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Subject: Application to the Panel regarding a Non Standard BM Unit for Peterborough Power Station

Dear Katie

Peterborough Power Station was built and has operated as a 405MW Combined Cycle Gas Turbine (CCGT) Module Balancing Mechanism Unit (BMU) (2X gas turbine (GT) Generating Units + 1 steam turbine (ST) Generating Unit) since it was commissioned in March 1993. The power station is connected to the 132kV Distribution System and has entered into various enduring operational and commercial agreements with the Transmission Company and the Licensed Distribution System Operator (LDSO) as a single BMU. The site is registered with Elexon as a CCGT Module under BMU E_PETEM1, and therefore, as per BSC Section K3.1.4, is treated as a single BMU. Within this BMU we have three Generating Units all metered (2 GT's and 1 ST) under one Aggregation Rule.

After recent work to demolish the steam turbine, the station is now a 245MW power station but to all intent and purposes being operated and instructed, largely under a STOR agreement, as a single BMU. Due to these site developments, this letter is to ensure we amend the registration details held by Elexon and comply with the BSC by registering as a non-standard BM Units.

Centrica PB Ltd would like to continue operating the 2GT Generating Units as a single BM Unit. This application is to ensure that we amend the registration details held by Elexon and comply with the BSC by registering this as a non-standard BMU. The non-standard BMU would comprise of two gas turbines and effectively remove the steam turbine from the current BMU.

Under paragraph 3.1.2(b) a BMU must be the smallest aggregation of Plant and/or Apparatus that can be controlled independently, in the case of Peterborough Power Station, a GT can be controlled individually to the other, but as highlighted above, since first operation over 24 years ago we have operated and delivered to National Grid as a single BMU. Therefore we are of the opinion that we should remain as a single BMU and we satisfy all the other configuration criteria specified in the Section K3.1.2 of the code.

If the application for a Non Standard BMU is not permitted, National Grid will need to instruct two separate BMU's rather than one single BMU in providing all of the contractual obligations such as STOR and commercial ancillary services, including the provision of Reactive Power in order to comply with Grid Code requirements.

We also consider the additional level of resourcing and costs associated with control and system changes to process and settle instructions for two separate BM units would be burdensome and unnecessary.

Finally, we have engaged with National Grid who are aware that we shall be seeking this option of retaining Peterborough Power Station as a single BM unit.

We look forward to hearing from you in due course and would request that you advise us as soon as possible if any additional information should be supplied to support the application request.

Yours sincerely

Tony Charlton
Settlements Controller
Centrica Distribution Energy and Power

cc. Claire Andrew, Centrica, Distributed Energy & Power