEDATA_msg_code_811.xml) |

## ISOTEREQ

##### purpose

XML message in ISOTEREQ format is used to requesrt the data related to IS OTE (DM, IDA, SoI) between the market participants and the IS OTE. The format basis is similar to REQDOC messages according to UN/EDIFACT standard. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 831 | Request for DM bid data providing | - | Input | External subject | IS OTE |
| 834 | Request for IDA bid data providing | - | Input | External subject | IS OTE |
| 901 | Request for market results | - | Input | Service provider | WAS (EMTAS) |
| 941 | Data request - Complete plan of negotiated values | - | Input | Service provider | WAS (EMTAS) |
| 944 | Request for daily market marginal prices | - | Input | Service provider | WAS (EMTAS) |
| 947 | Request for IDA marginal prices | - | Input | Service provider | WAS (EMTAS) |
| 951 | Data request - Hourly settlement | - | Input | Service provider | WAS (EMTAS) |
| 961 | Data request - Daily settlement | - | Input | Service provider | WAS (EMTAS) |
| 964 | Data request - Statistic data of imbalances settlement | - | Input | Service provider | WAS (EMTAS) |
| GSD | Data request – Gas settlement results | - | Input | Service provider | WAS (EMTAS) |

Full message scheme ISOTEREQ in .xsd format can be found here:

[XML\ISOTEREQ](XML/ISOTEREQ" \o "ISOTEREQ.xsd)

##### exemple of ISOTEREQ format message

Message structure is identical with exemple of CDSREQ message format.

## MASTERDATA

##### purpose

XML message in MASTERDATA format is used to exchange information about premises between the market participants and the CDS. The format basis is similar to PRODAT messages according to UN/EDIFACT standard. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

This general message can be used for particular steps in Change of supplier processing. It has several functions. These functions are defined by a function code in the message header.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 111 | PDT code list update | - | Input | TSO/DSO | CDS |
| 112 | Information about planned disconnection of PDT | - | Input | TSO/DSO | CDS |
| 114 | Copy of message of planned disconnection of PDT | 112 | Input | TSO/DSO | CDS |
| 115 | Information about PDT disconnection | - | Input | TSO/DSO | CDS |
| 117 | Copy of message of PDT disconnection | 115 | Input | TSO/DSO | CDS |
| 120 | PDT disconnection data | 118 | Input | TSO/DSO | CDS |
| 138 | Request for suspension of the change of supplier process | - | Input | RMP | CDS |
| 141 | Request for Change of supplier | - | Input | RMP trader - supplier | CDS |
| 146 | Approving/rejection of change of supplier and extra meter reading | - | Input | TSO/DSO/RMP | CDS |
| 148 | Copy of a message with a request for suspension of the change of supplier process | 138 | Output | CDS | RMP |
| 150 | Potvrzení souhlasu zákazníka se změnou dodavatele | - | Input | RMP | CDS |
| 153 | Assigned observers data | 151 | Output | CDS | RMP, BRP |
| 156 | Assigned subjects of settlement data | 154 | Output | CDS | RMP, BRP |
| 158 | Confirmation of customer’s consent with change of supplier | 150 | Output | CDS | RMP |
| 178 | Results of evaluation of request for change of supplier | - | Output | CDS | RMP |
| 179 | Copy of the change of supplier progress information | . | Output | CDS | RMP |
| 180 | Confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | - | Input | RMP | CDS |
| 182 | Confirmation of acceptance/rejection of a message with confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | 180 | Output | CDS | RMP |
| 183 | Copy of confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | - | Input | RMP | CDS |
| 185 | Request for extension / reduction of supply by current supplier | 183 | Output | CDS | RMP |
| 186 | Confirmation of / Error in request for extension / reduction of supply by current supplier | - | Input | RMP | CDS |
| 188 | Copy of the request for extension / reduction of supply by current supplier | 186 | Output | CDS | RMP |
| 189 | Approbation with imb. resp. transfer within supply extension / reduction | - | Input | RMP | CDS |
| 191 | Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction | 189 | Output | CDS | RMP |
| 192 | Request for supplier/subject of settlement mass change | - | Output | CDS | RMP |
| 193 | Supplier/subject of settlement mass change | - | Output | CDS | RMP |
| 194 | Ex post PDT registration | - | Input | DSO | CDS |
| 196 | Response to ex post PDT registration | 194 | Output | CDS | DSO |
| 199 | Ex post PDT registration – copy | 197 | Output | CDS | DSO |
| 212 | Confirmation of PDT code list update | 111 | Output | CDS | Service provider |
| 245 | Message of Supplier of last resort activation on position of primary supplier (SLR active) | - | Output | CDS | PPS/ PDS |
| 246 | Proposal of change of supplier - for approving | - | Output | CDS | Service providers |
| 248 | Change of supplier message | - | Output | CDS | Service providers |
| 249 | Notification to primary supplier about future contract of delivery | 147 | Output | CDS | Service provider |
| 250 | Extract of the state of change of supplier | 147 | Output | CDS | Service provider |
| 254 | Request for assigning a subject of settlement to OPM | - | Input | RMP, BRP | CDS |
| 256 | Information about subject of settlement´s assignement to PDT | 254 | Output | CDS | RMP, BRP |
| 257 | Request for assigning an observer to PDT | - | Input | RMP, BRP | CDS |
| 259 | Information about observer´s assignement to PDT | 259 | Output | CDS | RMP, BRP |
| 274 | Approval/rejection of request for change of subject of settlement by the subject of settlement | - | Input | RMP | CDS |
| 276 | Copy of approval/rejection of request for change of subject of settlement by the subject of settlement | 274 | Output | CDS | RMP |
| 353 | PDT Master data - copy of data | 351 | Output | CDS | Service provider |
| 356 | Simplified list of PDT | 354 | Output | CDS | Service provider |
| 359 | List of handover points PDT | 357 | Output | CDS | Service provider |
| 369 | List of PDTs in the community | 367 | Output | CDS | Service provider |
| 373 | Service restricted list of PDT | 371 | Output | CDS | Service provider |
| 450 | Request for registration of imbalance responsibility transfer | - | Input | TSO / DSO, BRP | CDS (Prodis) |
| 452 | Information about registration of imbalance responsibility transfer | 450 | Output | CDS (Prodis) | TSO / DSO, BRP |
| 453 | Approbation / Refusal of imbalance responsibility transfer | 450 | Output | CDS (Prodis) | TSO / DSO, BRP |
| 457 | Information about imbalance responsibility transfer (on request 455) | 455 | Output | CDS (Prodis) | TSO / DSO, BRP |
| E01 | service provider information | - | Output | CDS | Service provider |
| E12 | information about masterdata |  | Output | CDS | Service provider |
| E11 | registration of EAN to sharing group | - | Input | Service provider | CDS |
| E53 | EAN masterdata information | E51 | Output | CDS | Service provider |
| 383 | PDT Master data - Sharing group |  | Output | CDS | Service provider |

