

part of eex group



SMSS XML Report Specification

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1. Introduction

The following document contains the description of the XML reports generated by the ECC Spot Market Settlement System (SMSS).

ECC has introduced the SMSS to implement uniform processes, reports and interfaces for the settlement of Spot Market transactions and for deliveries from Derivatives Market transactions settled physically regardless of the underlying and of the trading platform.

It is possible to subscribe various reports in the XML and PDF format (trades / payments / deliveries / invoices / margin) and to export historical transactions via the member area of the ECC web site.

In the case that a company acts as Clearing Member and Trading Participant the report name for the Clearing Member includes the short code "VC", which stands for "View Clients" additionally.

The purpose of this document is to explain the different XML reports and their content.

2. XML Report Layout

2.1. Main Report Structure

The report XML structure is enclosed in the tag:

```
<reportName>
  <ReportHeader>
    <FieldName>FieldValue</FieldName>
  </ReportHeader>
  <SubstructureName>
    <FieldName>fieldValue</Fieldname>.
  </SubstructureName>
</reportName>
```

2.2. Substructures

Substructures are written as follows:

```
<SubstructureName>
  <FieldName>FieldValue</Fieldname>.
</SubstructureName>
```

The substructures occur in the sequence as they are defined in the XML Report layout. In case of a multiple occurrence, the <SubstructureName> element is repeated.

2.3. Field Values

Field values are written as

```
<FieldName>FieldVal
ue</FieldName> or, if
no value is given for a
field,
<FieldName/>
```

3. SMSS XML Reports

3.1.Trade_Report_Detail (TRD)

3.1.1. Short Description

This report includes all Settlement Instructions for trades of the current day (daily report). Settlement Instructions are trades as forwarded by the respective exchange enriched with settlement information (e.g. Clearing Member, delivery details, VAT, fees).

3.1.2. Frequency

The daily report will be generated every calendar day around 16:30 CET.

3.1.3. Availability

The report is available for exchanges, CCPs, Clearing Members and Trading Participants. The report for Clearing Members includes the Settlement Instructions of all connected Trading Participants; the report for Trading Participants includes the Settlement Instructions of the respective Trading Participant only.

3.1.4. Report Structure

```

<Trade_Report_Detail>
  <ReportHeader>
    <ReportName>C_DEFEX_TRD_DAILY_YYYY-MM-DD</ReportName>
    <ReportDate>2008-06-30</ReportDate>
  </ReportHeader>
  <ReportPeriod>
    <StartDate>2008-06-30</StartDate>
    <EndDate>2008-06-30</EndDate>
  </ReportPeriod><ECCProductID>EPEX_ST_POWER_RTE</ECCProductID>
  <SettlementInstruction ID ="123">
    <ExchangeTradeID>123456</ExchangeTradeID>
    <ExchangeTradeSubID>0</ExchangeTradeSubID>
    <TransactionTimeStamp>2008-06-30
    17:30:00</TransactionTimeStamp>
    <Exchange>EPEX</Exchange>
    <TransactionType>ST</TransactionType>
    <Commodity>POWER</Commodity>
    <DeliveryPoint>RTE</DeliveryPoint>
    <ExchangeProductID/>
    <ExchangeOTC>X</ExchangeOTC>
  </SettlementInstruction>
</Trade_Report_Detail>

```

```

    <BuySell>B</BuySell>
    <NumberOfContracts>100</NumberOfContracts>
    <TotalQuantity>200</TotalQuatity>
    <UoM>MWh</UoM>
    <DeliveryStart>2008-07-02 06:00:00</DeliveryStart>
    <DeliveryEnd>2008-07-02 08:00:00</DeliveryEnd>
    <Price>20.500</Price>
    <Currency>EUR</Currency>
    <FeeCurrency>EUR</FeeCurrency>
    <TradingParticipant>DEFEX</TradingParticipant>
    <ExchangeMemberID>DEF Trading</ExchangeMemberID>
    <ClearingMember>ABCEX</ClearingMember>
    <PaymentCommodity>4100.00</PaymentCommodity>
    <PaymentDomesticVAT>779.00</PaymentDomesticVAT>
    <PaymentForeignVAT>0.00</PaymentForeignVAT>
    <PaymentDate>2008-07-01</PaymentDate>
    <ECCFee>2.00</ECCFee>
    <ECCFeeDomesticVAT>0.38</ECCFeeDomesticVAT>
    <ECCFeeForeignVAT>0.00</ECCFeeForeignVAT>
    <ExchangeFee>8.00</ExchangeFee>
    <ExchangeFeeDomesticVAT>1.52</ExchangeFeeDomesticVAT>
    <ExchangeFeeForeignVAT>0.00</ExchangeFeeForeignVAT>
    <ExchangeTraderId>Trader001</ExchangeTraderID>
    <ExchangeTradingAccount>P</ExchangeTradingAccount>
    <ExchangeTextField>SampleText</ExchangeTextField>
    <DeliveryAccount>EIC code</DeliveryAccount>
    <ECCTransactionID>123</ECCTransactionID>
    <ECCPaymentID>123</ECCPaymentID>
    <ECCDeliveryID> C_ABCEX_DRS_RTE_YYYY-DD-
    MM</ECCDeliveryID>
  </ SettlementInstruction ID
    ="123">
</Trade_Report_Detail>

```

3.1.5. Fields

| Fieldname | Format | Mandatory/ Optional | Remark |
|------------|----------|------------------------|---|
| ReportName | CHAR(50) | M | The report name consists of the ECC short name of the sub- scribing company, the report type, the interval and the trad- ing date: C_ABCEX_TRD_DAILY_YYYY-MM-DD or C_ABCEX_TRD_MONTHLY_YYYY-MM-DD |
| ReportDate | DATE | M | Date of report generation |
| StartDate | DATE | M | First trading day reported in this report |
| EndDate | DATE | M | Last trading day reported in this report |

| Fieldname | Format | Mandatory/ Optional | Remark |
|----------------------|---------------|------------------------|--|
| ExchangeTradeID | CHAR(25) | M | Trade ID at the exchange |
| ExchangeTradeSubID | NUMERIC(15) | M | Trade sub-ID at the exchange |
| TransactionTimeStamp | DateTime | M | Timestamp of the trade at the respective exchange (in CET/CEST) |
| ECCProductID | CHAR(100) | M | ECC internal product name (see appendix) |
| Exchange | CHAR(20) | M | Exchange name (e.g. EEX) |
| TransactionType | CHAR(30) | M | ECC internal transaction type (see appendix) |
| Commodity | CHAR(30) | M | Commodity (see appendix) |
| DeliveryPoint | CHAR(30) | M | Delivery point / TSO (see appendix) |
| ExchangeProductID | CHAR(30) | O | Product name at the exchange |
| ExchangeOTC | CHAR(1) | O | X – Exchange Trade / O – Registered Trade |
| BuySell | CHAR(1) | M | B = Buy / S = Sell |
| NumberOfContracts | NUMERIC(14.4) | M | Number of contracts at the exchange |
| TotalQuantity | NUMERIC(14.4) | M | Total volume of the trade |
| UoM | CHAR(5) | M | Unit of measurement (MWh or t) |
| DeliveryStart | DATETIME | O | Start physical delivery (in CET/CEST) |
| DeliveryEnd | DATETIME | O | End physical delivery (in CET/CEST) |
| Price | NUMERIC(10.4) | M | Trade price in the given currency with negative or positive value |
| Currency | CHAR(3) | M | International currency code |
| FeeCurrency | CHAR(3) | M | International currency code |
| TradingParticipant | CHAR(20) | M | ECC internal member ID of the Trading Participant (usually 5 characters e.g. DEFEX) |
| ExchangeMemberID | CHAR(20) | O | Exchange Member ID |
| ClearingMember | CHAR(20) | M | ECC internal member ID of the Clearing Member or Settlement Bank (usually 5 characters e.g. ABCEX) |
| PaymentCommodity | NUMERIC(10.2) | O | Payment amount for delivery in the given currency (negative amount credit / positive amount debit) |
| PaymentDomesticVAT | NUMERIC(10.2) | O | Domestic VAT for delivery in the given currency (negative amount credit / positive amount debit) |
| PaymentForeignVAT | NUMERIC(10.2) | O | Foreign VAT for delivery in the given currency (negative amount credit / positive amount debit) |

| Fieldname | Format | Mandatory/ Optional | Remark |
|------------------------|---------------|------------------------|--|
| PaymentDate | DATE | O | Payment day for delivery and respective VAT |
| ECCFee | NUMERIC(10.2) | M | ECC clearing fees in the given currency (always positive) |
| ECCFeeDomesticVAT | NUMERIC(10.2) | M | Domestic VAT on ECC clearing fees in the given currency (always positive) |
| ECCFeeForeignVAT | NUMERIC(10.2) | M | Foreign VAT on ECC clearing fees in the given currency (always positive) |
| ExchangeFee | NUMERIC(10.2) | M | Exchange fees in the given currency (always positive) |
| ExchangeFeeDomesticVAT | NUMERIC(10.2) | M | Domestic VAT on exchange fees in the given currency (always positive) |
| ExchangeFeeForeignVAT | NUMERIC(10.2) | M | Foreign VAT on exchange fees in the given currency (always positive) |
| ExchangeTraderID | CHAR(15) | O | Trader ID at the exchange |
| ExchangeTradingAccount | CHAR (50) | O | Trading account name at the exchange |
| ExchangeTextField | CHAR(255) | O | Text field provided by the exchange |
| DeliveryAccount | CHAR(40) | O | Name of the delivery account (e.g. internal account for emissions or EIC code) |
| ECCTransactionID | NUMERIC(20) | M | Unique ECC internal ID of the Settlement Instruction |
| ECCPaymentID | NUMERIC(20) | O | ECC internal transaction ID for the payment transaction |
| ECCDeliveryID | CHAR(100) | O | ECC internal delivery ID or name of the ECC nomination |

3.2.Payment_Report_Summary (PRS)

3.2.1. Short Description

This report includes details of a specific payment transaction, like the payment day, the external EUREX transaction ID used for cash settlement, the currency and the payable amounts per Trading Participant.

3.2.2. Frequency

The report in EUR will be available once on every TARGET day after the payment transaction was entered successfully by ECC into the EUREX system for cash settlement. The payment report available around 16:30 CET includes the payable amounts of spot, intraday, withinday trades and physical futures positions during the delivery period¹ in power, natural gas and emission allowances.

The report in GBP will be available on every TARGET day after the payment transaction was entered successfully by ECC into the EUREX system for cash settlement around 16:00 CET and includes the payment amounts of settlement of EEX GB POWER Futures during the delivery month.

Payment reports for fee settlement of exchange and clearing fees in the respective currency will be generated at the latest two ECC business days before the due date.

3.2.3. Availability

The report is available for CCPs, Clearing Members and Trading Participants. The report for Clearing Members includes the payable amounts of all connected Trading Participants; the report for Trading Participants includes the payable amount of the respective Trading Participants only.

