

## Edigas messages from/to the shippers

Shippers, transporting gas in the Danish offshore gas system, will on an hourly, daily, and monthly basis receive information about its gas transport. This information is primarily sent to the shipper via Edigas messages. Monthly adjustments are informed via e-mail. This memo describes the parameters to be exchanged and the Edigas messages to be used.

### Edigas message: NOMINT

Frequency: when needed (if no nomination has been received for an hour, 0 (zero) will be used)

Content: Shipper's Hourly Nominations

### Edigas message: NOMRES

Frequency: response to Shipper's NOMINT or if nomination(s) has changed due to mismatch, curtailment etc.

Content: Shipper's Approved Nominations

### Edigas message: MARSIT 94G

Frequency: hourly

Content: Shipper's Gas Balance Account ([GBA](#))

### Edigas message: MARSIT 95G

Frequency: hourly

Content:

- Preliminary Hourly Delivery Allocation ([Entry allocation](#))
- Quantity of Gas redelivered per Hour per Shipper Code Pair at the Redelivery Point ([Exit allocation](#))

### Edigas message: MARSIT 14G

Frequency: Daily (on Gas Day D+1). Four separate messages.

Content:

- Imbalance for Gas Day D ([Daily imbalance](#))
- The difference between the Preliminary Daily Delivery Allocations for Gas Day D and the summation of all Preliminary Hourly Delivery Allocations for Gas Day D ([Daily adjustment](#))
  - The quantity will be added to the shipper's gas balance account evenly distributed over all hours in gas day D+3
- Quantities of Storage Gas by the end of Gas Day D ([Storage gas](#))
- Quantities of Surplus Gas by the end of Gas Day D ([Surplus gas](#))

### E-mail

Frequency: Monthly

Content:

- Excel file with the difference between the summation of all Gas Days' Final Delivery Allocations in Month m-1 and the summation of all Preliminary Daily Delivery Allocations in Month m-1
- Excel file with the shipper's allocated part of the Fuel & Flare in the Month m-1
- Excel file with the shipper's allocated part of the Energy Imbalance for Month m-1

In the graphical overview below these are mentioned as [Monthly adjustments](#)