Full message scheme MASTERDATA in .xsd format can be found here:

[XML\MASTERDATA](XML/MASTERDATA" \o "MASTERDATA.xsd)

##### Exemple of MASTERDATA format message

|  |  |
| --- | --- |
| *Description* | *Link* |
| Confirmation of change of supplier (146) | [XML\MASTERDATA\MASTERDATA\_msg\_code\_146.xml](XML/MASTERDATA/MASTERDATA_msg_code_146.xml) |
| ŽRequest for registration of imbalance responsibility transfer (450) | <XML/MASTERDATA/MASTERDATA_msg_code_450_zadost.xml> |
| Information about registration of imbalance responsibility transfer (452) - copy to the proposed BRP | [XML\MASTERDATA\MASTERDATA\_msg\_code\_452\_opis\_zadosti\_na\_noveho.xml](XML/MASTERDATA/MASTERDATA_msg_code_452_opis_zadosti_na_noveho.xml) |
| Approbation / Refusal of imbalance responsibility transfer (453) | [XML\MASTERDATA\MASTERDATA\_msg\_code\_453\_vyjadreni\_noveho.xml](XML/MASTERDATA/MASTERDATA_msg_code_453_vyjadreni_noveho.xml) |

## RESPONSE

##### purpose

XML message in RESPONSE format is used to confirm the data exchange between the market participants and the CDS. The format basis is similar to messages CONTRL and APERAK according to UN/EDIFACT standard. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 050 | Syntax error in incoming message - error on communication channel level (from CDS to message sender) | - | Output | CDS | Service providers |
| 051 | Syntax error in incoming message - error on communication channel level (from message receiver to CDS)l | - | Input | Service providers | CDS |
| 100 | Syntax error - invalid message format (from CDS to message sender) | - | Output | CDS | External subject |
| 101 | Syntax error - invalid message format (from message receiver to CDS) | - | Input | External subject | CDS |
| 113 | Receiving/error in message of planned disconnection of PDT | 112 | Output | CDS | Service providers |
| 116 | Receiving/error in message of PDT disconnection | 115 | Output | CDS | Service providers |
| 119 | Receiving/error in request for data of PDT disconnection | 118 | Output | CDS | Service providers |
| 128 | Receiving/error in message of electronic invoice | 127 | Output | CDS | External subject |
| 130 | Receiving / error in request for electronic invoice | 129 | Output | CDS | External subject |
| 144 | Confirmation of acceptance/rejection of a message with a request for suspension of the change of supplier process | 138 | Output | CDS | RMP |
| 145 | Error in change of supplier proposal | 141 | Output | DSO/TSO | CDS |
| 152 | Error in / confirmation of assigned observers request receiving | 151 | Output | CDS | RMP, BRP |
| 155 | Error in / confirmation of assigned BRP request receiving | 154 | Output | RMP, BRP | CDS |
| 157 | Confirmation of acceptance/rejection of a message with confirmation of customer’s consent with change of supplier | 150 | Output | CDS | RMP |
| 166 | Confirmation / error in the claim message | 165 | Output | CS OTE | External subject |
| 169 | Confimation / error in the request for the claim data | 168 | Output | CS OTE | External subject |
| 173 | Confirmation / error in the request for the OTE messages | 172 | Output | CS OTE | External subject |
| 175 | Notification about expiration of periodic request validity | - | Output | CDS | RMP |
| 181 | Confirmation of acceptance/rejection of a message with confirmation/rejection of assignment of responsibility for imbalance for the point of delivery | 180 | Output | CDS | RMP |
| 184 | Confirmation of / Error in request for extension / reduction of supply by current supplier | 183 | Output | CDS | RMP |
| 187 | Confirmation of / Error in approbation with imb. resp. transfer within supply extension / reduction | 186 | Output | CDS | RMP |
| 190 | Confirmation of acceptance/rejection of a message about possible reservation of distribution or transport capacity within supply extension / reduction | 189 | Output | CDS | RMP |
| 195 | Response to ex post PDT registration | 194 | Output | CDS | DSO |
| 198 | Ex post PDT registration – copy | 197 | Output | CDS | DSO |
| 210 | Error in request for historical maximum monthly consumption (MSMAX) | 110 | Output | CS OTE | External subject |
| 215 | Confirmation of / Error in PDT code list update | 111 | Output | CDS | TSO/DSO |
| 222 | Confirmation of / Error in interval metered data receiving | 121 | Output | CDS | TSO/DSO |
| 224 | Confirmation of / Error in non-interval metered data receiving | 122 | Output | CDS | TSO/DSO |
| 226 | Confirmation of / Error in distribution invoicing data receiving | 123 | Output | CDS | TSO/DSO |
| 228 | Confirmation of / Error in TSO data receiving | 124 | Output | CDS | PPS |
| 229 | Confirmation of / Error in base data of DGI RCS data receiving | 126 | Output | CDS | TSO |
| 231 | Error in request sending | 131 | Output | CDS | Service provider |
| 233 | DGI ICS data request - Receiving / rejection of request | 132 | Output | CDS | Service provider |
| 235 | Error message to request for data of provided regulation energy | 133 | Output | CDS | Service provider |
| 237 | Error msg. for request 134 (annual consumption estimation) | 134 | Output | CDS | External subject |
