General explanation of this contracted aFRR prequalification sample report:

This report provides an example of how a report can be drawn up. The BSP is free to deviate from the used sections and/or rename paragraph or chapter titles. However, all sections included in this example report should also be found in the report provided by the BSP. Therefore, it is recommended to adhere to the structure of this document as much as possible.

|  |  |
| --- | --- |
| Description:  Cover page with company details, document name and date.    Pre-qualification test  contracted aFFR  The Frequency Company | |
|  | |
| Frequency Lane 50; 5000 HZ ENDZOEE  [www.thefrequencycompany.mhz](http://www.thefrequencycompany.mhz)  +31 88 50200 |  |

**Revision Management**

Insert revisions here. The following is an illustration. Here should be included at least:

* Current version with date, authors and changes
* Previous version with date, authors and changes
* Number of pages

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| REV | DESCRIPTION | DATE | AUTHOR | CHECK | EXTERNAL | APPROVAL |
| 0 | Initial version | Dec 01, 2019 | F.R. Equency | F.E. |  |  |
| 1 | final | 01 Jan 2020 | S.U. Port | S.P. |  |  |
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# Introduction

Write your own introduction here.

This prequalification test was carried out within the framework of the provision of contracted automatic Frequency Restoration Reserves (contracted aFRR) by The Frequency Company (hereafter: TFC) to TenneT TSO B.V. (hereafter: TenneT).  
Since DD/MM/YYYY, TFC is pre-qualified for the provision of regulating power through voluntary bids.

Supplier address: The Frequency Company

Frequency Lane 50;

5000 HZ ENDZOEE

+31 88 50200

## Purpose of the pre-qualification test

The purpose of the test is to demonstrate that installation(s) of the TFC as a whole meet the requirements related to the delivery of contracted aFRR.

A BSP approval for voluntary energy bids is a requirement for the prequalification for contracted energy bids.   
Instead, all the extra aspects specifically required for contracted aFRR – as specified in the "aFRR Manual for BSPs" – will be described.

## Power and directions to be pre-qualified:

Select (only) one option and specify the amount to be prequalified:

* Upward regulation  
  \_\_\_\_ MW
* Downward regulation  
  \_\_\_\_ MW
* Upward and downward regulation  
  \_\_\_\_ MW (up) and \_\_\_\_ MW (down)

## List of persons involved in the test:

|  |  |
| --- | --- |
| Name | Organization |
| Mr. F.R. Equency | TFC |
| Mr. S.U. Port | TFC |

# Description of the prequalified volume

## Installation(s) details and bidding requirements

Describe the composition of the assets that will be used for the bids. In particular, specify how you can guarantee that there will be bids for 24 hours as specified in the requirements.

# Test description and results

A description of the test and of its results are reported in this chapter, along with several graphs and tables. The values in the tables should correspond to the original time-synchronous measurement data. Also the date and the time should be clearly indicated in the test. This chapter should also contain a description of any deviations or peculiarities that can be seen in the graph or table or that appear in the (separately) supplied measurement data.

**Note**: The graphs and tables should by themselves be sufficient for TenneT's assessment of the prequalification. Please ensure that the graphs are correctly scaled and that the indications on the axes are clearly reported.

## Test moment

Include in the table below the aligned period of the pre-qualification test.