### E-mail

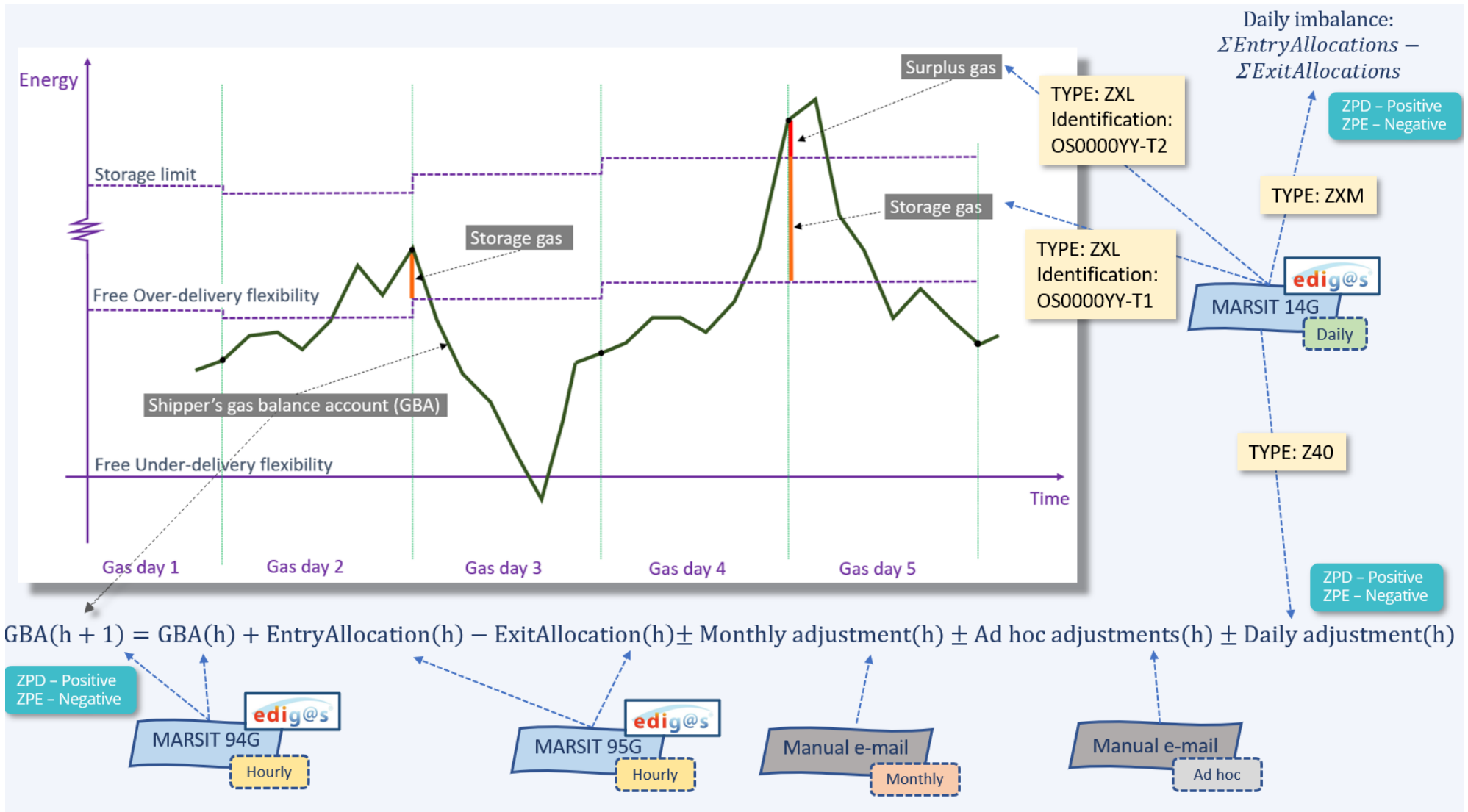
Frequency: Ad hoc

Content: Any unforeseen corrections due to miscommunication, metering errors etc. ([Ad hoc adjustments](#))

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On page 2 is a graphical overview of the main part of the implemented Edigas messages. The terminology used are stated in [blue](#) above.

On page 3 to 11 examples of the implemented Edigas messages are shown (1 message to be sent by the shipper, 8 messages to be sent by DOGS)



NOMINT 01G – Nomination document (shipper's nomination)

```
▼<Nomination_Document xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="urn:easeegas.eu:edigas:nominationandmatching:nominationdocument:5:1" release="2">
  <identification>NOMINT20231128A00135</identification>
  <version>1</version>
  <type>01G</type>
  <creationDateTime>2023-11-27T06:47:11Z</creationDateTime>
  <validityPeriod>2023-11-28T05:00Z/2023-11-29T05:00Z</validityPeriod>
  <contractReference>050000YY-DS0000XX</contractReference>
  <contractType>CT</contractType>
  <issuer_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSH</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification
  codingScheme="305">21X0000000013198</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSO</recipient_MarketParticipant.marketRole.code>
▼<ConnectionPoint>
  <identification codingScheme="305">21Z000000000252</identification>
  <measureUnit.code>KW1</measureUnit.code>
▼<NominationType>
  <type>A01</type>
▼<Account>
  <internalAccount codingScheme="305">050000YY</internalAccount>
  <externalAccount codingScheme="Z50">DS0000XX</externalAccount>
▼<Period>
  <timeInterval>2023-11-28T05:00Z/2023-11-28T06:00Z</timeInterval>
  <direction.code>Z03</direction.code>
  <quantity.amount>100000</quantity.amount>
</Period>
▼<Period>
  <timeInterval>2023-11-28T06:00Z/2023-11-28T07:00Z</timeInterval>
  <direction.code>Z03</direction.code>
  <quantity.amount>100000</quantity.amount>
</Period>
▼<Period>
  <timeInterval>2023-11-28T07:00Z/2023-11-28T08:00Z</timeInterval>
```

NOMRES 08G – Nomination response (response to shipper's nomination)

```

▼<NominationResponse_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="urn:easeegas.eu:edigas:nominationandmatching:nominationresponsedocument:5:1">
  <identification>NOMRES20231001A00001</identification>
  <version>1</version>
  <type>08G</type>
  <creationDateTime>2023-09-30T12:38:28Z</creationDateTime>
  <validityPeriod>2023-10-01T04:00Z/2023-10-02T04:00Z</validityPeriod>
  <contractReference>050000YY</contractReference>
  <contractType>CT</contractType>
  <issuer_MarketParticipant.identification codingScheme="305">21X00000000013198</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>Z50</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  <nomination_Document.identification>NOMINT20231001A00159</nomination_Document.identification>
  <nomination_Document.version>1</nomination_Document.version>
▼<ConnectionPoint>
  <identification codingScheme="305">21Z0000000000252</identification>
  <measureUnit.code>KW1</measureUnit.code>
▼<NominationType>
  <type>A02</type>
▼<Account>
  <internalAccount codingScheme="Z50">050000YY</internalAccount>
  <externalAccount codingScheme="Z50">DS0000XX</externalAccount>
▼<InformationOrigin_TimeSeries>
  <type>16G</type>
▼<Period>
  <timeInterval>2023-10-01T04:00Z/2023-10-02T04:00Z</timeInterval>
  <direction.code>Z03</direction.code>
  <quantity.amount>100000</quantity.amount>
  </Period>
</InformationOrigin_TimeSeries>
</Account>
</NominationType>
</ConnectionPoint>
</NominationResponse_Document>

