

Fifty mFRR EAM Recurring Meeting

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- technical view

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Agenda

- Transition period – Tech to Tech
- FiftyWeb needs
- What's next?

Transition period – Tech to Tech

- Presentation of transition period between MMS and BSP systems
- Changes; Pre and during transition
- Open Q&A

Transition Period

- Between autumn to winter 2022/23 depending on development and QA period
- From a specific date;
 - BSP sends bid on CIM
 - TSO accepts and can do activation between BSPs on CIM
 - Transition completed:
 - From the point bids is sent on CIM and accepted to TSO and an activation on CIM is completed on one resource object for each BSP
 - Fallback/Rollback scenario:
 - In case of any errors during transition, it's possible to use FiftyWeb to delete CIM bids, and resend bids on current format

Changes; pre and during transition

Technical differences between TSO and BSP systems pre and during transition

Pre transition	Transition phase
One bid(old) can span the whole day	One bid(new) is exactly 15 minutes Bid(new) is mapped to bid(old) with technical link The same rules apply to how bid(new) can be linked to a specific bid(old) - in addition to constraints from guide, bids must have same price in transition phase
Activation orders are created per bid and hour Order document normally contains 1 time series	Activation orders are created per bid and hour Order document will contain 1 time series per bid(new) Order confirmation must contain all time series from order document
SvK: Activation_MarketDocument v6.1	Must upgrade to Activation_MarketDocument v6.2 to support UUID.
All bids are available for direct and scheduled activation	All bids are available for direct and scheduled activation Complex bids (conditional linked etc.) will be treated as simple bids - Exclusive linked bids will be converted to technical linked bids by picking highest volume available for each period

Differences on activations between transition and go-live

- Activations will use mRID on the same format as today, not UUID.
- `<mRID>ERRP-20211021125553740-0-B1</mRID>`
- TimeSeries IDs will be on the format we received when the bid was submitted from BSP

```
<Activation MarketDocument xmlns="urn:iec62325.351:tc57wg16:451-7:activationdocument:6:2">
  <mRID>ERRP-20220525152044079-0-L1</mRID>
  <revisionNumber>1</revisionNumber>
  <type>A40</type>
  <process.processType>A47</process.processType>
  <sender_MarketParticipant.mRID codingScheme="A10">7080000923168</sender_MarketParticipant.mRID>
  <sender_MarketParticipant.marketRole.type>A04</sender_MarketParticipant.marketRole.type>
  <receiver_MarketParticipant.mRID codingScheme="A10">7080005046107</receiver_MarketParticipant.mRID>
  <receiver_MarketParticipant.marketRole.type>A46</receiver_MarketParticipant.marketRole.type>
  <createdDateTime>2022-05-25T14:20:44Z</createdDateTime>
  <activation_Time_Period.timeInterval>
    <start>2022-05-25T15:00Z</start>
    <end>2022-05-25T16:00Z</end>
  </activation_Time_Period.timeInterval>
  <domain.mRID codingScheme="A01">10YNO-0-----C</domain.mRID>
  <subject_MarketParticipant.mRID codingScheme="A10">7080005046107</subject_MarketParticipant.mRID>
  <subject_MarketParticipant.marketRole.type>A46</subject_MarketParticipant.marketRole.type>
  <order_MarketDocument.mRID>ERRP-20220525152043393-0-L1</order_MarketDocument.mRID>
  <order_MarketDocument.revisionNumber>1</order_MarketDocument.revisionNumber>
  <TimeSeries>
    <mRID>3c798f81-7cae-4089-a1b2-51630dd2a6ac</mRID>
    <resourceProvider_MarketParticipant.mRID codingScheme="A10">7080005046107</resourceProvider_MarketParticipant.mRID>
    <businessType>A97</businessType>
    <acquiring_Domain.mRID codingScheme="A01">10Y1001A1001A91G</acquiring_Domain.mRID>
  </TimeSeries>
</Activation MarketDocument>
```

Differences on activations between transition and go-live

- We will not set TimeSeries/Reason during transition.
- TSO will send one Activation-request per hour (not quarterly as stated in the IG)
This means that acknowledge and confirmation from the BSP must contain the complete hour as well.

Transition phase

During transition, we will support the following bid types:

- Simple bids
- Technical linked bids
- Exclusive linked bids will be treated as technical linked bids using highest volume per period
- All other complex bids will be treated as simple bids
- All bids will be available for direct and scheduled activation
- New format for bid activations is activated per BSP by the TSO
 - If BSPs submit bids on new format before this is activated, the bid will be rejected.
- If BSPs submit bids on the old format while already having submitted bids on the new format for that day, the bids on the old format will be rejected.
- During transition and before automated operations it is preferred that the BSP sends in only technical linked bids in production

Open Q&A



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Examples, FAQ and more information on the webpage

[Welcome to Fifty mFRR EAM :: BSP Integration documentation](#)

What's Next?

- What would you like to discuss in future meetings?
- Questions?