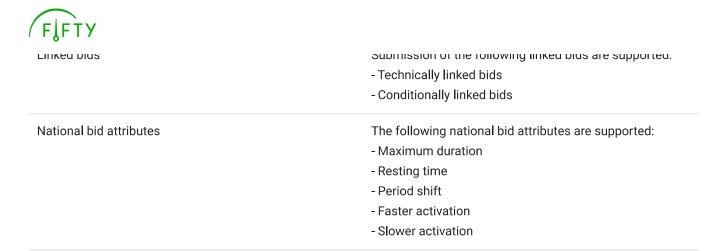


Environment specifics for BSP SYNTAX hos Statnett

The BSP Test Environment is set up for message validation for bid submission, activation request/response and heartbeat request/response. The supported messages types and some other details are described below.

Bid Submission

	Description
BSP Gate Closure Time is set to "Go Live for mFRR EAM".	BSP Gate Closure time (GCT) is set to 45 minutes relative
	to the hour to which the delivery period belongs (H-45).
Supported ReserveBid versions	Currently these versions of the
	ReserveBid_MarketDocument are supported in the
	SYNTAX environment:
	urn:iec62325.351:tc57wg16:451-
	7:reservebiddocument:7:2
	urn:iec62325:ediel:nbm:reservebiddocument:7:2
	Please note that support of the 7.4 version will be avail-
	able soon.
Earliest time for submission of bids	Bid messages for a given time interval can currently be
	submitted to the BSP Test Environment two days in ad-
	vance. This will change in the near future. More details
	will come when this is updated.
Day Ahead Price validation	In the BSP test environment, the validation of bids
	against Day Ahead Prices is turned off.
Simple bids	Submission of simple bids is supported.
Complex bids	Submission of the following complex bids are supported
	- Exclusive
	- Multipart
	- Inclusive
	Please note: Currently, to validate inclusive bids, the xsd
	available at
	https://nordicbalancingmodel.net/implementation-guides
	must be used.



Activation

Header	Description
Activation in the test environment	In the test environment, activation is done by a simple simulator that activates the bid.
	If a bid is available for several types of activation, the sim-
	•
	ulator will choose to activate the bid using the following
	priority:
	1. Faster activation
	2. Period shift
	3. Direct activation
	4. Scheduled activation
	Note: The simple simulator does not support updated
	bids. Bid updates are received, validated and acknowl-
	edged accordingly, but the activation request will contain
	the quantity from the first version of the bid even if the bid
	is updated before the activation request is received.
Faster activation	Activation is supported using the automation simulator. Note: Activation request will be sent when the bid is received.
Period shift	Activation is supported using the automation simulator. Note: Activation request will be sent 7,5 minutes prior to MTU.
Direct activation	Activation is supported using the automation simulator.
	Note: Activation request will be sent when the bid is
	·
	received.
Scheduled activation	Activation is supported using the automation simulator.
	Note: Activation request will be sent 7,5 minutes prior to MTU.
Slower activation	Not supported in BSP test environment.



in the implementation guide are described below.

	Description
Maximum bid price	Bid messages are validated so that only bid messages that contain bid time series with price 10000 EUR or
	lower are accepted.
Minimum bid price	Bid messages are validated so that only bid messages
	that contain bid time series with price -10000 EUR or
	higher are accepted.

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