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SUBJECT - LETTER OF SUPPORT FROM UKAEA

UKAEA has remained in touch with Statera Energy since its engagement with the earlier battery storage project consented by SODC in 2016. The proposed development by Statera Energy would provide the UKAEA Culham Science Centre with an enhanced connection to the UK National Grid that will give it greater power security, resilience and stability. This will contribute significantly to one of the UK's goals for the campus to continue to be a world leading fusion facility, driving growth and employment in the region.

UKAEA would be pleased therefore to support the Statera proposal which gives specific benefits to UKAEA. These are listed below:-

Benefits to Culham Science Centre

The proposed development by Statera Energy provides the Culham Campus with several direct and indirect benefits:

- 1) **Resilience.** An alternative cable route to supply electricity will reduce 400kV outages so these would only be very short term if at all. It is also possible that the campus could be simultaneously fed from both points of supply and therefore would have a very high degree of resilience. Design proposals for the future reconfiguration of the UKAEA substation will allow UKAEA to secure additional supplies for facilities in the future.
- 2) **Stability.** The response of the National Grid at UKAEA's connection point will be substantially stabilised by the Statera Energy proposal so indirectly helping gain approval for facilities which have fast changes and large power requirements.
- 3) **Financial benefits.** Annual electrical connection costs that are currently met by UKAEA will be reduced as these costs for the reconfigured substation will be shared nationwide by National Grid as part of its transmission network costs.

- 4) **Attractiveness.** The Culham Science Centre is a unique science and technology park with high-power National Grid connectivity. Increasing the resilience of this high-power connection will help CSC attract tenants, future fusion facilities and create the opportunity to locate facilities such as high-power advanced computing, thus attracting new businesses to Culham.
- 5) **Opportunity.** This proposal would increase UKAEA's ability to deploy assets such as the JET flywheel generators or consider new large scale generator R&D opportunities.

Thank you .

Antonia Jenkinson .

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