3.2.4. Report Structure

```
<Payment_Report_Summary
  <ReportHeader>
    <ReportName> C_ABCEX_PRS_EUR_1600_YYYY-DD-
    MM</ReportName>
    <ReportDate>2008-06-30</ReportDate>
  </ReportHeader>
<ReportPeriod>
  <StartDate>2008-07-01</StartDate>
  <EndDate>2008-07-01</EndDate>
</ReportPeriod>
<ECCPayment ID="123">
  <ClearingMember>ABCEX</ClearingMember>
  <TradingParticipant>DEFEX</TradingParticipant>
  <DebitCredit>D</DebitCredit>
  <PaymentAmount>100.25</PaymentAmount>
  <Currency>EUR</Currency>
  <FeeCurrency>EUR</FeeCurrency>
  <PaymentDate>2008-07-01</PaymentDate>
  <PaymentGroup>EUR_1600</PaymentGroup>
  <ECCPaymentID>123</ECCPaymentID>
  <ExternalPaymentID>000FXU</ExternalPaymentID>
<ECCPayment ID="123">
</PaymentTransaction>
  <ClearingMember>ABCEX</ClearingMember>
  <TradingParticipant>GHIEX</TradingParticipant>
  <DebitCredit>C</DebitCredit>
  <PaymentAmount>-100.25</PaymentAmount>
  <Currency>EUR</Currency>
  <PaymentDate>2008-07-01</PaymentDate>
  <PaymentGroup>EUR_1600</PaymentGroup>
```

```

<ECCPaymentID>123</ECCPaymentID>
<ExternalPaymentID>000FXU</ExternalPaymentID>
</PaymentTransaction>
</Payment_Report_Summary>

```

3.2.5. Fields

| Fieldname | Format | Mandatory/ Optional | Remark |
|--------------------|---------------|------------------------|---|
| ReportName | CHAR (50) | M | The report name consists of the ECC short name of the sub- scribing company, the report type, the time of the booking cut and the payment date:: C_ABCEX_PRS_EUR_1600_YYYY- DD-MM |
| ReportDate | DATE | M | Date of report generation |
| StartDate | DATE | M | First payment day reported |
| EndDate | DATE | M | Last payment day reported |
| ClearingMember | CHAR(20) | M | ECC internal member ID of the Clearing Member or Settlement Bank (usually 5 characters e.g. ABCEX) |
| TradingParticipant | CHAR(20) | M | ECC internal member ID of the Trading Participant (usually 5 characters e.g. DEFEX) |
| DebitCredit | CHAR(1) | M | D = Debit / C = Credit |
| PaymentAmount | NUMERIC(10.2) | M | Payment amount per Trading Participant in the given currency (negative in case of a credit; positive in case of a debit) |
| Currency | CHAR(3) | M | International currency code |
| PaymentDate | DATE | M | Payment date (always a TARGET day) |
| PaymentGroup | CHAR(100) | M | ECC internal name of the payment group (e.g. EUR_1600) |
| ECCPaymentID | NUMERIC(20) | O | ECC internal ID for the payment transaction |
| ExternalPaymentID | CHAR(30) | M | External transaction ID of the EUREX system (trnIdNo) used for cash settlement as reported in the EUREX report CD010 |

3.3.Payment_Report_Detail (PRD)

3.3.1. Short Description

This report refers to the “Payment_Report_Summary” as described above and includes all related Settlement Instructions, which lead to the PaymentAmount.

3.3.2. Frequency

The report will be generated at the same time as the “Payment_Report_Summary” as

described above.

3.3.3. Availability

The report is available for CCPs, Clearing Members and Trading Participants. The report for Clearing Members includes the Settlement Instructions of all connected Trading Participants; the report for Trading Participants includes the Settlement Instructions of the respective Trading Participant only.

Payment reports for fee settlement of exchange and clearing fees in the respective currency will be generated at the latest two ECC business days before the due date.

3.3.4. Report Structure

same as the "Trade_Report_Detail"; see 3.1.4

3.3.5. Fields

same as the "Trade_Report_Detail"; see 3.1.5

3.4. Delivery_Report_Summary (DRS)

3.4.1. Short Description

This XML report includes the contract value nominated by ECC towards the respective TSO of power or natural gas deliveries or the daily statement of the delivery accounts for emission products as described thereafter.

3.4.2. Frequency

The report will be generated as follows:

Commodity: Power

around 10:00 CET on every calendar day for deliveries of the previous delivery day (D-1)

around 14:00 CET on every calendar day (after the power day-ahead deliveries have been nominated towards the respective TSO) for power deliveries of the next delivery day (D+1)

Commodity: Natural Gas

around 10:00 CET on every calendar day for deliveries of the previous delivery day (D-1)

around 18:00 CET on every ECC business day for all deliveries of the next delivery day (D+1)

Commodity: EUA and CER

around 19:00 CET on every ECC business day after physical and financial settlement of emission products on the delivery day (D)

3.4.3. Availability

The report is available for CCPs, Clearing Members and Trading Participants. Clearing Members receive the delivery reports of the related Trading Participants and Trading Participants will receive their own delivery reports only.

3.4.4. Report Structure

3.4.4.1. Delivery Report Emissions

```
<Delivery_Report_Summary_Emissions>
  <ReportHeader>
    <ReportName>C_ABCEX_DRS_DAILY_EMISSIONS_YYYY-MM-DD</ReportName>
    <ReportDate>2009-03-30</ReportDate>
  </ReportHeader>
  <ReportPeriod>
    <StartDate>2009-03-30</StartDate>
    <EndDate>2009-03-30</EndDate>
  </ReportPeriod>
  <DeliveryAccount ID ="ABCEX_EUA2">
    <DeliveryAccount>ABCEX_EUA2</DeliveryAccount>
    <OpeningBalance>3112</OpeningBalance>
    <ClosingBalance>2112</ClosingBalance>
    <Transaction ID="1245">
      <TradingParticipant>ABCEX</TradingParticipant>
      <TransactionTimeStamp>2009-03-30T16:30:00+01:00</TransactionTimeStamp>
      <ECCDeliveryID> DMS1101</ECCDeliveryID>
      <EmissionsTransactionType>Delivery</EmissionsTransactionType>
      <RegistryAccount>DE-121-1562- 0</RegistryAccount>
      <RegistryTransactionID>AT1234</RegistryTransactionID>
      <Textfield>Sample text</Textfield>
      <DebitCredit>D</DebitCredit>
      <Quantity>1000</Quantity>
    </Transaction>
  </DeliveryAccount>
</Delivery_Report_Summary_Emissions>
```

3.4.4.2. Delivery Report Natural Gas

```
<Delivery_Report_Summary_Natgas>
  <ReportHeader>
    <
```

```

        <ReportName>C_ABCEX_DRS_NATGAS_DAILY_YYYY-MM-
        DD</ReportName>
        <ReportDate>2009-03-30</ReportDate>
    </ReportHeader>
    >
    <ReportPeriod>
        <StartDate>2009-03-30</StartDate>
        <EndDate>2009-03-30</EndDate>
    </ReportPeriod>
        <DeliveryDay Date="2009-03-30">
            <Underlying Name=="NATGAS_NCGH">
                <TransactionType Name="ST">
                    <BuySell Type="S">
                        <DeliveryAccount
                            Name="DELIVERYACCOUNT">
                                <UoM>MWh</UoM>
                                <Hour1>0.0</Hour1>
                                <Hour2>-3.0</Hour2>
                                <Hour3>0.0</Hour3>
                                <Hour4>0.0</Hour4>
                                <Hour5>0.0</Hour5>
                                <Hour6>0.0</Hour6>
                                <Hour7>0.0</Hour7>
                                <Hour8>0.0</Hour8>
                                <Hour9>0.0</Hour9>
                                <Hour10>0.0</Hour10>
                                <Hour11>0.0</Hour11>
                                <Hour12>0.0</Hour12>
                                <Hour13>0.0</Hour13>
                                <Hour14>0.0</Hour14>
                                <Hour15>0.0</Hour15>
                                <Hour16>0.0</Hour16>
                                <Hour17>0.0</Hour17>
                                <Hour18>0.0</Hour18>
                                <Hour19>0.0</Hour19>
                                <Hour20>0.0</Hour20>
                                <Hour21>0.0</Hour21>
                                <Hour22>0.0</Hour22>
                                <Hour23>0.0</Hour23>
                                <Hour24>0.0</Hour24>
                                <TotalDeliveryDay>-
                                3.0</TotalDeliveryDay>
                            </DeliveryAccount>
                        </BuySell>
                    </TransactionType>
                </Underlying>
            </DeliveryDay>
        </Delivery_Report_Summary_Natgas>
    
```

3.4.4.3. Delivery Report Natural Power

```

<Delivery_Report_Summary_Power>
  <ReportHeader>
    <ReportName>C_ABCEX_DRS_POWER_DAILY_YYYY-MM-DD</ReportName>
    <ReportDate>2011-10-24</ReportDate>
  </ReportHeader>
  <ReportPeriod>
    <StartDate>2011-10-24</StartDate >
    <EndDate>2011-10-24</EndDate >
  </ReportPeriod>
    <DeliveryDay Date="2011-10-25">
      <Underlying Name="POWER_RTE">
        <TransactionType Name="ST">
          <BuySell Type="S">
            <DeliveryAccount
              Name="DELIVERYACCOUNT">
              <UoM>MWh</UoM>
              <QuarterHour1>-
                150.0</QuarterHour1>
              <QuarterHour2>-
                150.0</QuarterHour2>
              <QuarterHour3>-
                150.0</QuarterHour3>
              <QuarterHour4>-
                150.0</QuarterHour4>
              <QuarterHour5>-
                150.0</QuarterHour5>
              <QuarterHour6>-
                150.0</QuarterHour6>
              <QuarterHour7>-
                150.0</QuarterHour7>
              <QuarterHour8>-
                150.0</QuarterHour8>
              <QuarterHour9>-
                300.0</QuarterHour9>
              <QuarterHour10>-
                300.0</QuarterHour10>
              <QuarterHour11>-
                300.0</QuarterHour11>
              <QuarterHour12>-
                300.0</QuarterHour12>
              :
              :
              :
              :
              :
              :
              <QuarterHour86>-
                150.0</QuarterHour86>
              <QuarterHour87>-

```

```

150.0</QuarterHour87>
<QuarterHour88>-
150.0</QuarterHour88>
<QuarterHour89>-
150.0</QuarterHour89>
<QuarterHour90>-
150.0</QuarterHour90>
<QuarterHour91>-
150.0</QuarterHour91>
<QuarterHour92>-
150.0</QuarterHour92>
<QuarterHour93>-
150.0</QuarterHour93>
<QuarterHour94>-
150.0</QuarterHour94>
<QuarterHour95>-
150.0</QuarterHour95>
<QuarterHour96>-
150.0</QuarterHour96>
<TotalDeliveryDay>-
3.0</TotalDeliveryDay>

```

```
</DeliveryAccount>
```

```
</BuySell>
```

```
</TransactionType>
```

```
</Underlying>
```

```
</DeliveryDay>
```

```
</Delivery_Report_Summary_Natgas>
```

Note: On the day from summer to wintertime, switch the report includes additionally four-quarter hours 97-100.

