

Gas System
Operator

Future Capacity and Balancing Systems and Services

Introduction

December 2020

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Project introduction

- The network balancing and capacity systems and services are currently procured by NGG through a third party, Xoserve.
- Xoserve manage and operate Gemini on our behalf. Gemini is the main system NGG uses to communicate commercial information to/from shippers. This includes, gas flow nominations, energy allocations, capacity auctions and transportation invoicing.
- Over the next 12 months we intend to complete a Prior Information Notice (PIN), a Request for Information (RFI) and Request for Proposal (RFP) to explore who the best party is to deliver and how we can deliver the future capacity and balancing services and system.
- This may help us drive efficiencies, introduce innovation and set up for success for the future.

Project activities and timeframes

PIN

Prior Information Notice

A PIN will be issued to notify of our intention to procure the Capacity and Balancing systems and services.

Those intending to submit responses to the RFI and RFP will be required to register on the Achilles platform.

Issue date: December 2020

Duration: 35 calendar days

RFI

Request for Information

A RFI will be issued to industry to obtain general information about products, services, or suppliers.

Issue date: January 2021

Duration: 28 calendar days

PQQ and RFP

Pre-qualification Questionnaire Request for Proposal

A pre-qualification (PPQ) will be issued to the industry to ensure potential suppliers meet the tendering criteria.

Following the PQQ a RFP will be issued to industry for which any organisations can submit bids to provide the future capacity and balancing systems and services.

Issue date: PQQ Late March / Early April 2021

Duration: Anticipated completion with contract awarded late October 2021

During this period we will be supporting any parties who wish to engage with us to understand more about the systems and services being procured.

Future Requirements

In Summer 2018 NGG held a Gemini workshop with the industry; half a day considered pain points with the current Gemini system and half the day was to consider future requirements of a capacity and balancing system.

On 14th January 2021 we will be reviewing the pain points previously identified to consider whether these remain issues today and we will be requesting any further future requirements identified by Gemini Users which we can consider for a future capacity and balancing system.

To register interest for this event please visit:

<https://www.eventbrite.co.uk/e/future-capacity-and-balancing-systems-and-services-tickets-132414371951>

Who to contact for additional information

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To support in discussions regarding the capacity and balancing systems and services		To discuss how to register on the Achilles platform

Gas
Transmission

Appendices

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Gas Capacity Service

National Grid Gas (NGG) is the Transmission Owner (TO) and System Operator (SO) of the GB national transmission system (NTS). Under its TO role it is obliged to ensure that NTS capacity is available to support NTS customers gas flow requirements.

To manage this process NGG makes available NTS entry capacity and NTS exit capacity, which NTS gas shippers are obliged to book in order to have the right to flow gas to and from the system on behalf of customers.

Entry capacity provides the daily right to flow gas into the system up to an agreed flow rate. [Exit capacity](#) provides the right to offtake gas from the NTS up to a deemed flow rate.

Entry capacity is made available in quarterly, monthly or daily strips via a suite of [long and short term reserve price auctions](#). Exit capacity is made available in annual, and daily quantities, principally via an annual application window, although short term capacity rights can be acquired when capacity is available at the day ahead and within day stage.

Gas Balancing Service

National Grid Gas (NGG) is the gas System Operator (SO) responsible for balancing the system on a continuous basis across Great Britain (GB). To do this, the SO buys and sells gas and procures associated services. It also provides other services to market participants, such as forecasts of demand. The SO is obliged to perform its role in an economic and efficient manner.

NGG have a responsibility to keep the National Transmission System (NTS) within safe operating limits. This includes us acting as a residual balancer by taking energy balancing trades on the On The Day Commodity Market (OCM) in accordance with supply and demand needs.

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