

HS2



Providing power to the railway

To provide power to the railway, we need to connect into the National Grid network at a number of points along the route.

These sites, known as autotransformer feeder stations (ATFS), will house the equipment required to make this connection. To allow sufficient space for this equipment, these sites need to be approximately 200m by 135m and approximately 8m high. Along the Phase 2b route we currently think we need ATFS sites in the following locations:

- Kingsbury, North Warwickshire
- Thurcroft, near Rotherham
- Bottom Boat, near Wakefield
- Kegworth, Leicestershire
- Hoo Green, Cheshire

In addition to the ATFS sites, we also need a series of smaller sites every three miles (5km) along the route to house equipment required to boost the power available to the trains. These sites, known as autotransformer stations (ATS), will need to be approximately 50m by 20m in size.