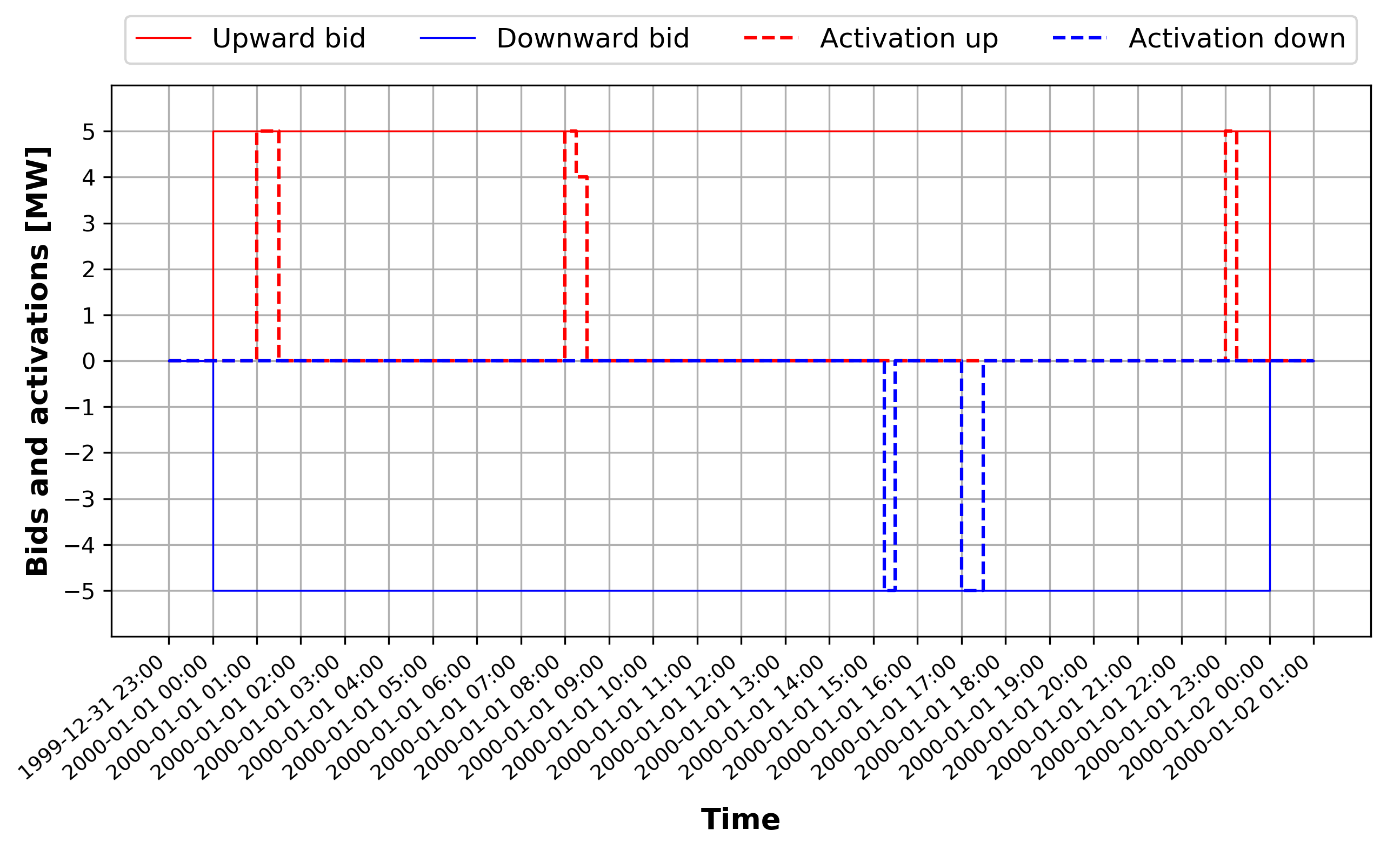
|  |  |
| --- | --- |
| Date and time of test start: |  |
| Date and time of end of test: |  |

## Test: 24 hours bidding

Describe the adopted bidding strategy, specifying the bidded amounts (in both directions) and all the activations.

Include an overall graph (see example below) where your bidding strategy is visible, together with all the activations.

Specific details about the single activations shall be provided only in the next section.