3.4.5. Fields

3.4.5.1. Delivery Report Emissions

| Fieldname | Format | Mandatory/ Optional | Remark |
|-----------------|-------------|------------------------|---|
| ReportName | CHAR (50) | M | The report name consists of the short name of the subscribing company, the report type, the delivery point and the delivery day: C_ABCEX_DRS_EUA4_DMS_YYYY-MM-DD |
| ReportDate | DATE | M | Date of report generation |
| StartDate | DATE | M | First delivery day reported |
| EndDate | DATE | M | Last delivery day reported, always equal to Start Date |
| DeliveryAccount | CHAR(30) | M | Name of delivery account (e.g. ABCEX_EUA4) |
| OpeningBalance | NUMERIC(14) | M | Opening balance of delivery account before settlement |

| Fieldname | Format | Mandatory/ Optional | Remark |
|--------------------------|-------------|------------------------|---|
| ClosingBalance | NUMERIC(14) | M | Closing balance of delivery account after settlement |
| Trading Participant | CHAR(20) | M | ECC internal member ID of the Trading Participant (usually 5 characters e.g. DEFEX) |
| TransactionTimeStamp | DateTime | M | Timestamp of the respective emissions delivery |
| ECCDeliveryID | CHAR(100) | M | ECC internal ID for emissions delivery transactions |
| EmissionsTransactionType | CHAR(20) | M | Emissions delivery transaction type: Delivery, Registry Transfer or Lending |
| RegistryAccount | CHAR(100) | O | Name of registry account |
| RegistryTransactionID | CHAR(15) | O | External registry transaction ID |
| Textfield | CHAR(255) | O | Optional text field |
| DebitCredit | CHAR(1) | M | D = Debit / C=Credit |
| Quantity | NUMERIC(10) | M | Number of emission certificates |

3.4.5.2. Delivery Report Natgas/Power

| Fieldname | Format | Mandatory/ Optional | Remark |
|-----------------------|------------|------------------------|--|
| ReportName | CHAR (50) | M | The report name consists of the short name of the subscribing company, the report type, the delivery point and the delivery day: C_ABCEX_DRS_POWER_DAILY_YYYY-MM-DD or C_ABCEX_DRS_NATGAS_DAILY_YYYY-MM-DD |
| ReportDate | DATE | M | Date of report generation |
| StartDate | DATE | M | First delivery day reported |
| EndDate | DATE | M | Last delivery day reported, always equal to Start Date |
| Underlying Name | CHAR (100) | M | Name of underlying (e.g. POWER_AMP) |
| Transaction Type Name | CHAR (2) | M | Short Name of Transaction Type (e.g. ST = SpotTrade) |
| BuySell Type | CHAR (1) | M | Indication of Buy or Sell |
| DeliveryAccount Name | CHAR(30) | M | Name of delivery account (e.g. 11XCOMPANYABC- -Z) |
| UoM | CHAR(5) | M | Unit of measurement (MWh) |

| Fieldname | Format | Mandatory/Optional | Remark |
|------------------|-------------|--------------------|---|
| TotalDeliveryDay | NUMERIC(14) | M | Total balance of nominations per delivery day |

3.5.Margin_Report_Summary (MRS)

3.5.1. Short Description

This XML report includes the initial margin requirements calculated for Spot Market transactions (Margin Class IMSM). The report name consists of the short name of the subscribing company, the report type and the report date: C_ABCEX_MRS_DAILY_YYYY-MM-DD.

3.5.2. Frequency

The report will be generated daily after end of trading.

3.5.3. Availability

The report is available for CCPs, Clearing Members and Trading Participants (except of Trading Participants admitted at DCP Clearing Member). The report for Clearing Members includes the amounts of all connected Trading Participants; the report for Trading Participants includes the amounts of the respective Trading Participants only.

3.5.4. Report Structure

```

<Margin_Report_Summary>
  <ReportHeader>
    <ReportName>C_XYZEX_MRS_DAILY_2009-07-23</ReportName>
    <ReportDate>2009-07-23</ReportDate>
  </ReportHeader>
  <ReportPeriod>
    <StartDate>2009-07-23</StartDate>
    <EndDate>2009-07-23</EndDate>
  </ReportPeriod>
  <Margin_Requirement>
    <ClearingMember>ABCEx</ClearingMember>
    <TradingParticipant>XYZEX</TradingParticipant>
    <MarginAccount>PP</MarginAccount>
    <MarginRequirement>100.00</MarginRequirement>
    <MarginClass>UKPF</MarginClass>
    <Currency>GBP</Currency>
  </Margin_Requirement>
</Margin_Report_Summary>

```

3.5.5. Fields

| Fieldname | Format | Mandatory/ Optional | Remark |
|--------------------|---------------|------------------------|---|
| ReportName | CHAR (50) | M | The report name consists of the ECC short name of the sub- scribing company, the report type and the report date: C_ABCEX_MRS_DAILY_ YYYY-MM-DD |
| ReportDate | DATE | M | Date of report generation |
| StartDate | DATE | M | First day reported |
| EndDate | DATE | M | Last day reported |
| ClearingMember | CHAR(20) | M | ECC internal member ID of the Clearing Member (usually 5 characters e.g. ABCEX) |
| TradingParticipant | CHAR(20) | M | ECC internal member ID of the Trading Participant (usually 5 characters e.g. DEFEX) |
| MarginAccount | CHAR(2) | M | Account to be used for margin upload "PP" for proprietary and "A1" for agent trading |
| MarginRequirement | NUMERIC(10.2) | M | Margin amount in the given currency (negative in case of a margin credit; positive in case of a margin requirement) |
| MarginClass | CHAR(4) | M | Name of the margin class |
| Currency | CHAR(3) | M | International currency code |

3.6.Collateral_Report_Summary (CRS)

3.6.1. Short Description

This XML report includes the collateral transactions and balances. The report name consists of the short name of the subscribing company, the report type and the report date: C_ABCEX_CRS_DAILY_YYYY-MM- DD.

3.6.2. Frequency

The report will be generated daily until 5 pm CET.

3.6.3. Availability

The report is available for CCPs, Clearing Members and Trading Participants. The report for Clearing Members includes the amounts of all connected Trading Participants; the report for Trading Participants includes the amounts of the respective Trading Participants only.

3.6.4. Report Structure

```

<Collateral_Report_Summary>
  <ReportHeader>
    <ReportName>C_ABCEX_VC_CRS_DAILY_2016-02-
    18</ReportName>

```

```

        <ReportDate>2016-02-18</ReportDate>
    </ReportHeader>
    <ReportPeriod>
        <StartDate>2016-02-18</StartDate>
        <EndDate>2016-02-18</EndDate>
    </ReportPeriod>
    <InternalAccount ID="ABCEX_GUARANTEE_COBA_EUR">
        <InternalAccount>ABCEX_GUARANTEE_COBA_EUR</InternalAccount>
        <OpeningBalance>3000000</OpeningBalance>
        <ClosingBalance>3000000</ClosingBalance>
    </InternalAccount>
    <InternalAccount
    ID="ABCEX_GUARANTEE_SABA_EUR">
        <InternalAccount>ABCEX_GUARANTEE_SABA_EUR</InternalAccount>
        <OpeningBalance>0</OpeningBalance>
        <ClosingBalance>200000</ClosingBalance>
        <Transaction ID="100001">
            <TradingParticipant>ABCEX</TradingParticipant>
            <TransactionTimeStamp>201
            6-07-
            14T00:00:00+02:00</TransactionTimeStamp>
            <TransactionID>100867</TransactionID>
            <TransactionType>Transfer</TransactionType>
            <ExternalAccount>FRWAV7777777777</ExternalAccount>
            <ExternalTransactionID>ECC-UPS-
            0365</ExternalTransactionID>
            <Textfield>Any Information</Textfield>
            <DebitCredit>C</DebitCredit>
            <Quantity>3000000</Quantity>
        </Transaction>
    </InternalAccount>
</Collateral_Report_Summary>

```

3.6.5. Fields

| Fieldname | Format | Mandatory/Optional | Remark |
|------------|-----------|--------------------|---|
| ReportName | CHAR (50) | M | The report name consists of the ECC short name of the sub- scribing company, the report type and the report date: C_ABCEX_MRS_DAILY_ YYYY-MM-DD |
| ReportDate | DATE | M | Date of report generation |
| StartDate | DATE | M | First delivery day reported |

| | | | |
|-----------------------|-------------|---|---|
| EndDate | DATE | M | Last delivery day reported, always equal to Start Date |
| Internal Account | CHAR(30) | M | Name of delivery account (e.g. ABCEX_GUARANTEE_COBA_EUR) |
| OpeningBalance | NUMERIC(14) | M | Opening balance of collateral account before settlement |
| ClosingBalance | NUMERIC(14) | M | Closing balance of collateral account after settlement |
| TradingParticipant | CHAR(20) | M | ECC internal member ID of the Trading Participant (usually 5 characters e.g. DEFEX) |
| TransactionTimeStamp | DateTime | M | Timestamp of the respective emissions delivery |
| TransactionID | CHAR(100) | M | ECC internal ID for collateral delivery transactions |
| TransactionType | CHAR(20) | M | Collateral delivery transaction type: Transfer |
| ExternalAccount | CHAR(100) | O | Name of external account /Guarantee Number |
| ExternalTransactionID | CHAR(15) | O | External transaction ID / Contract Tracking ID |
| Textfield | CHAR(255) | O | Optional text field |
| DebitCredit | CHAR(1) | M | D = Debit / C=Credit |
| Quantity | NUMERIC(10) | M | Collateral Amount |

4. Appendix

4.1.ECC Product ID

ECC will setup the following ECCProductIDs within SMSS. The ECCProductID will be in general defined as follows: Exchange_TransactionType_Commodity_DeliveryPoint.