| 239 | DGI RCS data request - Receiving / rejection of request | 136 | Output | CDS | TSO/DSO |
| 241 | Confirmation of / Error in request for change of supplier sending | 141 | Output | CDS | Service provider |
| 243 | Negotiated diagram sending error (for data to 31.12.2009) | 142 | Output | CDS | Supplier |
| 244 | Confirmation of sent negotiated diagram receiving (for data to 31.12.2009) | 142 | Output | CDS | Supplier |
| 247 | Confirmation of / Error in change of supplier proposal | 246 | Output | CDS | DSO/TSO |
| 251 | Error in request for negotiated data (for data to 31.12.2009) | 143 | Output | CDS | Supplier |
| 253 | Error in request for listing of change of supplier logbook | 147 | Output | CDS | Service provider |
| 255 | Error in / Confirmation of request receiving to assign subject of settlement to PDT | 254 | Output | CDS | RMP, BRP |
| 258 | Error in / Confirmation of request receiving to assign an observer to PDT | 257 | Output | CDS | RMP, BRP |
| 261 | Error / Confirmation of receiving planned consumption values (B) | 160 | Output | CDS | RMP, BRP |
| 262 | Error / Confirmation of receiving planned production values (A,B) | 161 | Output | CDS | RMP, BRP |
| 263 | Confirmation of receiving / Error in sending of negotiated CTBS values | 162 | Output | CDS | Balance responsible party |
| 265 | Error in request for CTBS values sending | 163 | Output | CDS | TSO/DSO /BRP |
| 271 | Confirmation/rejection of message for sending of request for substitutional (computed) values of PDT with type B metering | 135 | Output | CDS | External subject |
| 275 | Sending of confirmation of acceptance/rejection of a message with request for change of subject of settlement by the subject of settlement | 274 | Output | CDS | RMP |
| 278 | Confirmation of/Error in monthly LDS statement | 277 | Output | CDS | External subject |
| 281 | Confirmation of/Error in request for monthly LDS statement | 280 | Output | CDS | External subject |
| 284 | System services settlement report - confirmation / error | 283 | Output | CDS | External subject |
| 287 | Request for system services settlement report - confirmation / error | 286 | Output | CDS | External subject |
| 302 | Confirmation/error message for sending of Request for consumption estimation for settlement | 301 | Output | CDS | External subject |
| 312 | Confirmation/error message for sending of Request for imbalance data per PDT C (consumption) computed within Clearing | 311 | Output | CDS | External subject |
| 315 | Err. mess. to the req. of ORS for calc. of imbal. and clea | 314 | Output | CDS | External subject |
| 322 | Confirmation/error message for sending of Request for metered values - non-interval | 321 | Output | CDS | External subject |
| 332 | Confirmation/error message for sending of Data request - calculation per primary supplier of PDT | 331 | Output | CDS | External subject |
| 342 | Confirmation/error message for sending of Data request - aggregated values per supplier | 341 | Output | CDS | External subject |
| 352 | Confirmation/error message for sending of Data request - master data of PDT | 351 | Output | CDS | External subject |
| 355 | Error message for sending simplified list of PDT | 354 | Output | CDS | Service provider |
| 358 | Confirmation / error in the request for list of handover points PDT | 357 | Output | CDS | External subject |
| 362 | Information about LDS meter reading incompleteness within the monthly and final monthly settlement – per individual PDT | - | Output | CDS | External subject |
| 368 | Confirmation/error in the request to enumerate PDTs in the community | 367 | Output | CDS | External subject |
| 372 | Error message for sending service restricted list of PDT | 371 | Output | CDS | Service provider |
| 402 | Invoicing base data - error/confirmation | 400 | Output | CDS | External subject |
| 405 | OTE invoicing base data - error/confirmation | 403 | Output | CDS | External subject |
| 408 | Payments and refunds overview - error/confirmation | 406 | Output | CDS | External subject |
| 411 | OTE payments and refunds overview - error/confirmation | 409 | Output | CDS | External subject |
| 414 | Payments and refunds overview - error/confirmation | 412 | Output | CDS | External subject |
| 417 | OTE LP differences settlement - error/confirmation | 415 | Output | CDS | External subject |
| 420 | Confirmation / error in the request for the settlement report EMO-OTE | 418 | Output | CS OTE | PXE |
| 423 | Confirmation / erroro in the request for the settlement report OTE-EMO | 421 | Output | CS OTE | PXE |
| 424 | Notification on reaching of the financial security limit | - | Output | CS OTE | External subject |
| 427 | Confirmation / error in request for OTE settlement exchange rate | 425 | Output | CS OTE | External subject |
| 430 | Confirmation / error in the request for list of figured receivables and liabilities | 428 | Output | CS OTE | External subject |
| 433 | Confirmation / error in the request for report of daily payments confirmation | 431 | Output | CS OTE | External subject |
