CHANGE 28 - PERMANENT ABOVE GROUND SWITCHGEAR HOUSE FOR POWER SUPPLY - PATRINGTON PRELIMINARY ENVIRONMENTAL INFORMATION

To assist consultees, the following provides preliminary environmental information, equivalent to that presented at statutory consultation in the Preliminary Environmental Information Report (PEIR). It also explains how this change will be assessed in the Environmental Statement (ES), which will be published when the Development Consent Order (DCO) application is accepted for Examination.

Agriculture and soils	As there is additional permanent land take this will need to be assessed as part of the ES. Unlikely to change the significance of effect given the relatively small size.
Air quality	The additional air quality emissions during construction will need to be assessed as part of the ES. As the closest residential receptor is c.500m away, however the emissions are anticipated to be small, no additional significant effect is anticipated.
Ecology	As there is additional permanent land take this will need to be assessed as part of the ES. Unlikely to change the significance of effect given the relatively small size and location within agricultural land.
Climate	The climate implications of the additional switchgear house will need to be assessed as part of the ES. No additional significant effect is anticipated.
Greenhouse gases	The additional emissions during construction will need to be assessed as part of the ES. The emissions are anticipated to be small, no additional significant effect is anticipated.
Ground conditions / hydrogeology	As there is additional permanent land take this will need to be assessed as part of the ES. Unlikely to change the significance of effect given the relatively small size, agricultural location and because there is no Source Protection Zone (SPZ) present.
Cultural heritage	As there is additional permanent land take and a new structure above ground this will need to be assessed as part of the ES. Buried archaeology could be present but would need to be assessed.
Landscape	As the switchgear house is a new above ground structure this will need to be assessed in the ES. However, as it is located within the footprint of the Patrington AGI, the two will be assessed together for the ES. No additional significant landscape effect is anticipated. The methodology for assessing the Patrington AGI was set out in Chapter 12 of the PEIR. No new landscape photography will be required.
Noise	The additional noise during construction will need to be assessed as part of the ES. However, it is assumed that the switchgear house will not generate noise and as the closest residential receptor is c.500m away no additional significant effect is anticipated.
Socio economics	The additional construction will need to be assessed as part of the ES. As the closest residential receptor is c.500m away no additional significant effect is anticipated.
Health	The additional construction will need to be assessed as part of the ES. As the closest residential receptor is c.500m away no additional significant effect is anticipated.
Traffic	The additional traffic will need to be assessed as part of the ES. As the additional traffic (the switchgear house is unstaffed and visited very occasionally for maintenance) is anticipated to be low no additional significant effect is anticipated.
Waste	The additional waste and material during construction will need to be assessed as part of the ES. Given the small size, no additional significant effect is anticipated.

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Hydrology and drainage	As there is additional permanent land take this will need to be assessed as part of the ES. Unlikely to change the significance of effect given the relatively small size and no risk to rivers identified in the immediate area.
Major accidents and disasters	No new major accidents or disasters have been identified in relation to this change.
Coastal	The closest coast is c. 3.4km away, therefore no new significant effect identified.
Cumulative effects	This will need to be assessed as part of the ES but is unlikely to change the significance of effect given the relatively small change.

Summary	**The design changes detailed have been considered and, whilst these are yet to be assessed fully in the Environmental Statement, they are unlikely to introduce any new significant environmental effects. This means that the preliminary assessment of potential impacts reported in the Preliminary Environmental Information Report published at statutory consultation is unlikely to change.**