| ECCProductID | Description |
|-------------------|---|
| CCP_IT_POWER_50HZ | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_AMP | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_APG | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_DK1 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_DK2 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_ELIA | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_ENBW | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_FIN | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_NO1 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_NO2 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_NO3 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_NO4 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_NO5 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_RTE | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_SE1 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_SE2 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_SE3 | Technical construction for CCP shipper purposes to the respective TSO |

| ECCProductID | Description |
|-------------------|---|
| CCP_IT_POWER_SE4 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_TNT | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_IT_POWER_TNTG | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_50HZ | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_AMP | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_CEPS | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_DK1 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_DK2 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_ELES | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_ELIA | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_FIN | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_MVR | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_NO1 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_NO2 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_NO3 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_NO4 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_NO5 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_PSE | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_REE | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_RTE | Technical construction for CCP shipper purposes to the respective TSO |

| ECCProductID | Description |
|--|--|
| CCP_ST_POWER_SE1 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_SE2 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_SE3 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_SE4 | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_SEPS | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_STNT | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_TER | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_TNT | Technical construction for CCP shipper purposes to the respective TSO |
| CCP_ST_POWER_TNTG | Technical construction for CCP shipper purposes to the respective TSO |
| CLTX_FT_FREIGHT_CS_USD | Futures traded at CLTX in Dry Bulk Voyage Route Freight |
| CLTX_FT_FREIGHT_PM_USD | Futures traded at CLTX in Dry Bulk Trip Time Charter Freight |
| CLTX_FT_FREIGHT_TC_USD | Futures traded at CLTX in Dry Bulk Time Charter Freight |
| CLTX_FT_IRONORE_USD | Futures trade at CLTX in Iron Ore Futures |
| CLTX_OT_FREIGHT_TC_USD | Options trade at CLTX in Dry Bulk Time Charter Freight Options |
| CLTX_OT_IRONORE_USD | Options trade at CLTX in Iron Ore Options |
| COLLATERAL_II_CASH_CAP_EUR_DMS | Internal Instruction for transaction of the Credit limit amount given in currency Euro determining the total trading limit |
| COLLATERAL_IT_HLDNG_DEFER_MRGN_EUR_DMS | Cash transaction booked according to the deferred margin procedure that will increase the collateral booked at the collateral account in the currency Euro. ECC will always enter two transactions in this product group. The first is to hold the margins and the second to release the |
| COLLATERAL_ST_HLDNG_CASH_WHPNS_EUR_DMS | Payment Withholdings of Withinday, Day Ahead or Future contracts with delivery or acceptance of delivery of natural gas |

| ECCProductID | Description |
|---------------------------------------|--|
| COLLATERAL_ST_HLDNG_CASH_FUND_EUR_DMS | Cash transaction resulting from the clearing fund contribution and booked at the collateral account in the currency Euro |
| COLLATERAL_ST_HLDNG_CASH_MRGN_EUR_DMS | Cash transaction of collateral deposited at ECC and booked at the collateral account in the currency Euro |
| ECC_FS_CLEARING_FEE_EUR | Product Group for fee settlement of ECC's clearing fees in EUR |
| ECC_FS_CLEARING_FEE_GBP | Product Group for fee settlement of ECC's clearing fees in GBP |
| ECC_FS_CLEARING_FEE_USD | Product Group for fee settlement of ECC's clearing fees in USD |
| ECC_FS_LIMIT_CM_BASE_FEE_EUR | Base fee for Clearing Member (as originator of limits) |
| ECC_FS_LIMIT_NCM_BASE_FEE_EUR | Base fee for Non-Clearing Member (as originator of limits) |
| ECC_FS_LIMIT_USAGE_FEE_EUR | Administrative fee per limit (for the originator of limits) |
| ECC_FS_SECURITY_FEE_EUR | Product Group for fee settlement of ECC's collateral management fee in EUR |
| EEX_DF_EUA4_DMS | General Discount Emissions Futures Market for Spot/Future Spreads |
| EEX_DF_EUA4_INC_DMS | Partial Discount Emissions Futures Market for Rebate Programs |
| EEX_DF_FINGAS_CEGH | Discount Futures Market CEGH EGSi |
| EEX_DF_FINGAS_DWE_CEGH | Discount Futures Market CEGH EGSi |
| EEX_DF_FINGAS_DWE_THE | Discount Futures Market NCG EGSi |
| EEX_DF_FINGAS_DWE_TTF | Discount Futures Market TTF EGSi |
| EEX_DF_FINGAS_THE | Discount Futures Market NCG EGSi |
| EEX_DF_FINGAS_TTF | Discount Futures Market TTF EGSi |
| EEX_DF_FINGAS_W_CEGH | Discount Futures Market CEGH EGSi |
| EEX_DF_FINGAS_W_THE | Discount Futures Market NCG EGSi |
| EEX_DF_FINGAS_W_TTF | Discount Futures Market TTF |
| EEX_DF_NATGAS ETF | Discount Derivatives Market Transactions ETF |
| EEX_DF_NATGAS_GPL | Discount Futures Market Gaspool |
| EEX_DF_NATGAS_NBP | Discount Futures Market NBP |
| EEX_DF_NATGAS_NCG | Discount Futures Market Net Connect Germany |

| ECCProductID | Description |
|---------------------|---|
| EEX_DF_NATGAS_THE | Discount Futures Market Trading Hub Europe (active from 01.10.2021, former NCG) |
| EEX_DF_NATGAS_OTE | Discount Futures Market OTE |
| EEX_DF_NATGAS_PEG | Discount Futures Market PEG |
| EEX_DF_NATGAS_PSV | Discount Futures Market PSV |
| EEX_DF_NATGAS_PVB | Discount Futures Market PVB |
| EEX_DF_NATGAS_TTF | Discount Futures Market TTF |
| EEX_DF_NATGAS_ZTP | Discount Futures Market ZTP |
| EEX_DF_POWER_ELIA | Discount Futures Market Belgian Power |
| EEX_DF_POWER_TNT | Discount Futures Market Dutch Power |
| EEX_DS_EUA4_INC_DMS | Partial Discount Emissions Spot Market for Rebate Programs |
| EEX_DS_NATGAS_CPEG | Discount Spot Market PEG Congestion |
| EEX_DS_NATGAS ETF | Discount Spot Market Transactions ETF |
| EEX_DS_NATGAS_GPL | Discount Spot Market Gaspool |
| EEX_DS_NATGAS_GPLH | Discount Spot Market Gaspool H-Gas |
| EEX_DS_NATGAS_GPLL | Discount Spot Market Gaspool L-Gas |
| EEX_DS_NATGAS_LPEG | Discount Spot Market PEG Locational |
| EEX_DS_NATGAS_NBP | Discount Spot Market NBP |
| EEX_DS_NATGAS_NCG | Discount Spot Market Net Connect Germany |
| EEX_DS_NATGAS_THE | Discount Spot Market Trading Hub Europe (active from 01.10.2021, former NCG) |
| EEX_DS_NATGAS_NCGH | Discount Spot Market Net Connect Germany H-Gas |
| EEX_DS_NATGAS_NCGL | Discount Spot Market Net Connect Germany L-Gas |
| EEX_DS_NATGAS_OTE | Discount Spot Market OTE |
| EEX_DS_NATGAS_PEG | Discount Spot Market PEG |
| EEX_DS_NATGAS_PVB | Discount Spot Market PVB |
| EEX_DS_NATGAS_TTF | Discount Spot Market TTF |
| EEX_DS_NATGAS_ZTP | Discount Spot Market ZTP |
| EEX_FE_API_ARA_USD | Futures expiry of EEX API 2 CIF ARA Coal Futures |

| ECCProductID | Description |
|------------------------|---|
| EEX_FE_API_RB_USD | Futures expiry of EEX API 4 FOB Richards Bay Coal Fu tures |
| EEX_FE_BIOMASS_CIF_ARA | Futures expiry of Wood Pellets CIF ARA Futures |
| EEX_FE_CER_DMS | Futures expiry of Futures on Certified Emission Reductions |
| EEX_FE_DAIRY_BUTTER | Futures expiry of Butter Futures |
| EEX_FE_DAIRY_LMILK | Futures expiry of European Liquid Milk Futures |
| EEX_FE_DAIRY_SMP | Futures expiry of Skimmed Milk Powder Futures |
| EEX_FE_DAIRY_WHEY | Futures expiry of European Whey Powder Futures |
| EEX_FE_ERU_DMS | Futures expiry of Emission Reduction Unit Futures |
| EEX_FE_EUA4_DMS | Futures expiry of European Carbon Futures |
| EEX_FE_EUAA_DMS | Futures expiry of EU Aviation Allowance Futures |
| EEX_FE_GO_ALP_DMS | Futures expiry at EEX in Futures on Guarantees of Origin Alpine Hydro Power |
| EEX_FE_GO_CON_DMS | Futures expiry at EEX in Futures on Guarantees of Origin Northern Continental Europe Wind Power |
| EEX_FE_GO_NOR_DMS | Futures expiry at EEX in Futures on Guarantees of Origin Nordic Hydro Power |
| EEX_FE_LNG_JKM | Futures expiry of JKM LNG Futures |
| EEX_FE_MEAT_HOG | Futures expiry of Hog Futures |
| EEX_FE_MEAT_PIGLET | Futures expiry of Piglet Futures |
| EEX_FE_NATGAS_CEGH | Futures expiry of CEGH Natural Gas Futures (VTP CEGH) |
| EEX_FE_NATGAS ETF | Futures expiry of ETF Natural Gas Futures |
| EEX_FE_NATGAS_GPL | Futures expiry of GPL Natural Gas Futures |
| EEX_FE_NATGAS_NCG | Futures expiry of NCG Natural Gas Futures |
| EEX_FE_NATGAS_THE | Futures expiry of THE Natural Gas Futures (active from 01.10.2021, former NCG) |
| EEX_FE_NATGAS_OTE | Futures expiry of Czech (OTE) Natural Gas Futures |
| EEX_FE_NATGAS_PEG | Futures expiry of PEG Natural Gas Futures |
| EEX_FE_NATGAS_PSV | Futures expiry of EEX PSV Natural Gas Futures |
| EEX_FE_NATGAS_PVB | Futures expiry of PVB Natural Gas Futures |

| ECCProductID | Description |
|-----------------------------|---|
| EEX_FE_NATGAS_TTF | Futures expiry of EEX TTF Natural Gas Futures |
| EEX_FE_NATGAS_ZEE | Futures expiry of EEX ZEE Natural Gas Futures |
| EEX_FE_NATGAS_ZTP | Futures expiry of EEX ZTP Natural Gas Futures |
| EEX_FE_PHELIX_D/A | Futures expiry of German/Austrian Futures |
| EEX_FE_POTATO_EPP | Futures expiry of European Processing Potato Futures |
| EEX_FE_POWER_AMP | Futures expiry of German Power Futures |
| EEX_FE_POWER_APG | Futures expiry of Austrian Power Futures |
| EEX_FE_POWER_RTE | Futures expiry of French Power Futures |
| EEX_FS_EXCHANGE_FEE_EUR | Product Group for fee settlement of EEX exchange fees in EUR |
| EEX_FS_EXCHANGE_FEE_EUR | Product Group for fee settlement of EEX exchange fees in EUR |
| EEX_FS_EXCHANGE_FEE_GAS_EUR | Product Group for fee settlement of EEX exchange fees in EUR |
| EEX_FS_EXCHANGE_FEE_USD | Product Group for fee settlement of EEX exchange fees in USD |
| EEX_FT_API_ARA_USD | Futures trade at EEX in API 2 CIF ARA Coal Futures |
| EEX_FT_API_RB_USD | Futures trade at EEX in API 4 FOB Richards Bay Coal Futures |
| EEX_FT_BIOMASS_CIF_ARA | Futures trade at EEX in Wood Pellets CIF ARA Futures |
| EEX_FT_CER_DMS | Futures trade at EEX in Futures on Certified Emission Reductions |
| EEX_FT_DAIRY_BUTTER | Futures trade at EEX in Butter Futures |
| EEX_FT_DAIRY_LMILK | Futures trade at EEX in European Liquid Milk Futures |
| EEX_FT_DAIRY_SMP | Futures trade at EEX in Skimmed Milk Powder Futures |
| EEX_FT_DAIRY_WHEY | Futures trade at EEX in European Whey Powder Futures |
| EEX_FT_ERU_DMS | Futures trade at EEX in Emission Reduction Unit Futures |
| EEX_FT_EUA4_DMS | Futures trade at EEX in European Carbon Futures (from May 2021) |
| EEX_FT_EUAA4_DMS | Futures trade at EEX in EU Aviation Allowance Futures (from May 2021) |