| 436 | Invoicing base data - summary - confirmation / error | 434 | Output | CS OTE | External subject |
| 439 | OTE invoicing base data - summary - confirmation / error | 437 | Output | CS OTE | External subject |
| 442 | Claim overview - summary - confirmation / error | 440 | Output | CS OTE | External subject |
| 445 | OTE Claim overview - summary - confirmation / error | 443 | Output | CS OTE | External subject |
| 451 | Confirmation of / Error in request for registration of imbalance responsibility transfer receiving | 450 | Output | CDS (Prodis) | TSO / DSO, BRP |
| 454 | Confirmation of / Error in approbation / refusal of imbalance responsibility transfer receivnig | 453 | Input | TSO / DSO, BRP | CDS (Prodis) |
| 456 | Confirmation of / Error in request for imbalance responsibility transfer receiving | 455 | Output | CDS (Prodis) | TSO / DSO, BRP |
| 462 | LP netting - error/confirmation | 460 | Output | CS OTE | External subject |
| 465 | Financial status limit - error/confirmation | 463 | Output | CS OTE | External subject |
| 468 | LP netting - final settlement - error/confirmation | 466 | Output | CS OTE | External subject |
| 471 | Final Settlement of Clearing Differences - error/confirmation | 469 | Output | CS OTE | External subject |
| 474 | Final Settlement of Clearing Differences OTE - error/confirmation | 472 | Output | CS OTE | External subject |
| 477 | Billing report ČEPS - PSK - error/confirmation | 475 | Output | CS OTE | External subject |
| 480 | Claim report ČEPS – PSK - error/confirmation | 478 | Output | CS OTE | External subject |
| 483 | Error / confirmation set the limit at VDT / VT | 481 | Output | IS OTE | External subject |
| 485 | Error / confirmation by sending an automatic limit change VDT / VT | 484 | Output | IS OTE | External subject |
| 486 | Notification of expiration of the bank guarantee / rating for financial security | - | Output | CS OTE | External subject |
| 489 | EMERGENCY STATE CZ - ERROR, CONFIRMATION | 488 | Output | IS OTE | External subject |
| 492 | EMERGENCY STATE - DAY-AHEAD MARKET - ERROR, CONFIRMATION | 491 | Output | IS OTE | External subject |
| 495 | EMERGENCY STATE INTRADAY MARKET - ERROR, CONFIRMATION | 494 | Output | IS OTE | External subject |
| 498 | STATE OF EMERGENCY VERSION 1 - NETTING - ERROR, CONFIRMATION | 497 | Output | IS OTE | External subject |
| 501 | STATE OF EMERGENCY VERSION 2 - NETTING - ERROR, CONFIRMATION | 500 | Output | IS OTE | External subject |
| 504 | STATE OF EMERGENCY – PAID PAYMENTS OTE - ERROR, CONFIRMATION | 503 | Output | IS OTE | External subject |
| 507 | export/import settlement IDA - Confirmation/error | 505 | Output | IS OTE | External subject |
| 512 | Error in / Confirmation of normal and metered average daily temperatures data receival | 511 | Output | CDS | CHMI |
| 522 | Error in / Confirmation of of normal load profiles of supplies receiving | 521 | Output | CDS | LP Administarator |
| 532 | Error in / Confirmation of predicted temperatures data receival | 531 | Output | CDS | CHMI |
| 562 | Error message for request for estimated diagram of PDT(C) group consumption, non-adjusted (561) | 561 | Output | CDS | External subject |
| 602 | Error message for request for correction factor history diagram of residual DS balance (601) | 601 | Output | CDS | External subject |
| 612 | Error message for request for estimated diagram of PDT(C) group consumption, adjusted to weather and residual balance (611) | 611 | Output | CDS | External subject |
| 622 | Confirmation/error message for request for DS aggregated data (621) | 621 | Output | CDS | External subject |
| 632 | Confirmation/error message for sending of Request for aggregated data within the state of emergency | 631 | Output | CDS | External subject |
| 642 | Confirmation/error message for sending of Request for summary values of RMP separated by metering type A, B and C | 641 | Output | CDS | External subject |
| 652 | Confirmation/error message for sending of Request for summary values of grid separated by metering type A, B and C | 651 | Output | CDS | External subject |
| 655 | Error in request for proportional ASC2 prof by supplier | 654 | Output | CDS | External subject |
| 662 | Confirmation/error message for sending of Request for data of normal and metered weather conditions (temperatures) | 661 | Output | CDS | External subject |
| 665 | Confirmation/error message of Request for LP data | 664 | Output | CDS | External subject |
| 668 | Confirmation/error message of Request for temperature correction coefficient data | 667 | Output | CDS | External subject |
| 672 | Confirmation/error message of Request for predicted | 671 | Output | CDS | External subject |
| 675 | Error, conf. of req. for corr. LP | 674 | Output | CDS | External subject |
| 682 | Error in the request for B measurement history for a maximum of 12 previous months | 681 | Output | CDS | External subject |
| 804 | Postponement of closing date for the opening of receipt of IDA orders | - | Output | IS OTE | External subject |
| 805 | Postponement of deadline for the end of receiving IDA orders | - | Output | IS OTE | External subject |
