

# **Fifty mFRR EAM Recurring Meeting**

## **Statnett, Svenska Kraftnät and Fifty**

### **- technical view**

11.10.2022

Visit [nordicbalancingmodel.net](http://nordicbalancingmodel.net)



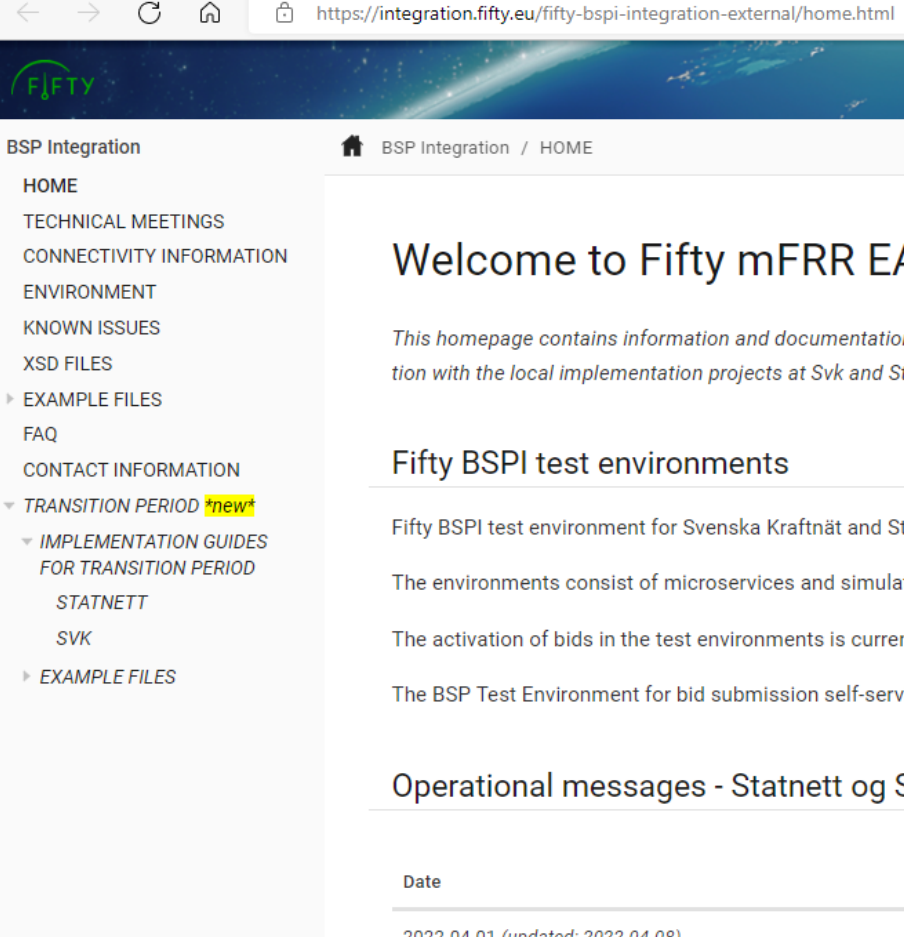
# Agenda

- Transition phase – Implementation Guide

# Implementation guide for transition

Available at [integration.fifty.eu/fifty-bspi-integration-external/](https://integration.fifty.eu/fifty-bspi-integration-external/)

NB! Separate guide for transition Sweden and transition Norway.



The screenshot shows a web browser window with the URL <https://integration.fifty.eu/fifty-bspi-integration-external/home.html>. The page features a dark blue header with the FIFTY logo. A navigation menu on the left lists various sections, with 'TRANSITION PERIOD' and 'IMPLEMENTATION GUIDES FOR TRANSITION PERIOD' highlighted. The main content area includes a welcome message, a section for 'Fifty BSPI test environments', and a table of 'Operational messages - Statnett og S' with a date column.

BSP Integration HOME / BSP Integration / HOME

- HOME
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  - ▼ IMPLEMENTATION GUIDES FOR TRANSITION PERIOD
    - STATNETT
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## Welcome to Fifty mFRR EA

*This homepage contains information and documentation with the local implementation projects at SvK and St*

### Fifty BSPI test environments

Fifty BSPI test environment for Svenska Kraftnät and St

The environments consist of microservices and simulat

The activation of bids in the test environments is curren

The BSP Test Environment for bid submission self-servi

### Operational messages - Statnett og S

Date
2022-04-01 (updated: 2022-04-08)

# Bid attributes for transition

- 15 min resolution
- *Technical linking* is mandatory (until Go-live mFRR EAM)
- *Max duration* and *resting time* may be used
- *Complex bids* cannot be used (until Go-live mFRR EAM)
- Other new bid attributes will be ignored (until Go-live mFRR EAM)
- The following attributes cannot be changed for a bid:
  - *Period, resource object, market product, technical link id*

# Bid activation ordering

- TSO will send bid activation orders hourly + ad-hoc during the hour
- The activation order will contain bid activations for one hour, i.e. up to four time series
- Each activation order will only contain activation time series for one resource object

# Heartbeat

- Heartbeat activation order will be sent from TSO to BSP once every 15-minutes at xx:10, xx:25, xx:40 and xx:55.
- The heartbeat will be sent regardless of whether the BSP has submitted bids or not.
- The processing of the order should, to the extent it is practical, be done by the same systems as for real activation orders in order to assess the real status of the activation process.

# Other activation ordering processes (only applicable i Norway)

## Planned production adjustment (Produksjonsflytting):

- BSP can choose whether to receive orders in old or new format
- Will be discontinued from Go-live mFRR EAM

## Production smoothing (Produksjonsglatting):

- Will continue after Go-live mFRR EAM
- Process will continue as described in "*Implementation guide -Production smoothing*", ediel.no
- Activation orders will be sent in the new ActivationDocument format, with type Z41
- The activation order time series may contain multiple points

# Examples, FAQ and more information on the webpage

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



**Statnett**