| ECCProductID | Description |
|------------------------|--|
| EEX_FT_FEFIDX_DWE_RTE | Future trade at EEX in French Day and Weekend Power Futures |
| EEX_FT_FEFIDX_RTE | Futures trade at EEX in FEF Index Futures |
| EEX_FT_FERTILIZER_USD | Futures traded at EEX in Fertilizers |
| EEX_FT_FINGAS_CEGH | Futures trade at EEX CEGH VTP EGSI Natural Gas Futures |
| EEX_FT_FINGAS_DWE_CEGH | Future trade at EEX in CEGH VTP EGSI Day and Weekend Natural Gas Futures |
| EEX_FT_FINGAS_DWE_THE | Future trade at EEX in NCG EGSI Day and Weekend Natural Gas Futures (renaming to THE as of 01.10.2021) |
| EEX_FT_FINGAS_DWE_TTF | Future trade at EEX in TTF EGSI Day and Weekend Natural Gas Futures |
| EEX_FT_FINGAS_THE | Futures trade at EEX NCG EGSI Natural Gas Futures (renaming to THE as of 01.10.2021) |
| EEX_FT_FINGAS_TTF | Futures trade at EEX TTF EGSI Natural Gas Futures |
| EEX_FT_FINGAS_W_CEGH | Future trade at EEX in CEGH VTP EGSI Day and Week Natural Gas Futures |
| EEX_FT_FINGAS_W_THE | Future trade at EEX in NCG EGSI Day and Week Natural Gas Futures (renaming to THE as of 01.10.2021) |
| EEX_FT_FINGAS_W_TTF | Future trade at EEX in TTF EGSI Day and Week Natural Gas Futures |
| EEX_FT_FREIGHT_CS_USD | Futures traded at EEX in Dry Bulk Voyage Route Freight |
| EEX_FT_FREIGHT_PM_USD | Futures traded at EEX in Dry Bulk Trip Time Charter Freight |
| EEX_FT_FREIGHT_TC_USD | Futures traded at EEX in Dry Bulk Time Charter Freight |
| EEX_FT_GO_ALP_DMS | Futures trade at EEX in Futures on Guarantees of Origin Alpine Hydro Power |
| EEX_FT_GO_CON_DMS | Futures trade at EEX in Futures on Guarantees of Origin Northern Continental Europe Wind Power |
| EEX_FT_GO_NOR_DMS | Futures trade at EEX in Futures on Guarantees of Origin Nordic Hydro Power |
| EEX_FT_IRONORE_USD | Futures trade at EEX in Iron Ore Futures |
| EEX_FT_LNG_JKM | Futures trade at EEX in JKM LNG Futures |
| EEX_FT_MEAT_HOG | Futures trade at EEX in Hog Futures |

| ECCProductID | Description |
|-----------------------|---|
| EEX_FT_MEAT_PIGLET | Futures trade at EEX in Piglet Futures |
| EEX_FT_NATGAS_CEGH | Futures trade at CEGH Natural Gas Futures (VTP CEGH) |
| EEX_FT_NATGAS ETF | Futures trade at EEX in ETF Natural Gas Futures |
| EEX_FT_NATGAS_GPL | Futures trade at EEX in GPL Natural Gas Futures (delisting per 01.10.2021) |
| EEX_FT_NATGAS_GPL_OTF | Futures trade at EEX in GPL Natural Gas OTF Futures (delisting per 01.10.2021) |
| EEX_FT_NATGAS_NBP | Future trade at EEX in NBP Natural Gas Futures |
| EEX_FT_NATGAS_NBP_OTF | Future trade at EEX in NBP Natural Gas Futures non- MTF |
| EEX_FT_NATGAS_NCG | Futures trade at EEX in NCG Natural Gas Futures (delisting per 01.10.2021. later THE) |
| EEX_FT_NATGAS_NCG_OTF | Futures trade at EEX in NCG Natural Gas OTF Futures (delisting per 01.10.2021. later THE) |
| EEX_FT_NATGAS_THE | Futures trade at EEX in THE Natural Gas Futures (active from 01.10.2021, former NCG) |
| EEX_FT_NATGAS_THE_OTF | Futures trade at EEX in THE Natural Gas OTF Futures (active from 01.10.2021, former NCG) |
| EEX_FT_NATGAS_OTE | Futures trade at EEX in Czech OTE Natural Gas Futures |
| EEX_FT_NATGAS_PEG | Futures trade at EEX in PEG Natural Gas Futures |
| EEX_FT_NATGAS_PEG_OTF | Futures trade at EEX in PEG Nord Natural Gas Futures OTF |
| EEX_FT_NATGAS_PSV | Futures trade at EEX in PSV Natural Gas Futures |
| EEX_FT_NATGAS_PSV_OTF | Futures trade at EEX in PSV Natural Gas OTF Futures |
| EEX_FT_NATGAS_PVB | Futures trade at EEX in PVB Natural Gas Futures |
| EEX_FT_NATGAS_TTF | Futures trade at EEX in TTF Natural Gas Futures |
| EEX_FT_NATGAS_TTF_OTF | Futures trade at EEX in TTF Natural Gas OTF Futures |
| EEX_FT_NATGAS_ZEE | Futures trade at EEX in ZEE Natural Gas Futures |
| EEX_FT_NATGAS_ZEE_OTF | Futures trade at EEX in ZEE Natural Gas OTF Futures |
| EEX_FT_NATGAS_ZTP | Futures trade at EEX in ZTP Natural Gas Futures |

| ECCProductID | Description |
|------------------------|--|
| EEX_FT_NATGAS_ZTP_OTF | Futures trade at EEX in ZTP Natural Gas OTF Futures |
| EEX_FT_PHELIX_D/A | Futures trade at EEX in German/Austrian Futures |
| EEX_FT_POTATO_EPP | Futures trade at EEX in European Processing Potato Futures |
| EEX_FT_POWER_AT_OTF | Futures trade at EEX in EEX Austrian Power OTF Futures |
| EEX_FT_POWER_BG | Future trade at EEX in Bulgarian Power Futures |
| EEX_FT_POWER_CH | Future trade at EEX in Swiss Power Futures |
| EEX_FT_POWER_CZ | Future trade at EEX in Czech Power Futures |
| EEX_FT_POWER_DE/AT_OTF | Futures trade at EEX in EEX German/Austrian Power OTF Futures |
| EEX_FT_POWER_DE_OTF | Futures trade at EEX in EEX German Power OTF Futures |
| EEX_FT_POWER_DWE_AT | Future trade at EEX in Austrian Day and Weekend Power Futures |
| EEX_FT_POWER_DWE_CH | Future trade at EEX in Swiss Day and Weekend Power Futures |
| EEX_FT_POWER_DWE_CZ | Future trade at EEX in Czech Day and Weekend Power Futures |
| EEX_FT_POWER_DWE_ES | Future trade at EEX in Spanish Day and Weekend Power Futures |
| EEX_FT_POWER_DWE_HU | Future trade at EEX in Hungarian Day and Weekend Power Futures |
| EEX_FT_POWER_DWE_IT | Future trade at EEX in Italian Day and Weekend Power Futures |
| EEX_FT_POWER_DWE_TNT | Future trade at EEX in Dutch Day and Weekend Power Futures |
| EEX_FT_POWER_ELEX | Future trade at EEX in EEX GB Power Futures |
| EEX_FT_POWER_ELIA | Future trade at EEX in Belgian Power Futures |
| EEX_FT_POWER_ES | Future trade at EEX in Spanish Power Futures |
| EEX_FT_POWER_FR_OTF | Futures trades at EEX in EEX French Power OTF Futures |
| EEX_FT_POWER_GR | Future trade at EEX in Greek Power Futures |
| EEX_FT_POWER_HU | Future trade at EEX in Hungarian Power Futures |
| EEX_FT_POWER_IT | Future trade at EEX in Italian Power Futures |

| ECCProductID | Description |
|-------------------------|--|
| EEX_FT_POWER_JP | Future trade at EEX in Japanese Power Futures |
| EEX_FT_POWER_PL | Future trade at EEX in Polish Power Futures |
| EEX_FT_POWER_RO | Future trade at EEX in Romanian Power Futures |
| EEX_FT_POWER_RS | Futures trades at EEX in Serbian Power Futures |
| EEX_FT_POWER_RTE | Futures trades at EEX in EEX French Power Futures |
| EEX_FT_POWER_SI | Future trade at EEX in Slovenian Power Futures |
| EEX_FT_POWER_SK | Future trade at EEX in Slovakian Power Futures |
| EEX_FT_POWER_SYS | Future trade at EEX in Nordic Power Futures |
| EEX_FT_POWER_TNT | Future trade at EEX in Dutch Power Futures |
| EEX_IT_NATGAS_CEGH | Within-day and next hour trade at EEX on natural gas with delivery at the VTP CEGH |
| EEX_IT_NATGAS_CPEG | Within-day trade at EEX on natural gas with delivery for PEG Congestion management |
| EEX_IT_NATGAS ETF | Within-day trade at EEX on natural gas with delivery at the VTP ETF |
| EEX_IT_NATGAS_GPL | Within-day and next hour trade and next hour at EEX on natural gas with delivery in the GASPOOL area |
| EEX_IT_NATGAS_GPLH | Within-day and next hour trade at EEX on natural H-gas with delivery in the GASPOOL area |
| EEX_IT_NATGAS_GPLL | Within-day trade at EEX on natural L-gas with delivery in the GASPOOL area |
| EEX_IT_NATGAS_LPEG | Locational Within-day trade at EEX on natural gas with delivery for PEG |
| EEX_IT_NATGAS_NBP | Within-day trade at EEX on natural gas in the NBP area |
| EEX_IT_NATGAS_NCG | Within-day and next hour trade at EEX on natural gas with delivery in the NCG area |
| EEX_IT_NATGAS_NCGH | Within-day and next hour trade at EEX on natural H-gas with delivery in the NCG area |
| EEX_IT_NATGAS_NCGL | Within-day and next hour trade at EEX on natural L-gas with delivery in the NCG area |
| EEX_IT_NATGAS_NCGL_EAST | Within-day trade at EEX on natural gas with delivery in the NCG-L EAST area |
| EEX_IT_NATGAS_NCGL_WEST | Within-day trade at EEX on natural gas with delivery in the NCG-L WEST area |

