

1 Energy Commentary

1.1 General

This Energy Commentary Document has been prepared by BPP Ltd on behalf of Dominvs in support of a planning application for an additional 9 bedrooms at the existing hotel, Courtyard By Marriott Oxford, 15 Paradise Street, Oxford, OX1 1LD. The building is located in Oxford City Council area.

1.2 Planning Context

The Oxford Local Plan 2036 (adopted 8th June 2020) provides the context for this statement. In Line with Policy RE:1 Sustainable Design and Construction as the planning application is under 1000m² then an Energy Statement is not required.

1.3 Impact of Services

Space thermal conditioning is presently done by a multi split air source heat pump, also commonly referred to as a VRF/VRV system. This will also be the approach for the new bedrooms and thus no additional fossil fuels for space heating will be emitted as part of this proposal. Existing external plant will be relocated and accommodated in the existing plant enclosure in the change.

The Domestic Hot Water is presently achieved using a gas fired system and CHP unit. This can accommodate the new bedrooms without upgrading the plant provision.

Other elements such as ventilation, lighting and controls will be in line with the Building Regulations Part L 2021

1.4 *Impact on Fabric*

The present fabric will generally remain apart from any elements that need to facilitate the extension. In line with Building regulations Part L 2021 new build /replacement elements will be at least:

Item	Value	Unit
Roof	0.16	W/m ² K
Wall	0.26	W/m ² K
Windows	1.6	W/m ² K

1.5 *Conclusion*

In conclusion the extension will not impact the present energy strategy and can be accommodated within the existing infrastructure.