

Statement for Policy JP- S2 Carbon and Energy: Energy Statement

The proposal is for a new boiler workshop to the employment site which will provide a building space for large train vehicles/boilers and rolling stock to be worked on in a covered area.

As shown on the proposed plans, the building will feature large doors to enable access by large vehicles and equipment, some or all of which will be left open during working hours. As a result, the provisions for insulation and internal heating requirements to the building are modified by the user requirements.

The external materials utilised for the building will be to relevant standards and construction practices, however the reference for energy efficiency, carbon emissions and BREEAM as referenced in the policy is not relevant to this building element of the proposal.

The applicants are reviewing options for solar panel provision to the roof to generate site energy (in line with the solar provision on the existing main northern building), however final confirmation is to be undertaken at a later detailed design stage and via a cost review.

The proposed office extension will be designed and undertaken to current Building Regulations Part L requirements in respect of construction and building insulation/ energy efficiency considerations, with all provisions detailed at building regulations stage post planning permission. This will include reference to SAT calculations as necessary.

Main considerations will be to wall and roof insulation, double glazed thermal window insulation and energy efficient boiler and heating system to minimise energy demand / maximise energy efficiency of the proposal; as referenced above, solar panels on the existing main site building providing energy to the site operations and existing office/ administration area will be utilised for the extension area also.

The proposal is therefore considered in accordance with the relevant main aims of part 5 (a) 2025 (i,ii and iii) and interim considerations via Part L Building Regulations of this Policy of PfE.