| ECCProductID | Description |
|--------------------------|---|
| EEX_IT_NATGAS_PEG | Within-day trade at EEX on natural gas with delivery for PEG |
| EEX_IT_NATGAS_PVB | Within-day trade at EEX on natural gas with delivery for PVB |
| EEX_IT_NATGAS_TIGF | Within-day trade at EEX on natural gas in the TIGF area |
| EEX_IT_NATGAS_THE | Within-day trade at EEX THE Global Natural Gas with delivery for THE |
| EEX_IT_NATGAS_THE_H | Within-day trade at EEX THE-H North Natural Gas with delivery for THE_H |
| EEX_IT_NATGAS_THE_L | Within-day trade at EEX THE-L Natural Gas Spot with delivery for THE_L |
| EEX_IT_NATGAS_THE_LEAST | Within-day trade at EEX THE-L East Natural Gas with delivery for THE_LEAST |
| EEX_IT_NATGAS_THE_LNORTH | Within-day trade at EEX THE-L North Natural Gas with delivery for THE_LNORTH |
| EEX_IT_NATGAS_THE_LWEST | Within-day trade at EEX THE-L West Natural Gas with delivery for THE_LWEST |
| EEX_IT_NATGAS_THE_NH | Within-day trade at EEX THE-North-H Natural Gas with delivery for THE_NH |
| EEX_IT_NATGAS_THE_NHC | Within-day trade at EEX THE-North-H Cluster Natural Gas with delivery for THE_NHC |
| EEX_IT_NATGAS_THE_NHV_BE | Within-day trade at EEX THE-North-H-VIP-BE Natural Gas with delivery for THE_NHV_BE |
| EEX_IT_NATGAS_THE_NHV_NL | Within-day trade at EEX THE-North-H-VIP-NL Natural Gas with delivery for THE_NHV_NL |
| EEX_IT_NATGAS_THE_NL | Within-day trade at EEX THE-North-L Natural Gas with delivery for THE_NL |
| EEX_IT_NATGAS_THE_SH | Within-day trade at EEX THE-South-H Natural Gas with delivery for THE_SH |
| EEX_IT_NATGAS_THE_SHC | Within-day trade at EEX THE-South-H-Cluster Natural Gas with delivery for THE_SHC |
| EEX_IT_NATGAS_THE_SHV_BE | Within-day trade at EEX THE-South-H-VIP-BE Natural Gas with delivery for THE_SHV_BE |
| EEX_IT_NATGAS_THE_SHV_NL | Within-day trade at EEX THE-South-H-VIP-NL Natural Gas with delivery for THE_SHV_NL |
| EEX_IT_NATGAS_THE_SL | Within-day trade at EEX THE-South-L Natural Gas with delivery for THE_SL |
| EEX_IT_NATGAS_TTF | Within-day trade at EEX on natural gas with delivery in the TTF area |

| ECCProductID | Description |
|-----------------------|---|
| EEX_IT_NATGAS_ZEE | Within-day trade at EEX on natural H-gas in the Fluxys area on ZEE |
| EEX_IT_NATGAS_ZTP | Within-day trade at EEX on natural H-gas in the Fluxys area on ZTP |
| EEX_IT_NATGAS_ZTPL | Within-day trade at EEX on natural L-gas in the Fluxys area on ZTP |
| EEX_OT_EUA4_DMS | Options trade at EEX in European Carbon Options (from January 2021) |
| EEX_OT_FEFIDX RTE | Options trade at EEX in French Options |
| EEX_OT_FREIGHT_TC_USD | Options trade at EEX in Dry Bulk Time Charter Freight Options |
| EEX_OT_IRONORE_USD | Options trade at EEX in Iron Ore Options |
| EEX_OT_NATGAS_TTF | Option trade at EEX in TTF Natural Gas Options |
| EEX_OT_PHELIX_D/A | Options trade at EEX in German/Austrian Options |
| EEX_OT_POWER_ES | Options trade at EEX in Spanish Options |
| EEX_OT_POWER_IT | Options trade at EEX in Italian Options |
| EEX_OT_POWER_SYS | Options trade at EEX in Nordic Options |
| EEX_ST_CER_DMS | Spot trade at EEX on (Grey) Certified Emission Reductions |
| EEX_ST_EUA4_DMS | Spot trade at EEX on EU Emission Allowances for EU ETS period 2021 - 2030 |
| EEX_ST_EUAA4_DMS | Spot trade at EEX on EU Aviation Allowances for EU ETS period 2021 - 2030 |
| EEX_ST_GCER_DMS | Spot trade at EEX on Green Certified Emission Reductions |
| EEX_ST_GOFR_NRGO | Day-Ahead Spot trade at EEX on Guarantees of Origin at French National Registry |
| EEX_ST_NATGAS_CEGH | Day-Ahead trade at EEX on natural gas with delivery at the VTP CEGH |
| EEX_ST_NATGAS ETF | Day-Ahead spot trade at EEX on natural gas with delivery at the VTP ETF |
| EEX_ST_NATGAS_GPL | Within-day trade at EEX on natural gas with delivery in the GASPOOL area |
| EEX_ST_NATGAS_GPLH | Within-day trade at EEX on natural H-gas with delivery in the GASPOOL area |
| EEX_ST_NATGAS_GPLL | Day-Ahead trade at EEX on natural L-gas with delivery in the GASPOOL area |

| ECCProductID | Description |
|--------------------------|---|
| EEX_ST_NATGAS_LPEG | Locational Spot trade at EEX on natural gas in the PEG area |
| EEX_ST_NATGAS_NBP | Spot trade at EEX on natural gas in the NBP area |
| EEX_ST_NATGAS_NCG | Day-Ahead spot trade at EEX on natural gas with delivery in the NCG area |
| EEX_ST_NATGAS_NCGH | Day-Ahead spot trade at EEX on natural H-gas with delivery in the NCG area |
| EEX_ST_NATGAS_NCGL | Day-Ahead spot trade at EEX on natural L-gas with delivery in the NCG area |
| EEX_ST_NATGAS_NCGL_EAST | Day-Ahead spot trade at EEX on natural gas with delivery in the NCG-L EAST area |
| EEX_ST_NATGAS_NCGL_WEST | Day-Ahead spot trade at EEX on natural gas with delivery in the NCG-L WEST area |
| EEX_ST_NATGAS_OTE | Day-Ahead spot trade at EEX on natural gas with delivery in the OTE area |
| EEX_ST_NATGAS_PEG | Spot trade at EEX on natural gas in the PEG area |
| EEX_ST_NATGAS_PVB | Spot trade at EEX on natural gas in the PVB area |
| EEX_ST_NATGAS_TIGF | Spot trade at EEX on natural gas in the TIGF area |
| EEX_ST_NATGAS_THE | Day-Ahead spot trade at EEX THE Global Natural Gas with delivery for THE |
| EEX_ST_NATGAS_THE_H | Day-Ahead spot at EEX THE-H North Natural Gas with delivery for THE_H |
| EEX_ST_NATGAS_THE_L | Day-Ahead spot at EEX THE-L Natural Gas Spot with delivery for THE_L |
| EEX_ST_NATGAS_THE_NH | Day-Ahead spot at EEX THE-North-H Natural Gas with delivery for THE_NH |
| EEX_ST_NATGAS_THE_NHC | Day-Ahead spot EEX THE-North-H Cluster Natural Gas with delivery for THE_NHC |
| EEX_ST_NATGAS_THE_NHV_BE | Day-Ahead spot at EEX THE-North-H-VIP-BE Natural Gas with delivery for THE_NHV_BE |
| EEX_ST_NATGAS_THE_NHV_NL | Day-Ahead spot at EEX THE-North-H-VIP-NL Natural Gas with delivery for THE_NHV_NL |
| EEX_ST_NATGAS_THE_NL | Day-Ahead spot EEX THE-North-L Natural Gas with delivery for THE_NL |
| EEX_ST_NATGAS_THE_SH | Day-Ahead spot at EEX THE-South-H Natural Gas with delivery for THE_SH |
| EEX_ST_NATGAS_THE_SHC | Day-Ahead spot at EEX THE-South-H-Cluster Natural Gas with delivery for THE_SHC |

| ECCProductID | Description |
|--------------------------|---|
| EEX_ST_NATGAS_THE_SHV_BE | Day-Ahead spot at EEX THE-South-H-VIP-BE Natural Gas with delivery for THE_SHV_BE |
| EEX_ST_NATGAS_THE_SHV_NL | Day-Ahead spot at EEX THE-South-H-VIP-NL Natural Gas with delivery for THE_SHV_NL |
| EEX_ST_NATGAS_THE_SL | Day-Ahead spot at EEX THE-South-L Natural Gas with delivery for THE_SL |
| EEX_ST_NATGAS_TTF | Day-Ahead spot trade at EEX on natural gas with delivery in the TTF area |
| EEX_ST_NATGAS_ZEE | Spot trade at EEX on natural H-gas in the Fluxys area on ZEE |
| EEX_ST_NATGAS_ZTP | Spot trade at EEX on natural H-gas in the Fluxys area on ZTP |
| EEX_ST_NATGAS_ZTPL | Spot trade at EEX on natural L-gas in the Fluxys area on ZTP |
| EEX_ST_NEHS2021_UBA | Spot trade at EEX on Fuel Emission Allowances for 2021 |
| EEX_ST_NEHS2022_UBA | Spot trade at EEX on Fuel Emission Allowances for 2022 |
| EEX_ST_NEHS2023_UBA | Spot trade at EEX on Fuel Emission Allowances for 2023 |
| EEX_ST_NEHS2024_UBA | Spot trade at EEX on Fuel Emission Allowances for 2024 |
| EEX_ST_NEHS2025_UBA | Spot trade at EEX on Fuel Emission Allowances for 2025 |
| EPEX_FS_EXCHANGE_FEE_EUR | Product Group for fee settlement of EPEX exchange fees in EUR |
| EPEX_FS_EXCHANGE_FEE_GBP | Product Group for fee settlement of EPEX exchange fees in GBP |
| EPEX_IT_POWER_50HZ | Intraday continuous trade at EPEX on power with delivery in the 50Hz area |
| EPEX_IT_POWER_AMP | Intraday continuous trade at EPEX on power with delivery in the Am- prion area |
| EPEX_IT_POWER_APG | Intraday continuous trade at EPEX on power with delivery in the APG |
| EPEX_IT_POWER_DK1 | Intraday trade at EPEX on power with delivery in the Energinet area |
| EPEX_IT_POWER_DK2 | Intraday trade at EPEX on power with delivery in the Energinet area |
| EPEX_IT_POWER_ELEX | Intraday continuous trade at EPEX on power with delivery in the Na- tional Grid / Elexon area |