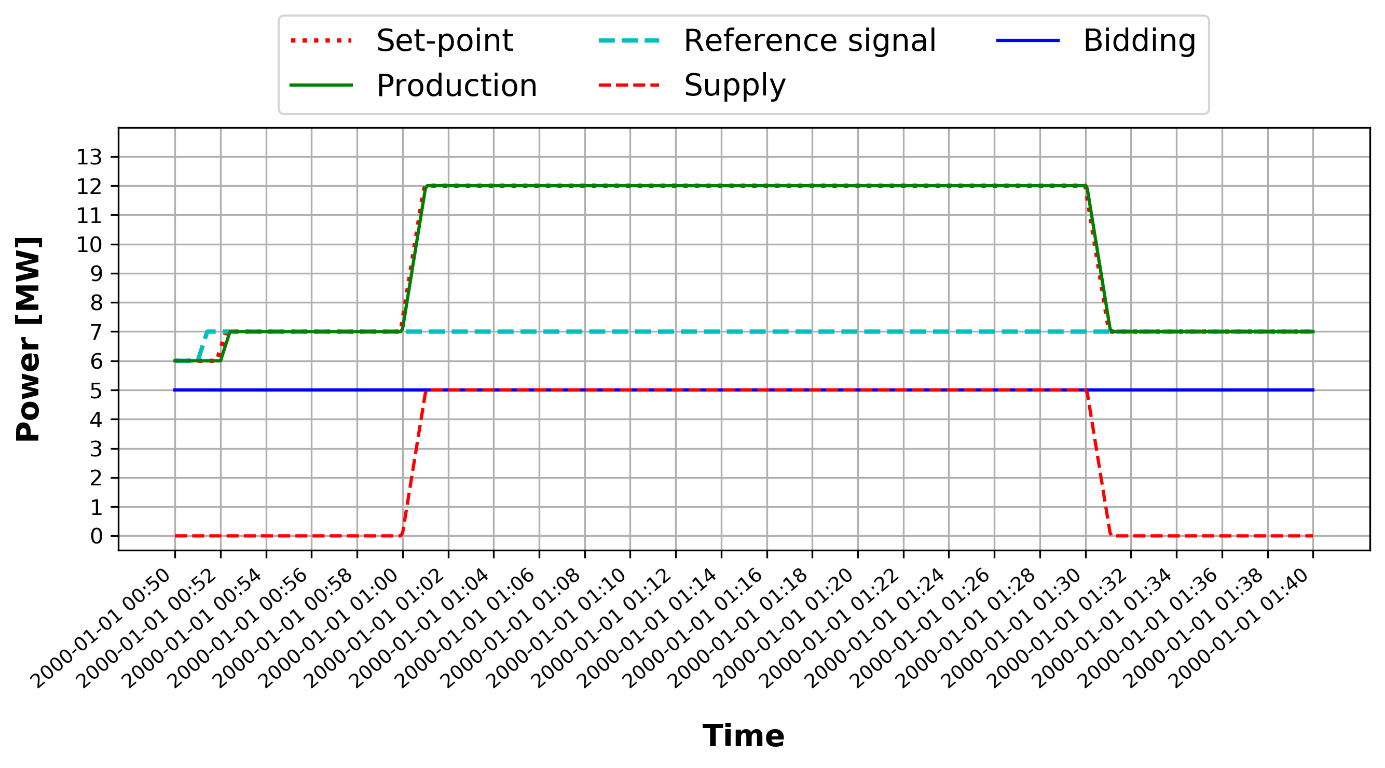


## Test: Bids activation

In this section, 2 activated bids shall be described in the upward direction and another 2 shall be described in the downward direction. Also any other activation that (for any reason) deviates from normal operation or the set requirements should be described, providing a plot and a table as well.

