

Fast Reserve Market Information for July-16

Monthly Report

Published May-16

Key points

This Market Information Report is relevant for tenders submitted in **Jun-16** for delivery in **Jul-16**

Tenders from eligible service providers for Firm Fast Reserve should be submitted by **Wednesday 01-Jun-2016** (1st business day) for all tenders.

National Grid will notify service providers of the outcome of the tender assessment by **Thursday 16-Jun-2016** (12th business day).

Firm Fast Reserve is required during the following hours:

- Mon-Fri: 06:00 – 23:30hrs
- Sat, Sun, BH: 07:00 – 23:30hrs

The volume requirements are explained on the next page.

Introduction

Fast Reserve (FR) service provides the rapid and reliable delivery of active power through an increased output from generation or a reduction in consumption from demand sources, following receipt of an electronic dispatch instruction from National Grid. Fast reserve service requires all units to have capability to commence within two minutes following instruction, at rates of 25MW or greater per minute and providing a minimum of 50MW. Fast reserve is an additional energy balancing service used to control frequency changes.

Fast Reserve may be provided as either a Firm service, procured through a tender process, or Optional service. Submitted tender prices are compared to the costs of alternatives to deliver the equivalent level of fast reserve. This report provides information to current and potential providers about the volume of, and time periods over which, firm fast reserve is required.

Highlights

In May 2016, three tenders were received. More details on the tenders accepted/rejected are available from the post-assessment tender report.

The Fast Reserve Assessment Principles Report and other useful reports are available at:

<http://www2.nationalgrid.com/uk/services/balancing-services/reserve-services/fast-reserve/>

The Market Report containing Post-Assessment details are available at:

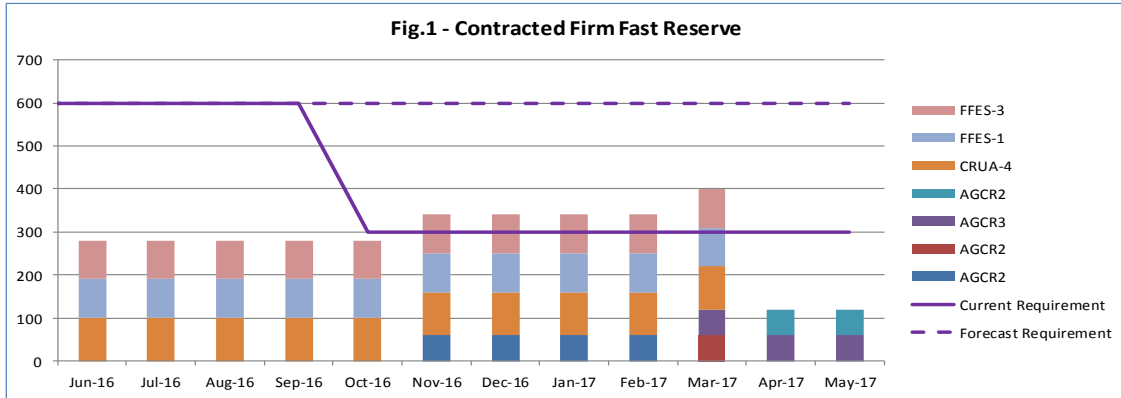
<http://www2.nationalgrid.com/UK/Services/Balancing-services/Reserve-services/Fast-Reserve/Fast-Reserve-Information/>

For a monthly cost summary of services procured please follow the below link to the Monthly Balancing Services Summary (MBSS), which breaks costs down by service including the Firm and Optional Fast Reserve costs.

<http://www2.nationalgrid.com/UK/Industry-information/Electricity-transmission-operational-data/Report-explorer/Services-Reports/>

Tenders should be submitted on the ARIBA E-Tender platform. If you have not registered in ARIBA or received an invite to the event please contact your Account Manager in the first instance. If you have any questions about the event, contact James Patterson at 01926 653000 or via email at james.patterson2@nationalgrid.com

Firm Fast Reserve Requirement



The figures on this page show the amount of existing contracted Fast Reserve available per month and per day, against the optimal firm fast reserve requirement.

Fig.1 shows our maximum monthly requirement against our current contracts. We intend to review the extended requirement before September although we will consider tenders at this point for beyond September.