| ECCProductID | Description |
|---------------------|--|
| EPEX_IT_POWER_ELIA | Intraday continuous trade at EPEX on power with delivery in the Elia area |
| EPEX_IT_POWER_ENBW | Intraday trade at EPEX on power with delivery in the EnBW area |
| EPEX_IT_POWER_FIN | Intraday trade at EPEX on power with delivery in the Energinet area |
| EPEX_IT_POWER_NO1 | Intraday trade at EPEX on power with delivery in the Statnett area |
| EPEX_IT_POWER_NO2 | Intraday trade at EPEX on power with delivery in the Statnett area |
| EPEX_IT_POWER_NO3 | Intraday trade at EPEX on power with delivery in the Statnett area |
| EPEX_IT_POWER_NO4 | Intraday trade at EPEX on power with delivery in the Statnett area |
| EPEX_IT_POWER_NO5 | Intraday trade at EPEX on power with delivery in the Svenska Kraftnät area |
| EPEX_IT_POWER_RTE | Intraday trade at EPEX on power with delivery in the RTE area |
| EPEX_IT_POWER_SE1 | Intraday trade at EPEX on power with delivery in the Svenska Kraftnät area |
| EPEX_IT_POWER_SE2 | Intraday trade at EPEX on power with delivery in the Svenska Kraftnät area |
| EPEX_IT_POWER_SE3 | Intraday trade at EPEX on power with delivery in the Svenska Kraftnät area |
| EPEX_IT_POWER_SE4 | Intraday trade at EPEX on power with delivery in the Fingrid area |
| EPEX_IT_POWER_SGD | Intraday trade at EPEX on power with delivery in the SwissGrid area |
| EPEX_IT_POWER_TNT | Intraday continuous trade at EPEX NL on power with delivery in the TenneT area (NL) |
| EPEX_IT_POWER_TNTG | Intraday continuous trade at EPEX on power with delivery in the TenneT TSO GmbH area (Germany) |
| EPEX_IT0_POWER_ELEX | Intraday auction trade at EPEX on power with delivery in the National Grid / Elexon area |
| EPEX_IT1_POWER_50HZ | Intraday auction trade at EPEX on power with delivery in the 50Hz area |
| EPEX_IT1_POWER_AMP | Intraday auction trade at EPEX on power with delivery in the Am- prion area |
| EPEX_IT1_POWER_APG | Intraday auction trade at EPEX on power with delivery in the APG |

| ECCProductID | Description |
|---------------------|---|
| EPEX_IT1_POWER_ELEX | Intraday Auction Trade No.1 at EPEX on power with delivery in the National Grid/Elexon area (coupled) |
| EPEX_IT1_POWER_ELIA | Intraday auction trade at EPEX on power with delivery in the Elia area |
| EPEX_IT1_POWER_ENBW | Intraday auction trade at EPEX on power with delivery in the EnBW area |
| EPEX_IT1_POWER_RTE | Intraday auction trade at EPEX on power with delivery in the RTE area |
| EPEX_IT1_POWER_SGD | Intraday Auction Trade No.1 at EPEX on power with delivery in the Swissgrid area |
| EPEX_IT1_POWER_TNT | Intraday auction trade at EPEX NL on power with delivery in the TenneT area (NL) |
| EPEX_IT1_POWER_TNTG | Intraday auction trade at EPEX on power with delivery in the TenneT TSO GmbH area (Germany) |
| EPEX_IT2_POWER_ELEX | Intraday Auction Trade No.2 at EPEX on power with delivery in the National Grid/Elexon area (coupled) |
| EPEX_IT2_POWER_SGD | Intraday Auction Trade No.2 at EPEX on power with delivery in the Swissgrid area |
| EPEX_ST_POWER_50HZ | Spot trade at EPEX on power with delivery in the 50 Hertz area |
| EPEX_ST_POWER_AMP | Spot trade at EPEX on power with delivery in the Amprion area |
| EPEX_ST_POWER_APG | Spot trade at EPEX on power with delivery in the APG area |
| EPEX_ST_POWER_DK1 | Spot trade at EPEX on power with delivery in the Energinet area |
| EPEX_ST_POWER_DK2 | Spot trade at EPEX on power with delivery in the Energinet area |
| EPEX_ST_POWER_ELEX | Spot trade at EPEX on power with delivery in the National Grid / Elexon area |
| EPEX_ST_POWER_ELIA | Spot trade at EPEX on power with delivery in the Elia System Operator S.A. area |
| EPEX_ST_POWER_ENBW | Spot trade at EPEX on power with delivery in the EnBW area |
| EPEX_ST_POWER_FIN | Spot trade at EPEX on power with delivery in the Fingrid area |
| EPEX_ST_POWER_NO1 | Spot trade at EPEX on power with delivery in the Statnett area |
| EPEX_ST_POWER_NO2 | Spot trade at EPEX on power with delivery in the Statnett area |

| ECCProductID | Description |
|----------------------------|--|
| EPEX_ST_POWER_NO3 | Spot trade at EPEX on power with delivery in the Statnett area |
| EPEX_ST_POWER_NO4 | Spot trade at EPEX on power with delivery in the Statnett area |
| EPEX_ST_POWER_NO5 | Spot trade at EPEX on power with delivery in the Statnett area |
| EPEX_ST_POWER_PSE | Spot trade at EPEX on power with delivery in the PSE area |
| EPEX_ST_POWER_RTE | Spot trade at EPEX on power with delivery in the RTE area |
| EPEX_ST_POWER_SE1 | Spot trade at EPEX on power with delivery in the Svenska Kraftnät area |
| EPEX_ST_POWER_SE2 | Spot trade at EPEX on power with delivery in the Svenska Kraftnät area |
| EPEX_ST_POWER_SE3 | Spot trade at EPEX on power with delivery in the Svenska Kraftnät area |
| EPEX_ST_POWER_SE4 | Spot trade at EPEX on power with delivery in the Svenska Kraftnät area |
| EPEX_ST_POWER_SGD | Spot trade at EPEX on power with delivery in the SwissGrid area |
| EPEX_ST_POWER_TNT | Spot trade at EPEX NL on power with delivery in the TenneT TSO B.V. area |
| EPEX_ST_POWER_TNTG | Spot trade at EPEX on power with delivery in the TenneT TSO GmbH area |
| EPEXBE_FS_CLEARING_FEE_EUR | Product Group for fee settlement of EPEX SPOT Belgium clearing fees in EUR |
| EPEXBE_FS_EXCHANGE_FEE_EUR | Product Group for fee settlement of EPEX SPOT Belgium exchange fees in EUR |
| HUDX_FT_POWER_DWE_HU | Future trade at HUDX in Hungarian Day and Weekend Power Futures |
| HUDX_FT_POWER_HU | Future trade at HUDX in Hungarian Power Futures |
| HUPX_IT_POWER_MVR | Intraday trade at HUPX on power with delivery in the MAVIR area |
| HUPX_ST_POWER_MVR | Day-Ahead spot trade at HUPX on power with delivery in the MAVIR area |
| NXE_FS_EXCHANGE_FEE_EUR | Product Group for fee settlement of NXE exchange fees in EUR |
| NXE_FT_PAPER_OCCEU | Future trade at NOREXECO in Recycled Paper Fastmarket FOEX PIX OCC 1.04 Europe Futures |

| ECCProductID | Description |
|---------------------------|---|
| NXE_FT_PULP_BHKP | Future trade at NOREXECO in BHKP Pulp Futures |
| NXE_FT_PULP_NBSK | Future trade at NOREXECO in NBSK Pulp Futures |
| NXE_FT_PULP_SHAUS | Future trade at NOREXECO in Shanghai Pulp Futures |
| PXE_CS_POWER_OTE | Fee for cash settlement of PXE spot trades |
| SEEPEX_ST_POWER_EMS | Day-Ahead spot trade at SEEPEX on power with delivery in the EMS area |
| SEMOPX_FF_ACERREMIT_EGRD | ACER Remit Fee EirGrid |
| SEMOPX_FF_ACERREMIT_SONI | ACER Remit Fee SONI |
| SEMOPX_FF_ADD_1_EGRD | Additional Fee 1 EirGrid |
| SEMOPX_FF_ADD_1_SONI | Additional Fee 1 SONI |
| SEMOPX_FF_ANNUAL_EGRD | Annual Membership Fee EirGrid |
| SEMOPX_FF_ANNUAL_SONI | Annual Membership Fee SONI |
| SEMOPX_FF_ARANNUAL_EGRD | AOLR Annual Service Fee EirGrid |
| SEMOPX_FF_ARANNUAL_SONI | AOLR Annual Service Fee SONI |
| SEMOPX_FF_AREENTRY_EGRD | AOLR Entry Fee SONI |
| SEMOPX_FF_AREENTRY_SONI | AOLR Entry Fee EirGrid |
| SEMOPX_FF_ARVARIABLE_EGRD | AOLR Volume Based Fee EirGrid |
| SEMOPX_FF_ARVARIABLE_SONI | AOLR Volume Based Fee SONI |
| SEMOPX_FF_DISCOUNT_EGRD | Discount Fee EirGrid |
| SEMOPX_FF_DISCOUNT_SONI | Discount Fee SONI |
| SEMOPX_FF_ENTRY_SONI | Entry Fee SONI |
| SEMOPX_FF_ENTRY_EGRD | Entry Fee EirGrid |
| SEMOPX_FF_TECHNICAL_EGRD | Technical Fee EirGrid |
| SEMOPX_FF_TECHNICAL_SONI | Technical Fee SONI |
| SEMOPX_FF_TRADERECL_EGRD | Trade Recall Fee EirGrid |
| SEMOPX_FF_TRADERECL_SONI | Trade Recall Fee SONI |
| SEMOPX_IT_POWER_EGRD | Irish Power Intraday SEM (Continuous) |
| SEMOPX_IT_POWER_SONI | Northern Irish Power Intraday SEM (Continuous) |
| SEMOPX_IT1_POWER_EGRD | Irish Power Intraday No.1SEM |

| ECCProductID | Description |
|-----------------------|---|
| SEMOPX_IT1_POWER_SONI | Northern Irish Power Intraday No.1 SEM |
| SEMOPX_IT2_POWER_EGRD | Irish Power Intraday No.2 SEM |
| SEMOPX_IT2_POWER_SONI | Northern Irish Power Intraday No.2 SEM |
| SEMOPX_IT3_POWER_EGRD | Irish Power Intraday No.3 SEM |
| SEMOPX_IT3_POWER_SONI | Northern Irish Power Intraday No.3 SEM |
| SEMOPX_ST_POWER_EGRD | Irish Power Day-Ahead SEM |
| SEMOPX_ST_POWER_SONI | Northern Irish Power Day-Ahead SEM |
| SHIP_IT_POWER_50HZ | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_AMP | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_APG | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_DK1 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_DK2 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_ELIA | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_ENBW | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_FIN | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_NO1 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_NO2 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_NO3 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_NO4 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_NO5 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_RTE | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_SE1 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_SE2 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_SE3 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_SE4 | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_TNT | Technical construction for CCP shipper purposes |
| SHIP_IT_POWER_TNTG | Technical construction for CCP shipper purposes |
| SHIP_ST_POWER_ELIA | Technical construction for CCP shipper purposes |
| SHIP_ST_POWER_TNT | Technical construction for CCP shipper purposes |

4.2.TransactionType

| TransactionType | Description |
|-----------------|---|
| CS | Financial Settlement of Spot Market Transactions |
| DF | Discount Futures Market Transactions |
| DS | Discount Spot Market Transactions |
| FE | Settlement of Futures Expiries |
| FS | Fee settlement |
| FT | Clearing of Futures Trades |
| II | Internal Instruction |
| IS | Invoice Settlement |
| IT | Settlement of Intraday/Within-day Trades |
| IT0 | Settlement of first Intraday Auction (National Grid/Elexon) |
| IT1 | Settlement of first Intraday Auction |
| IT2 | Settlement of second Intraday Auction |
| IT3 | Settlement of third Intraday Auction |
| OE | Settlement of Options Exercises |
| OT | Clearing of Options Trades |
| ST | Settlement of Spot Trades |

