

Fast Reserve

Pre-Qualification Questionnaire

CONTACT DETAILS

Company Name	
Company Representative	
Address	
Telephone Number	
Fax Number	
Email Address	

The following questions relate to the listed generating machines, modules or demand blocks and these will be treated as if an identical "Fast Reserve Unit" throughout the questionnaire.

In the event that you are applying for an aggregation of Contracted Units then please submit a pre-qualification questionnaire for each unit to be included in the aggregation.

UNIT IDENTIFICATION

Please list generating machines, modules or demand blocks which can be treated as if an identical "Fast Reserve Unit" in this questionnaire. If you wish to aggregate more than one unit please reference the other units and state name to be used to refer to them as one unit.

BRIEF DESCRIPTION

Please provide relevant information describing the characteristics of the "Fast Reserve Unit" [Identify whether generation or demand, type (fuel, process etc), size]

1. LOCATION

1.1	Where is the "Fast Reserve Unit" geographically located?	
1.2	Is the "Fast Reserve Unit" directly connected to the NGC network?	Yes / No
	If 'No' please provide relevant information on network connection.	
1.3	Are there any known technical limitations associated with your network connection, which might limit the delivery of Fast Reserve?	Yes / No
	If 'Yes' please indicate	

2. TECHNICAL DETAILS

2.1	Is the "Fast Reserve Unit" a registered BM Unit?	Yes / No
2.2	Indicate the maximum Run-up rate that the "Fast Reserve Unit" can achieve - with any period of prior notice required to achieve this.	MW / min
	Please indicate what prior notice is required.	minutes
2.3	If different from Q2.2, please indicate the maximum Run-up rate that the "Fast Reserve Unit" can achieve <u>without any prior notice</u> being necessary to achieve this.	MW / min
2.4	Indicate the maximum Run-down rate that the "Fast Reserve Unit" can achieve - with any period of prior notice required to achieve this.	MW / min
	Please indicate what prior notice is required.	minutes
2.5	If different from Q2.4, please indicate the maximum Run-down rate that the "Fast Reserve Unit" can achieve <u>without any prior notice</u> being necessary to achieve this.	MW / min
2.6	Can the "Fast Reserve Unit" start to change output in accordance with these Run-up / Run-down rates within 2 minutes of an instruction from National Grid?	Yes / No
2.7	When the "Fast Reserve Unit" is changing output to deliver Fast Reserve as in Q2.6: How quickly can the delivery be halted? How quickly can the delivery start to be reversed?	minutes minutes
2.8	Indicate the maximum amount of Fast Reserve that the "Fast Reserve Unit" can deliver in accordance with the Run-up rates given in both Q2.2 and Q2.3.	Q2.2: MW Q2.3: MW
2.9	Is this amount of Fast Reserve deliverable by the "Fast Reserve Unit" in a single instruction from National Grid?	Yes / No
	If 'No', what amount of Fast Reserve is deliverable in a single instruction from National Grid?	MW
2.10	How long can the delivery of the amounts of Fast Reserve given in Q2.8 be sustained?	Q2.2: minutes Q2.3: minutes
2.11	Is delivery of Fast Reserve repeatable on the "Fast Reserve Unit" within a single settlement period?	Yes / No
2.12	Is delivery of Fast Reserve repeatable on the "Fast Reserve Unit" within a single settlement day?	Yes / No
2.13	Is the unit limited to the number of times it can deliver Fast Reserve in a settlement day?	Yes / No
	If 'Yes' please indicate number and specific times of day if applicable.	
2.14	Indicate any minimum recovery period of time required between periods of Fast Reserve delivery.	minutes
2.15	Please indicate any other limitation you are aware of that would affect flexibility of utilisation of Fast Reserve on the "Fast Reserve Unit".	

3. DEMONSTRATION

3.1	Has the Fast Reserve capability of the "Fast Reserve Unit" previously been demonstrated to National Grid?	Yes / No
3.2	If answer to Q3.1 is 'Yes' please describe.	
3.3	If answer to Q3.1 is 'No': Are you able to demonstrate the Fast Reserve capability of the "Fast Reserve Unit" to National Grid?	Yes / No
	If 'Yes', please describe how	

4. DESPATCH

4.1	Does the "Fast Reserve Unit" have Operational Metering installed?	Yes / No
4.2	Can the "Fast Reserve Unit" be despatched by EDL (Electronic Data Logging) or an equivalent electronic despatch facility?	Yes / No
	Please describe your electronic despatch facility if not EDL.	
4.3	If the answer to Q4.2 is 'No': How can the "Fast Reserve Unit" be despatched prior to EDL or an equivalent electronic despatch facility being installed?	
4.4	If the answer to Q4.2 is 'Yes': Can your EDL or equivalent electronic despatch facility be adapted to accept new despatch instruction codes from National Grid?	Yes / No
	If 'Yes' please provide an estimate of how long this adaptation would take.	days

Many thanks for taking the time to fill in this questionnaire.

Please return questionnaire responses to the following address:

**FAO Bea Ennim
Contracts & Settlements
Network Operations
National Grid plc
National Grid House
Warwick Technology Park
Gallows Hill
Warwick
CV34 6DA**

If you have any further questions, please contact us by E-mail at
bea.ennim@uk.ngrid.com

Or visit our website at

<http://www.nationalgrid.com/uk/Electricity/Balancing/services/reserveservices/fastreserve/>