| 806 | Delay in publication of IDA results | - | Output | IS OTE | External subject |
| 807 | Deletion of auction | - | Output | IS OTE | External subject |
| 808 | Capacity data for IDA | - | Output | IS OTE | External subject |
| 809 | Modification of capacity data for IDA | - | Output | IS OTE | External subject |
| 810 | Notice of change/postponement of deadline | - | Output | IS OTE | External subject |
| 812 | Confirmation/error message for enter/replacement of DM bid | 811 | Output | IS OTE | External subject |
| 815 | Confirmation/error message for enter/replacement of DM bid | 814 | Output | IS OTE | External subject |
| 822 | Confirmation/error message for cancellation of DM bid | 821 | Output | IS OTE | External subject |
| 825 | Confirmation/error message for cancellation of IDA bid | 824 | Output | IS OTE | External subject |
| 832 | Confirmation/error message for sending of request for DM bid state definition | 831 | Output | IS OTE | External subject |
| 835 | Confirmation/error message for sending of request for IDA bid state definition | 834 | Output | IS OTE | External subject |
| 904 | Delay in publication of capacity data | - | Output | IS OTE | External subject |
| 905 | Postponement of the deadline for receiving DM orders | - | Output | IS OTE | External subject |
| 906 | (ExC\_02) Delay in publication of DM results | - | Output | IS OTE | External subject |
| 907 | (ExC\_03b) Delay of DM results, possibility of decoupling | - | Output | IS OTE | External subject |
| 908 | (ExC\_04b) Full decoupling of markets - decoupling / (ExC\_05b) Full decoupling of markets - early decoupling | - | Output | IS OTE | External subject |
| 910 | Network data publication delay, decoupling possibility | - | Output | IS OTE | External subject |
| 922 | Confirmation/error message for sending of request for output data handover | 921 | Output | IS OTE | External subject |
| 924 | Confirmation/error message for sending of request for output data handover - MarketService | 923 | Output | IS OTE | External subject |
| 942 | Confirmation/error message for sending of Data request - Complete plan of negotiated values | 941 | Output | IS OTE | External subject |
| 945 | Confirmation / error in request for DM marginal prices | 944 | Output | IS OTE | External subject |
| 948 | Confirmation / error in request for IDA marginal prices | 944 | Output | IS OTE | External subject |
| 952 | Confirmation/error message for sending of Data request - Hourly settlement | 951 | Output | IS OTE | External subject |
| 955 | (UMM\_01a) Delay in final Market Coupling Results publication | - | Output | IS OTE | External subject |
| 956 | (UMM\_02) Risk of Partial Decoulpilng for one or more interconnectors | - | Output | IS OTE | External subject |
| 957 | (UMM\_03) One or more interconnectors decoupled | - | Output | IS OTE | External subject |
| 958 | Full decoupling known in adcance - detail info | - | Output | IS OTE | External subject |
| 959 | Decoupling CZ area - detail info | - | Output | IS OTE | External subject |
| 960 | Full decoupling - detail info | - | Output | IS OTE | External subject |
| 962 | Confirmation/error message for sending of Data request - Daily settlement | 961 | Output | IS OTE | External subject |
| 965 | Request for imbalance settlement statistic data - error / confirmation | 964 | Output | IS OTE | External subject |
| 974 | (ExC\_03a) Risk of Partial Decoupling | - | Output | IS OTE | External subject |
| 975 | (ExC\_04a) Partial Decoupling – Reopening of the order books | - | Output | IS OTE | External subject |
| 976 | (ExC\_05a) Partial Decoupling known in advance | - | Output | IS OTE | External subject |
| 977 | (ExC\_06) Delay in Market Coupling Results publication due to curtailment at max price detected in Lithuania, Finland or Sweden | - | Output | IS OTE | External subject |
| 981 | Notification, gate open/closure time has been changed. | - | Output | IS OTE | External subject |
| 982 | Settlement accomplishment notification | - | Output | IS OTE | External subject |
| 989 | Publication of capacity data / Modification of capacity data | - | Output | IS OTE | External subject |
| 990 | Notification about opening of the 2nd auction to the market participants | - | Output | IS OTE | External subject |
| 992 | Accomplishment notification of aggregation of bilateral contracts | - | Output | IS OTE | External subject |
| 995 | Confirmation of server-server connection control and sending of non-sent messages | 991 | Output | IS OTE | External subject |
| 996 | Confirmation of server-server connection control and sending of non-sent messages - MarketService | 994 | Output | IS OTE | External subject |
| 997 | Notice about publication of DM results | - | Output | IS OTE | External subject |
| E52 | Confirmation/error message | - | Output | IS OTE | External subject |
| E15 | Confirmation/error message | - | Output | IS OTE | External subject |
| GSE | Confirmation/error message for sending of Data request – Gas settlement results | GSD | Output | IS OTE | External subject |