4.3.Commodity

| Commodity | Description |
|-----------|--|
| API | Coal (financial) |
| CER | (Grey) Certified Emissions Reductions |
| CLEARING | Clearing (fees) |
| DAIRY | Dairy |
| ERU | Emission Reduction Units |
| EUA4 | European Emission Allowances for EU ETS period 2021 – 2030 |
| EUAA4 | EU Aviation Allowances for EU ETS period 2021 – 2030 |
| EXCHANGE | Exchange (fees) |
| FEFIDX | French Electricity Futures Index |

| Commodity | Description |
|--------------------------|---|
| FERTILIZER | Fertilizer |
| FREIGHT | Dry Bulk Freight |
| GCER | Green Certified Emissions Reductions |
| GOFR | French Guarantees of Origin |
| GUARANTEE_XXXX_EUR_DMS | Guarantee provided from an accepted guarantor-guarantee amount will be booked at the collateral account |
| HLDNG_CASH_CAP_EUR | Credit limit given in currency Euro determining the total trading limit |
| HLDNG_CASH_FUND_EUR | Clearing fund contribution in cash deposited at ECC and booked at the collateral account in currency Euro |
| HLDNG_CASH_MRGN_EUR | Cash deposited at ECC and booked at the collateral account and in currency Euro |
| HLDNG_DEFER_MRGN_EUR | Cash deposited at ECC and booked at the collateral account and in currency Euro according to the deferred margin procedure. |
| IRONORE | Iron Ore |
| HLDNG_CASH_WHPNS_EUR_DMS | Payment Withholdings for Withinday, Day Ahead or Future contracts with delivery or acceptance of delivery of natural gas |
| LIMIT | ECC Limit Management (fees) |
| MEAT | Meat |
| NATGAS | Natural Gas |
| NEHS2021 – NEHS2025 | Fuel Emission Allowances for 2021 - 2025 |
| PAPER | Recovered Paper |
| PHLIX | German/Austrian Power (financial) |
| POTATO | Potatoes |
| POWER | Electricity |
| PULP | Pulp |
| SECURITY | Collateral management (fees) |
| TCAP | Transport capacity |
| TRANSACTION | hypothetical commodity relating to the Direct Clearing Participant Model |

4.4.DeliveryPoint

| DeliveryPoint | Description |
|---------------|----------------------------|
| 50HZ | 50 Hertz Transmission GmbH |

| DeliveryPoint | Description |
|-----------------|--|
| AMP | Amprion GmbH |
| APG | VERBUND-Austrian Power Grid AG (APG) |
| ARA_USD | Amsterdam, Rotterdam and Antwerpen (US Dollar) |
| AT_OTF | Financial settled Austrian Power Futures for OTF trading |
| BG | Financial settled Bulgarian Power Futures |
| BHKP | Bleached Hardwood Kraft Pulp |
| BUTTER | Butter |
| CEGH | Virtual trading point of the Central European Gas Hub (CEGH) |
| CEGH_OTF | Virtual trading point of the Central European Gas Hub (CEGH) OTF trading |
| CH | Financial settled Swiss Futures |
| CM_BASE_FEE_EUR | Base fee for Clearing Member (as originator of limits) |
| CPEG | Congestion management PEG |
| CS_USD | Dry Bulk Voyage Route Freight (USD) |
| CZ | Financial settled Czech Futures |
| D/A | Financial settled German/Austrian Futures |
| DE/AT_OTF | Financial settled German/Austrian Power Futures for OTF trading |
| DE_OTF | Financial settled German Power Futures for OTF trading |
| DMS | ECC Delivery Management System for emissions and Guarantees of Origin |
| DWE_AT | Settlement of Austrian Day and Weekend Financial Power Derivatives |
| DWE_CEGH | Settlement of CEGH VTP EGSi Day and Weekend Natural Gas Derivatives |
| DWE_CH | Settlement of Swiss Day and Weekend Financial Power Derivatives |
| DWE_CZ | Settlement of Czech Day and Weekend Financial Power Derivatives |
| DWE_ES | Settlement of Spanish Day and Weekend Financial Power Derivatives |
| DWE_HU | Settlement of Hungarian Day and Weekend Financial Power Derivatives |
| DWE_IT | Settlement of Italian Day and Weekend Financial Power Derivatives |
| DWE RTE | Settlement of French Day and Weekend Financial Power Derivatives |
| DWE_THE | Settlement of NCG EGSi Day and Weekend Natural Gas Derivatives |
| DWE_TNT | Settlement of Dutch Day and Weekend Financial Power Derivatives |
| DWE_TTF | Settlement of TTF EGSi Day and Weekend Natural Gas Derivatives |

| DeliveryPoint | Description |
|---------------|--|
| EGRD | EirGrid PLC |
| ELEX | ELEXON Limited |
| ELIA | Elia System Operator N.V. |
| EMS | PE Elektromreža Srbije |
| ENBW | EnBW Transportnetze AG |
| EPP | European Processing Potato |
| ES | Settlement of Spanish Financial Power Derivatives |
| ETF | Exchange Transfer Facility operated by Danish TSO Energinet.dk |
| ETF_OTF | Exchange Transfer Facility operated by Danish TSO Energinet.dk for OTF trading |
| FEE_EUR | Fees in EUR |
| FEE_GBP | Fees in GBP |
| FEE_USD | Fees in USD |
| FR_OTF | Financial settled French Power Futures for OTF trading |
| GPL | GASPOOL Balancing Services GmbH |
| GPL_OTF | GASPOOL Balancing Services GmbH for OTF trading |
| GPLH | GASPOOL Balancing Services GmbH for specific H-Gas |
| GPLL | GASPOOL Balancing Services GmbH for specific L-Gas |
| HOG | Hog |
| IT | Settlement of Italian Financial Power Derivatives |
| JP | Settlement of Japanese Financial Power Derivatives |
| LPEG | Locational PEG |
| MVR | MAVIR Hungarian Transmission System Operator Company Ltd. |
| NBP | National Balancing Point |
| NBP_OTF | National Balancing Point for OTF trading |
| NBSK | Northern Bleached Softwood Kraft Pulp |
| NCG | NetConnect Germany GmbH & Co. KG (former EGT) |
| NCG_OTF | NetConnect Germany GmbH & Co. KG (former EGT) for OTF trading |
| NCGH | NetConnect Germany GmbH & Co. KG (former EGT) for specific H-Gas |

| DeliveryPoint | Description |
|------------------|---|
| NCGL | NetConnect Germany GmbH & Co. KG (former EGT) for specific L-Gas |
| NCGL_EAST | NCG-L EAST |
| NCGL_WEST | NCG-L WEST |
| NCM_BASE_FEE_EUR | Base fee for Non-Clearing Member (as originator of limits) |
| NRGO | Guarantees of Origin at French National Registry |
| OCCEU | FOEX PIX OCC 1.04 Europe |
| OTE | Czech electricity and gas market operator |
| PEG | Virtual hub/title transfer point managed by GRTgaz and Teréga SA |
| PEG_OTF | PEG for OTF trading |
| PIGLET | Piglets |
| PL | Poland (Financially settled Polish Power Futures) |
| PM_USD | Dry Bulk Trip Time Charter Freight(USD) |
| PSE | Poland (Physically settled Power Spot Products) |
| PSV | Punto do Scambio Virtuale |
| PSV_OTF | Punto do Scambio Virtuale for OTF trading |
| PVB | Virtual trading point Punto Virtual de Balance – España (PVB-ES) managed by ENAGAS GTS S.A.U. |
| RB_USD | Richards Bay (US Dollar) |
| RO | Financially settled Romanian Power Futures |
| RS | Financial settled Serbian Power Futures |
| RTE | Réseau de Transport d'Electricité |
| SGD | Swissgrid AG |
| SHAUS | Shanghai Pulp |
| SI | Financial settled Slovenian Power Futures |
| SMP | Skimmed Milk Powder |
| SONI | SONI Ltd. |
| SYS | Settlement of Nordic Financial Power Derivatives |
| TC_USD | Dry Bulk Time Charter Freight (USD) |
| TIGF | TIGF |

| DeliveryPoint | Description |
|---------------|---|
| TNT | TenneT TSO B.V. |
| TNTG | TenneT TSO GmbH |
| THE | Trading Hub Europe |
| TTF | Title Transfer Facility |
| TTF_OTF | Title Transfer Facility for OTF trading |
| UBA | German Federal Environment Agency (Umweltbundesamt) |
| USAGE_FEE_EUR | Administrative fee per limit (for the originator of limits) |
| USD | US Dollar |
| W_CEGH | Settlement of CEGH VTP EGSI Day and Weekend Natural Gas Derivatives |
| W_THE | Settlement of NCG EGSI Day and Weekend Natural Gas Derivatives |
| W_TTF | Settlement of TTF EGSI Day and Weekend Natural Gas Derivatives |
| WHEY | European Whey Powder |
| ZEE | Zeebrugge Beach |
| ZEE_OTF | Zeebrugge Beach for OTF trading |
| ZTP | Zeebrugge Trading Point for H-Gas |
| ZTP_OTF | Zeebrugge Trading Point for H-Gas for OTF trading |
| ZTPL | Zeebrugge Trading Point for L-Gas |

4.5.UOM (Unit of Measurement)

| UoM | Description |
|-----|-----------------|
| DAY | Day |
| EUR | Euro |
| GBP | British Pounds |
| h | hours |
| kg | Kilo gram |
| MWh | mega watt hours |
| pc | piece |
| t | metric tones |
| thm | therms |

| UoM | Description |
|-----|-------------|
| USD | US Dollar |

4.6.Exchange OTC

| Exchange/ OTC | Description |
|---------------|------------------|
| O | Registered trade |
| X | Exchange trade |

4.7.Payment Group

| PaymentGroup | Description |
|--------------|--|
| EUR_1600 | Payment group for all day-ahead and intra-day trades on power, natural gas and emission allowances as well as physical Futures during delivery period. |
| EUR_FEE | Payment group for clearing and exchange fees in EUR settled via ECC |
| GBP_1600 | Payment group for settlement of expired EEX GB Power Futures in GBP and physical Futures during delivery period. |
| GBP_FEE | Payment group for clearing and exchange fees in GBP settled via ECC |
| JPY_FEE | Payment group for clearing and exchange fees in JPY settled via ECC |
| USD_FEE | Payment group for clearing and exchange fees in USD settled via ECC |

4.8.Emissions Transaction Type

| PaymentGroup | Description |
|-------------------|--|
| Delivery | Physical settlement of emission contracts |
| Lending | ECC transaction in case of late delivery |
| Registry Transfer | Transfer of emissions contracts on registry level (to ECC account or to the registry account of the Trading Participant) |