

Addendum 2 Non-technical Summary for Aston Boiler House site- Birmingham District Energy Company

This non-technical summary is in response to question 2b of Form Part C2 and relates to the Birmingham District Energy Company's Aston Boiler House site, Aston University, Aston Triangle, Birmingham, B4 7ET. The Birmingham District Energy Company is a Bring Energy owned company.

The site comprises of 2 CHP units and 2 gas boilers all housed within the same energy centre, at the same address and geographical coordinates. The energy centre has one emission point/stack. The site has a total of 4 MCPs, two of which are specified generators i.e. the CHP units which combust natural gas. The total rated thermal input of all MCPs on site is 16.52 MW.

A variation to increase the permitted operating hours of the CHPs is being requested to ensure continuity of heat supply across the expanding district heat network. The proposed increase to the MCPD permitting for the Aston site forms part of a wider review of all existing permits being undertaken in preparation for forthcoming regulatory changes. This proactive approach is intended to future-proof the site, ensure continued compliance with evolving environmental requirements, and align permitted capacity with realistic operational and strategic needs. Reviewing and updating the permit at this stage enables the site to maintain regulatory certainty while supporting planned investment and operational efficiencies.

As part of the above variation, we also wish to add the two boilers which are existing MCPs to the permit.

The site is also undergoing a programme of decarbonisation, which includes changes to the operational role of plant, particularly with respect to backup generation. As part of this transition, operational hours for backup plant are being reviewed to ensure that they remain appropriate, effective, and sufficient to support a lower-carbon heat supply solution. Increasing the MCPD permitting capacity allows greater operational flexibility for backup plant, which in turn underpins the business case for capital investment in cleaner technologies and low-carbon infrastructure, while maintaining resilience and security of supply.

In parallel, the Aston site is being developed as a strategic contributor to the expansion of the Birmingham heat network. The connection of Aston into the wider network will enable it to support heat supply across a broader geographical area, improving efficiency and resilience at a system level. Increasing the MCPD permitted capacity ensures that the site can meet its role within the expanded network, accommodate growth in heat demand, and contribute effectively to a coordinated, low-carbon heat supply for Birmingham city centre.

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