Full message scheme RESPONSE in .xsd format can be found here:

[XML\RESPONSE](XML/RESPONSE" \o "RESPONSE.xsd)

##### exemple of RESPONSE format message

|  |  |
| --- | --- |
| *Description* | *Link* |
| Error in PDT code list update (215) | [XML\RESPONSE\RESPONSE\_msg\_code\_215.xml](XML/RESPONSE/RESPONSE_msg_code_215.xml) |

## LP (Load Profiles)

##### Purpose

XML message in TDD format is used to sending the normal LP from LP administrator to the CDS. The format basis is similar to messages CDSDATA, which were specified earlier in this document. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 521 | Message for sending of normal load profiles of supplies | - | Input | LP Provider | CDS |

Full message scheme TDD in .xsd format can be found here:

[XML\TDD](XML/TDD" \o "TDD.xsd)

##### Exemple of TDD format message

|  |  |
| --- | --- |
| *Description* | *Link* |
| Message for sending of normal load profiles of supplies (521) | [XML\TDD\TDD\_msg\_code\_521.xml](XML/TDD/TDD_msg_code_521.xml) |

## TEMPERATURE

##### Purpose

XML message in TEMPERATURE format is used to sending the average day temperatures and normal average day temperatures from CHMI to the CDS. The format basis is similar to messages CDSDATA, which were specified earlier in this document. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 511 | Message for sending of normal and metered average daily temperatures | - | Input | CHMI | CDS |
| 531 | Message for sending predicted temperatures | - | Input | CHMI | CDS |

Full message scheme TEMPERATURE in .xsd format can be found here:

[XML\TEMPERATURE](XML/TEMPERATURE" \o "TEMPERATURE.xsd)

##### Příklad zprávy formátu TEMPERATURE

|  |  |
| --- | --- |
| *Description* | *Link* |
| Message for sending of normal and metered average daily temperatures (511) | [XML\TEMPERATURE\TEMPERATURE\_msg\_code\_511.xml](XML/TEMPERATURE/TEMPERATURE_msg_code_511.xml) |

## SFVOTBILLING

##### purpose

XML message in SFVOTBILLING format is used to sending the financial reports from SFVOT modules – part Invoicing base data.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 401 | Invoicing base data | 400 | Output | CDS | External subject |
| 404 | OTE Invoicing base data | 403 | Output | CDS | External subject |

Complete schema of SFVOTBILLING in .xsd format is to be found here:

[XML\SFVOTBILLING](XML/SFVOTBILLING" \o "MASTERDATA.xsd)

## SFVOTBILLINGEMO

##### PURPOSE

The message in SFVOTBILLINGEMO format serves for sending of settlement reports between OTE and the external market organizer (e.g. PXE).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 419 | Settlement report EMO-OTE | 418 | Output | CS OTE | External subject |
| 422 | Settlement report OTE-EMO | 421 | Output | CS OTE | EOT |

Complete schema of SFVOTBILLINGEMO in .xsd format is to be found here:

[XML\SFVOTBILLINGEMO](XML/SFVOTBILLINGEMO" \o "MASTERDATA.xsd)

## SFVOTBILLINGSUM

##### Purpose

XML message in SFVOTBILLINGSUM format is used to sending the financial reports from SFVOT modules – part Invoicing base data with summary data for requested period.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 435 | Invoicing base data - summary | 434 | Output | CDS | External subject |
| 438 | OTE invoicing base data - summary | 437 | Output | CDS | External subject |

Complete schema of SFVOTBILLINGSUM in .xsd format is to be found here:

[XML\SFVOTBILLINGSUM](XML/SFVOTBILLINGSUM" \o "MASTERDATA.xsd)

## SFVOTCLAIM

##### purpose

XML message in SFVOTCLAIM format is used to sending the financial reports from SFVOT modules – part Overview of payments and complaints.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 407 | Overview of payments and complaints | 406 | Output | CDS | External subject |
| 410 | OTE Overview of payments and complaints | 409 | Output | CDS | External subject |

Complete schema of SFVOTCLAIM in .xsd format is to be found here:

[XML\SFVOTCLAIM](XML/SFVOTCLAIM" \o "MASTERDATA.xsd)

## SFVOTCLAIMSUM

##### Účel

XML message in SFVOTCLAIMSUM format is used to sending the financial reports from SFVOT modules – part Overview of payments and complaints – summary data for requested period.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 441 | Claim overview - summary | 440 | Output | CDS | External subject |
| 444 | OTE Claim overview - summary | 443 | Output | CDS | External subject |

Complete schema of SFVOTCLAIMSUM in .xsd format is to be found here:

[XML\SFVOTCLAIMSUM](XML/SFVOTCLAIMSUM" \o "MASTERDATA.xsd)

## SFVOTTDD

##### purpose

XML message in SFVOTTDD format is used to sending the financial reports from SFVOT modules – part LP Differences settlement.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 413 | LP differences settlement | 412 | Output | CDS | External subject |
| 416 | OTE LP differences settlement | 415 | Output | CDS | External subject |
| 470 | Final Settlement of Clearing Differences | 469 | Output | CDS | External subject |
| 473 | Final Settlement of Clearing Differences - OTE | 472 | Output | CDS | External subject |

Complete schema of SFVOTTDD in .xsd format is to be found here:

[XML\SFVOTTDD](XML/SFVOTTDD)

## SFVOTDTEXPIMP

##### Purpose

XML message in SFVOTDTEXPIMP format is used to sending the financial reports from SFVOT modules – part Figured receivables and liabilities (day-ahead advances in the form of debet, credit and netting payments).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 429 | Report of figured receivables and liabilities | 428 | Output | CDS | External subject |

Complete schema of SFVOTDTEXPIMP in .xsd format is to be found here:

[XML\SFVOTDTEXPIMP](XML/SFVOTDTEXPIMP" \o "MASTERDATA.xsd)

## SFVOTCONFDATA

##### Purpose

XML message in SFVOTCONFDATA format is used to sending the financial reports from SFVOT modules – part Confirmation of OTE day-ahead payments (settled or due to).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 432 | Report of daily payments confirmation | 431 | Output | CDS | External subject |

Complete schema of SFVOTCONFDATA in .xsd format is to be found here:

[XML\SFVOTCONFDATA](XML/SFVOTCONFDATA" \o "MASTERDATA.xsd)

## SFVOTEXCHRATE

##### Purpose

XML message in SFVOTEXCHRATE format is used to sending OTE exchange settlement rate.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 426 | OTE exchange settlement rate | 425 | Output | CDS | External subject |

Complete schema of SFVOTEXCHRATE in .xsd format is to be found here:

[XML\SFVOTEXCHRATE](XML/SFVOTEXCHRATE" \o "MASTERDATA.xsd)