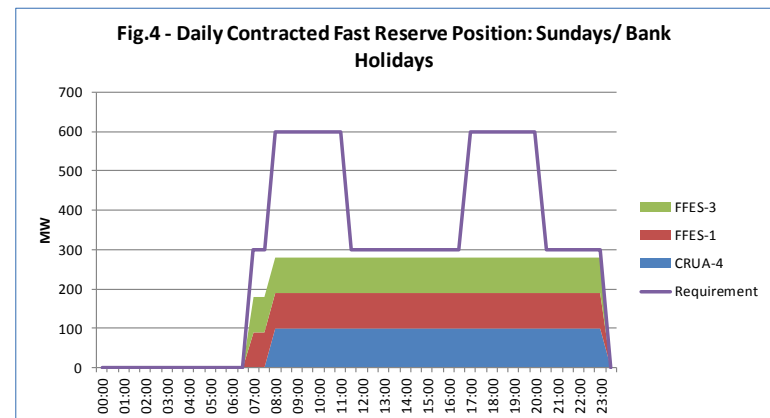
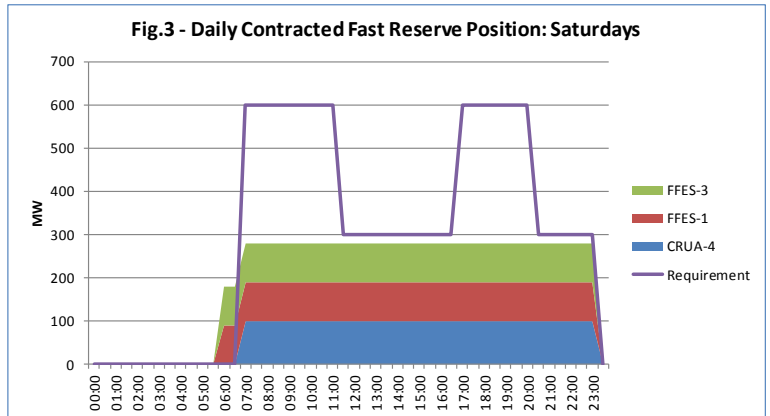
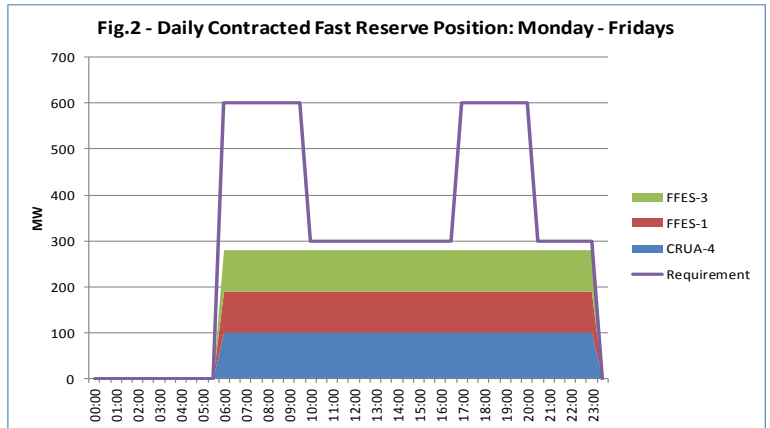
The desirable Firm requirement has increased as shown in the charts:

- Extended 600MW Requirement
 - Mon–Fri
06:00 – 09:30, 17:00 – 20:00
 - Sat
07:00 – 11:00, 17:00 – 20:00
 - Sun & BH
08:00 – 11:00, 17:00 – 20:00
- 300MW for all other periods between
 - Mon-Fri: 06:00 – 23:30
 - Sat, Sun, BH: 07:00 – 23:30

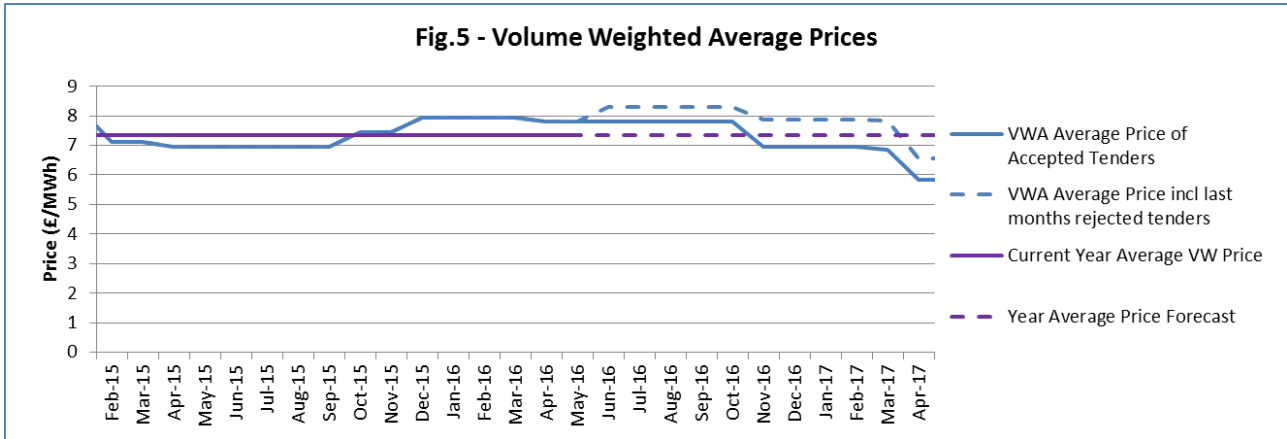
Note the requirements are being reviewed regularly and so may change at short notice.

Table 1: 12 month requirement

Month	Additional Optimal Max Firm Requirement (MW)
Jul-16	320
Aug-16	320
Sep-16	320
Oct-16	20
Nov-16	0
Dec-16	0
Jan-17	0
Feb-17	0
Mar-17	0
Apr-17	180
May-17	180
Jun-17	180



Volume Weighted Average Pricing



The above graph details volume weight average pricing of historical and current tenders.

This report is under continuous review and development, therefore if you have any comments or suggestions of information you would like to see in the future reports, please contact your account manager or email the assessment team: box.AncillaryAssessment@nationalgrid.com