```

MARSIT 95G – Entry allocation (sent XX:30 hrs. every hour)

```

▼ <MarketSituation_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:easee-
gas.eu:edigas:marketbalancing:marketsituationdocument:5:1:6">
  <identification>MARSIT20231002A00001</identification>
  <version>3</version>
  <type>95G</type>
  <creationDateTime>2023-10-02T06:30:00Z</creationDateTime>
  <validityPeriod>2023-10-02T04:00Z/2023-10-03T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">21X0000000013198</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>Z50</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  ▼ <ConnectionPoint>
    <identification codingScheme="305">ENTRY</identification>
    ▼ <Account>
      <identification codingScheme="Z50">050000YY</identification>
      <type>Z0E</type>
      <externalAccount codingScheme="Z50">ENTRY</externalAccount>
      ▼ <TimeSeries>
        <type>Z01</type>
        <measureUnit.code>KW1</measureUnit.code>
        ▼ <Period>
          <timeInterval>2023-10-02T04:00Z/2023-10-02T06:00Z</timeInterval>
          ▼ <Quantity>
            <direction.code>Z02</direction.code>
            <amount>116000</amount>
          </Quantity>
        </Period>
      </TimeSeries>
    </Account>
  </ConnectionPoint>
</MarketSituation_Document>

```

MARSIT 95G – Exit allocation (sent XX:30 hrs. CET every hour)

```

▼ <MarketSituation_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:easee-
gas.eu:edigas:marketbalancing:marketsituationdocument:5:1:6">
  <identification>MARSIT20231002A00001</identification>
  <version>10</version>
  <type>95G</type>
  <creationDateTime>2023-10-02T09:30:01Z</creationDateTime>
  <validityPeriod>2023-10-02T04:00Z/2023-10-03T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">21X0000000013198</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZS0</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
▼ <ConnectionPoint>
  <identification codingScheme="305">21Z0000000000252</identification>
▼ <Account>
  <identification codingScheme="ZS0">OS0000YY</identification>
  <type>Z0E</type>
  <externalAccount codingScheme="ZS0">DS0000XX</externalAccount>
▼ <TimeSeries>
  <type>Z01</type>
  <measureUnit.code>KW1</measureUnit.code>
▼ <Period>
  <timeInterval>2023-10-02T04:00Z/2023-10-02T09:00Z</timeInterval>
▼ <Quantity>
  <direction.code>Z03</direction.code>
  <amount>120000</amount>
  </Quantity>
</Period>
</TimeSeries>
</Account>
</ConnectionPoint>
</MarketSituation_Document>

```

MARSIT 94G – Gas Balance Account (sent XX:35 hrs. every hour)

```
▼ <MarketSituation_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:easee-
gas.eu:edigas:marketbalancing:marketsituationdocument:5:1:6">
  <identification>MARSIT20231002A00002</identification>
  <version>2</version>
  <type>94G</type>
  <creationDateTime>2023-10-02T06:35:00Z</creationDateTime>
  <validityPeriod>2023-10-02T04:00Z/2023-10-03T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">21X0000000013198</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  ▼ <Account>
    <identification codingScheme="ZSO">OS0000YY</identification>
    <type>ZOE</type>
    ▼ <TimeSeries>
      <type>ZXM</type>
      <measureUnit.code>KW1</measureUnit.code>
      ▼ <Period>
        <timeInterval>2023-10-02T04:00Z/2023-10-02T05:00Z</timeInterval>
        <accountDirection.Code>ZPD</accountDirection.Code>
        <accountDirection.account_Quantity.amount>73819273</accountDirection.account_Quantity.amount>
      </Period>
      ▼ <Period>
        <timeInterval>2023-10-02T05:00Z/2023-10-02T06:00Z</timeInterval>
        <accountDirection.Code>ZPD</accountDirection.Code>
        <accountDirection.account_Quantity.amount>73800962</accountDirection.account_Quantity.amount>
      </Period>
    </TimeSeries>
  </Account>
</MarketSituation_Document>
```