## SFVOTLIMITCHANGE

##### Purpose

XML message format SFVOTLIMITCHANGE is used for sending information by automatic reduction of the limit VDT/ VT.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 484 | Automatic change limit VDT/VT |  | Output | IS OTE | External subject |

The complex SFVOTLIMITCHANGE file in the .xsd format is saved here:

<XML/SFVOTLIMITCHANGE>

## SFVOTLIMITS

##### Purpose

XML message in SFVOTLIMITS format serves for sendig data of aggregate financial limit staus of BRP.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 464 | Financial limit status | 463 | Output | IS OTE | External subject |
| 482 | Current value of limit VDT/VT |  | Output | IS OTE | External subject |

The complex SFVOTLIMITS file in the .xsd format is saved here:

[XML\SFVOTLIMITS](XML/SFVOTLIMITS)

## SFVOTTDDNETT

##### purpose

XML message in SFVOTTDDNETT format is used to sending the financial reports from SFVOT modules – part Netting.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 460 | LP netting - request | - | Output | CDS | External subject |
| 467 | LP netting - final settlement | 466 | Output | CDS | External subject |

Complete schema of SFVOTTDDNETT in .xsd format is to be found here:

[XML\SFVOTTDDNETT](XML/SFVOTTDDNETT" \o "MASTERDATA.xsd)

## SFVOTPSK

##### purpose

XML message in SFVOTPSK format is used to sending the financial reports from SFVOT modules – invoicing data for aggregated RE and overview of payments and claim.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 476 | Billing report ČEPS - PSK | 475 | Output | CDS | External subject |
| 479 | Claim report ČEPS – PSK | 478 | Output | CDS | External subject |

Complete schema of SFVOTPSK in .xsd format is to be found here:

[XML\SFVOTPSK](XML/SFVOTPSK" \o "MASTERDATA.xsd)

## SFVOTREQ

##### purpose

XML message in SFVOTREQ format is used to request for financial report from SFVOT modules. The format basis is similar to REQDOC messages according to UN/EDIFACT standard. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 400 | Invoicing base data | - | Input | External subject | CDS |
| 403 | OTE Invoicing base data | - | Input | External subject | CDS |
| 406 | Payments and refunds overview | - | Input | External subject | CDS |
| 409 | OTE Payments and refunds overview | - | Input | External subject | CDS |
| 418 | Request for the settlement report EMO-OTE | - | Input | PXE | CS OTE |
| 421 | Request for the settlement report OTE-EMO | - | Input | PXE | CS OTE |
| 425 | Request for OTE settlement rate | - | Input | External subject | CS OTE |
| 428 | Request for report of figured receivables and liabilities | - | Input | External subject | CS OTE |
| 431 | Request for report of daily payments confirmation | - | Input | External subject | CS OTE |
| 434 | Invoicing base data - summary - request | - | Input | External subject | CS OTE |
| 437 | OTE invoicing base data - summary - request | - | Input | External subject | CS OTE |
| 440 | Claim overview - summary - request | - | Input | External subject | CS OTE |
| 443 | OTE Claim overview - summary - request | - | Input | External subject | CS OTE |
| 460 | LP netting - request | - | Input | External subject | CS OTE |
| 463 | Financial limit status - request | - | Input | External subject | IS OTE |
| 466 | LP netting - request | - | Input | External subject | IS OTE |
| 469 | Final Settlement of Clearing Differences - request. It replaces code 412. | - | Input | External subject | IS OTE |
| 472 | Final Settlement of Clearing Differences - request. It replaces code 415. | - | Input | External subject | IS OTE |
| 475 | Billing report ČEPS - PSK - request | - | Input | External subject | IS OTE |
| 478 | Claim report ČEPS - PSK - request | - | Input | External subject | IS OTE |
| 487 | REQUEST FOR EMERGENCY STATE CZ | - | Input | External subject | IS OTE |
| 490 | REQUEST FOR EMERGENCY STATE - DAY-AHEAD MARKET | - | Input | External subject | IS OTE |
| 493 | REQUEST FOR EMERGENCY STATE INTRADAY MARKET | - | Input | External subject | IS OTE |
| 496 | REQUEST FOR STATE OF EMERGENCY VERSION 1 - NETTING | - | Input | External subject | IS OTE |
| 499 | REQUEST FOR STATE OF EMERGENCY VERSION 2 - NETTING | - | Input | External subject | IS OTE |
| 502 | REQUEST FOR STATE OF EMERGENCY – PAID PAYMENTS OTE | - | Input | External subject | IS OTE |
| 505 | Request for   emergency state - intraday auctions | - | Input | External subject | IS OTE |

Complete schema of SFVOTREQ in .xsd format is to be found here:

[XML\SFVOTREQ](XML/SFVOTREQ" \o "MASTERDATA.xsd)

## SFVOTSETTINGS

##### purpose

XML message format SFVOTSETTINGS used for sending setting new limit VDT /VT.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 484 | Setting limit VDT/VT | - | Input | External subject | IS OTE |

Complete schema of SFVOTSETTINGS in .xsd format is to be found here:

[XML\SFVOTSETTINGS](XML/SFVOTSETTINGS" \o "MASTERDATA.xsd)

## SFVOTEMGSTATE

##### purpose

XML message in SFVOTEMGSTATE format is used to sending the financial reports from SFVOT modules:

* EMERGENCY STATE CZ
* EMERGENCY STATE - DAY-AHEAD MARKET
* EMERGENCY STATE INTRADAY MARKET

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 488 | EMERGENCY STATE CZ | 487 | Output | IS OTE | External subject |
| 491 | EMERGENCY STATE - DAY-AHEAD MARKET | 490 | Output | IS OTE | External subject |
| 494 | EMERGENCY STATE INTRADAY MARKET | 493 | Output | IS OTE | External subject |
| 506 | Emergency state - intraday auctions | 505 | Output | IS OTE | External subject |