### Upward activation

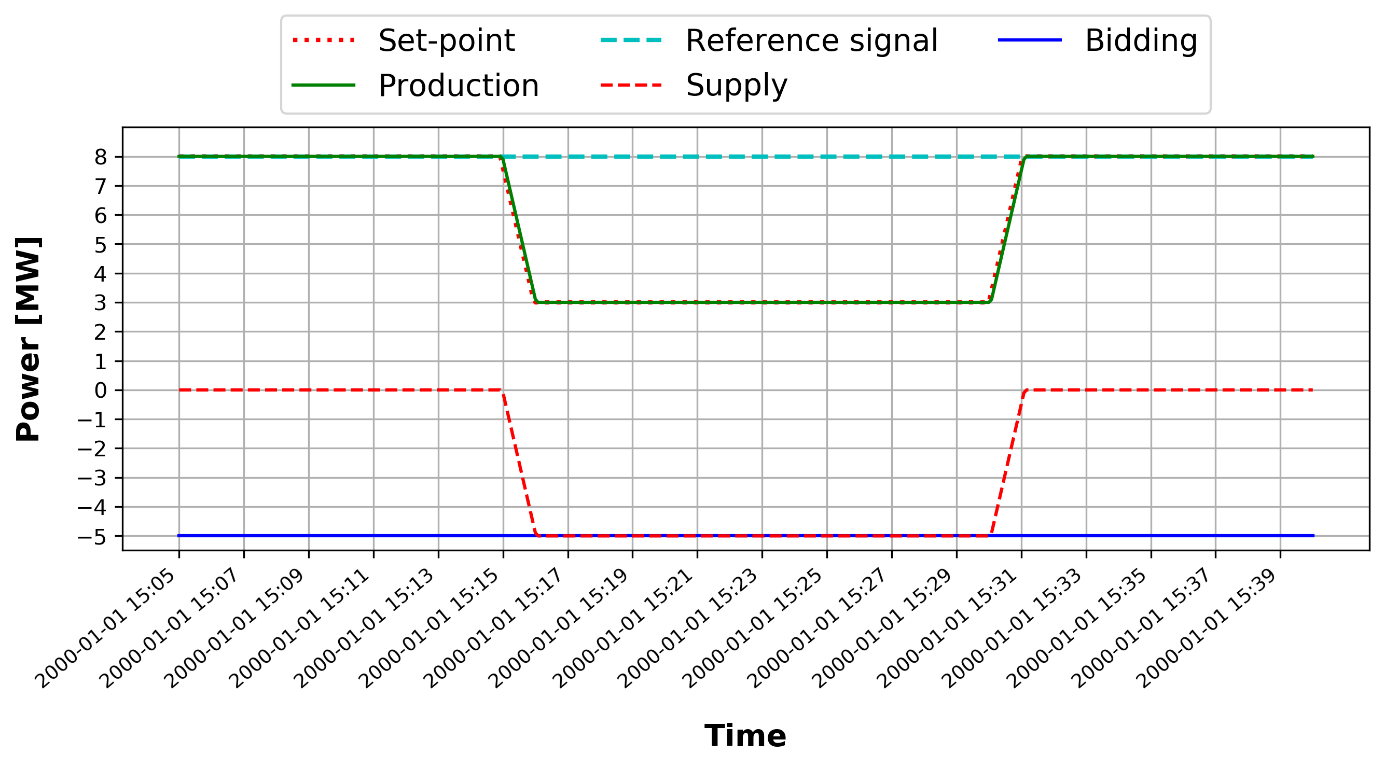
The description below is an example and illustrates one of the activations to be described. In this case, it is the description of an upward activation. The same structure shall be used for the downward activations as well



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Description | Time  (seconds) | Reference signal  (MW) | Setpoint  (MW) | | Sum of production capacity  (MW) | Power change  (Ref - Sum Prod.)  (MW) |
| Start of test |  |  |  |  | |  |
| Start set point |  |  |  |  | |  |
| First power change noticeable (min. after 30 sec) |  |  |  |  | |  |
| Time of qualified Power of test setpoint |  |  |  |  | |  |
| Maximum power achieved (during set point presence) |  |  |  |  | |  |
| Average power achieved (during set point presence) |  |  |  |  | |  |
| Minimum power achieved (during setpoint) |  |  |  |  | |  |
| End of set point |  |  |  |  | |  |
| First power change noticeable (min. after 30 sec) |  |  |  |  | |  |
| Return time on reference signal |  |  |  |  | |  |

### Downward activation

See previous section.



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Description | Time  (seconds) | Reference signal  (MW) | Setpoint  (MW) | | Sum of production capacity  (MW) | Power change  (Ref - Sum Prod.)  (MW) |
| Start of test |  |  |  |  | |  |
| Start set point |  |  |  |  | |  |
| First power change noticeable (min. after 30 sec) |  |  |  |  | |  |
| Time of qualified Power of test setpoint |  |  |  |  | |  |
| Maximum power achieved (during set point presence) |  |  |  |  | |  |
| Average power achieved (during set point presence) |  |  |  |  | |  |
| Minimum power achieved (during setpoint) |  |  |  |  | |  |
| End of set point |  |  |  |  | |  |
| First power change noticeable (min. after 30 sec) |  |  |  |  | |  |
| Return time on reference signal |  |  |  |  | |  |

## Details

If there are any peculiarities or different behaviours than expected, please explain this in this paragraph.

# Conclusion

Report here findings and conclusion about the achievement of the subtests and the final conclusion.

# Annexes

Include any attachments here.