MARSIT 14G – Daily imbalance (sent 09:00 hrs. CET)

```
▼ <MarketSituation_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:easee-
gas.eu:edigas:marketbalancing:marketsituationdocument:5:1:6">
  <identification>MARSIT20231001A00004</identification>
  <version>1</version>
  <type>14G</type>
  <creationDateTime>2023-10-02T07:00:00Z</creationDateTime>
  <validityPeriod>2023-10-01T04:00Z/2023-10-02T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">21X0000000013198</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZS0</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  ▼ <Account>
    <identification codingScheme="ZS0">0S0000YY</identification>
    <type>ZOE</type>
    ▼ <TimeSeries>
      <type>ZXM</type>
      <measureUnit.code>KW2</measureUnit.code>
      ▼ <Period>
        <timeInterval>2023-10-01T04:00Z/2023-10-02T04:00Z</timeInterval>
        <accountDirection.Code>ZPE</accountDirection.Code>
        <accountDirection.account_Quantity.amount>96000</accountDirection.account_Quantity.amount>
      </Period>
    </TimeSeries>
  </Account>
</MarketSituation_Document>
```



MARSIT 14G – Daily adjustment (sent 09:05 hrs. CET)

```

▼ <MarketSituation_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:easee-
gas.eu:edigas:marketbalancing:marketsituationdocument:5:1:6">
  <identification>MARSIT20231001A00004</identification>
  <version>2</version>
  <type>14G</type>
  <creationDateTime>2023-10-02T07:05:00Z</creationDateTime>
  <validityPeriod>2023-10-01T04:00Z/2023-10-02T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">21X0000000013198</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  ▼ <Account>
    <identification codingScheme="ZSO">0S0000YY</identification>
    <type>ZOE</type>
    ▼ <TimeSeries>
      <type>Z40</type>
      <measureUnit.code>KW2</measureUnit.code>
      ▼ <Period>
        <timeInterval>2023-10-01T04:00Z/2023-10-02T04:00Z</timeInterval>
        <accountDirection.Code>ZPE</accountDirection.Code>
        <accountDirection.account_Quantity.amount>0</accountDirection.account_Quantity.amount>
      </Period>
    </TimeSeries>
  </Account>
</MarketSituation_Document>

```

MARSIT 14G – Storage Gas (sent 09:05 hrs. CET)

```
▼ <MarketSituation_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:easee-
gas.eu:edigas:marketbalancing:marketsituationdocument:5:1:6">
  <identification>MARSIT20231001A00004</identification>
  <version>2</version>
  <type>14G</type>
  <creationDateTime>2023-10-02T07:05:00Z</creationDateTime>
  <validityPeriod>2023-10-01T04:00Z/2023-10-02T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">21X0000000013198</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZS0</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  ▼ <Account>
    <identification codingScheme="ZS0">0S000001-T1</identification>
    <type>ZOE</type>
    ▼ <TimeSeries>
      <type>ZXL</type>
      <measureUnit.code>KW2</measureUnit.code>
      ▼ <Period>
        <timeInterval>2023-10-01T04:00Z/2023-10-02T04:00Z</timeInterval>
        <accountDirection.Code>ZPE</accountDirection.Code>
        <accountDirection.account_Quantity.amount>0.0</accountDirection.account_Quantity.amount>
      </Period>
    </TimeSeries>
  </Account>
</MarketSituation_Document>
```

MARSIT 14G – Surplus Gas (sent 09:05 hrs. CET)

```
▼ <MarketSituation_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:easee-
gas.eu:edigas:marketbalancing:marketsituationdocument:5:1:6">
  <identification>MARSIT20231001A000004</identification>
  <version>2</version>
  <type>14G</type>
  <creationDateTime>2023-10-02T07:05:00Z</creationDateTime>
  <validityPeriod>2023-10-01T04:00Z/2023-10-02T04:00Z</validityPeriod>
  <issuer_MarketParticipant.identification codingScheme="305">21X0000000013198</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EIC_SHIPPER</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  ▼ <Account>
    <identification codingScheme="ZSO">0S000001-T2</identification>
    <type>ZOE</type>
    ▼ <TimeSeries>
      <type>ZXL</type>
      <measureUnit.code>KW2</measureUnit.code>
      ▼ <Period>
        <timeInterval>2023-10-01T04:00Z/2023-10-02T04:00Z</timeInterval>
        <accountDirection.Code>ZPE</accountDirection.Code>
        <accountDirection.account_Quantity.amount>0.0</accountDirection.account_Quantity.amount>
      </Period>
    </TimeSeries>
  </Account>
</MarketSituation_Document>
```