## SFVOTSEMGSTATENETT

##### purpose

XML message in SFVOTEMGSTATENETT format is used to sending the financial reports from SFVOT modules:

* STATE OF EMERGENCY VERSION 1 – NETTING
* STATE OF EMERGENCY VERSION 2 - NETTING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 497 | STATE OF EMERGENCY VERSION 1 - NETTING | 496 | Output | IS OTE | External subject |
| 500 | STATE OF EMERGENCY VERSION 2 - NETTING | 499 | Output | IS OTE | External subject |

Complete schema of  **SFVOTSEMGSTATENETT** in .xsd format is to be found here:

[XML\](XML/SFVOTSEMGSTATENETT" \o "MASTERDATA.xsd) **[SFVOTSEMGSTATENETT](XML/SFVOTSEMGSTATENETT" \o "MASTERDATA.xsd)**

## SFVOTSEMGSTATEINV

##### purpose

XML message in SFVOTEMGSTATENETT format is used to sending the financial reports from SFVOT modules:

* STATE OF EMERGENCY – PAID PAYMENTS OTE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| 503 | STATE OF EMERGENCY – PAID PAYMENTS OTE | 502 | Output | IS OTE | External subject |

Complete schema of **SFVOTEMGSTATEINV** in .xsd format is to be found here:

[XML\ SFVOTEMGSTATEINV](XML/SFVOTEMGSTATEINV" \o "MASTERDATA.xsd)

## RESPONSEEDC

##### purpose

XML message in RESPONSEEDC format is used to confirm the data exchange between the market participants and the CDS. The format basis is similar to messages RESPONSE. The format can be used in cases from the following table when communicating with Centre of Data Services CDS.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg\_code** | **Description** | **Reference message** | **Input / Output** | **Source** | **Target** |
| E02 | Submit error/confirmation | E01 | Input | External subject | IS OTE |

Complete schema of **RESPONSEEDC** in .xsd format is to be found here:

[XML/RESPONSEEDC](file:///C:\dokumenty\PROJEKTY\00%20SAP%20a%20projekty%20SAP\00%20OTE\003Ext.%20rozhr-pracovna\OTE-%20externí%20rozhraní%20local\2.0\Documentation%20-%20ele\XML\RESPONSEEDC)

## Global XSD schemas

##### Purpose

Global XSD schemas contains data types, that would repeat when specified in single message formats. By setting apart, the definition code is reduced and maintanance becomes easier. There is refered to these data types in sigle formats.

* OTE\_GLOBALS - contains data types being commons for all, resp. most of formats
* XMLDSIG-CORE-SCHEMA - contains definition of electronic signature

Complete schemas of OTE\_GLOBALS and XMLDSIG-CORE-SCHEMA in .xsd format are to be found here:

[XML/Globals](file:///C:\dokumenty\PROJEKTY\00%20SAP%20a%20projekty%20SAP\00%20OTE\003Ext.%20rozhr-pracovna\OTE-%20externí%20rozhraní%20local\2.0%2015%20minut\XML\Globals)

# CIM specification formats

For communication in the sphere of „Registration of Realisation Diagrams“, standard of XML messages in complinace with ENTSO-E specifications are used:

:

* iec62325-451-2-schedule\_v5\_2.xsd (Schedule\_MarketDocument)
* iec62325-451-2-anomaly\_v5\_3.xsd (AnomalyReport\_MarketDocument)
* iec62325-451-2-confirmation\_v5\_3.xsd (Confirmation\_MarketDocument)
* iec62325-451-5-statusrequest\_v4\_1.xsd (StatusRequest\_MarketDocument)
* iec62325-451-1-acknowledgement\_v8\_1.xsd (Acknowledgement\_MarketDocument)

For communication in domain of shorterm auction based markets DM and IDA, standard of XML messages in complinace with ENTSO-E specifications are used:

* iec62325-451-5-statusrequest\_v4\_1.xsd (StatusRequest\_MarketDocument)
* iec62325-451-1-acknowledgement\_v8\_1.xsd (Acknowledgement\_MarketDocument)
* Capacity\_OTEMarketDocument v8.1[[1]](#footnote-1)

CIM based XML schemas are placed here:

[CIM](https://ensemble.ent.cgi.com/client/12402/Client Documentation/7-Delivery/_OTE_59390_Programme/000-099_DELIVERABLES/065_EXTERNAL_INTERFACE_SPECIFICATION/D1.4.2_Formaty_zprav_XML_2.0/temp/CIM" \o "MASTERDATA.xsd)

Tailored CIM ENTSO-E types and code lists ar eplaced here:

[CIM\Globals](https://ensemble.ent.cgi.com/client/12402/Client Documentation/7-Delivery/_OTE_59390_Programme/000-099_DELIVERABLES/065_EXTERNAL_INTERFACE_SPECIFICATION/D1.4.2_Formaty_zprav_XML_2.0/temp/CIM/Globals" \o "MASTERDATA.xsd)

Popis aplikace standardů i upravených zpráv pro komunikaci v oblasti Evidence realizačních diagramů je uveden v dokumentu D1.4.4 Rozhraní automatické komunikace IS OTE.

The description of standards and semi-standards application within communication in the domains of „Registartion of Realization Diagrams“ and shorterm auction based markets DM and IDA is specified in the document D1.4.4 IS OTE automatic communication interface.

1. It is tailored ENTSO-E CIM XML schema iec62325-451-3-capacity\_v8\_1.xsd, extended by FB capacity alloaction specifics not defined within CIM ENTSO-E standard. [↑](#footnote-ref-1)