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# PROJECT PROFILE

**Client:** Exagen

**Location:** Gloucestershire

**Sectors:** Renewable energy

**Services:** Transport Planning

**Project overview:** Support with all transport-related issues, including access and visibility, review of routes and traffic volumes during the operational and construction phase of the development.

**Added value:**

- Facility to store and release energy when needed
- Reduced reliance on foreign gas
- Biodiversity net gains of 37%

## Brockworth Road Energy Reserve, Gloucester

Proposals to build a battery energy storage system (BESS) at the Brockworth Road Energy Reserve in Gloucester were approved by Tewkesbury Borough Council.

Motion successfully dealt with all transport-related issues. Support included preparation of a Transport Statement and Construction Traffic Management Plan, Swept Path Analysis, access advice, passing bay plan design and visibility splay plans.

The team needed to address questions relating to the site’s two potential access points, with visibility being a principal concern. All available access points and routes were reviewed during the initial appraisal to determine the best option, taking into consideration the site’s proximity to the M5 motorway network and A417 trunk road, and the pre- and post-construction phases. Following initial recommendation from National Highways for more information to be submitted, Motion’s additional reporting addressed all points raised and resulted in no objection.

The construction phase of the development will lead to an increase in traffic on the road network surrounding the site for a temporary 24-week period. Motion demonstrated that the small changes in vehicle movements would have a de minimis impact on highway capacity.



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