HS2 fails the Northern Powerhouse Challenge

The Northern Powerhouse is the Government's programme to transform the economic performance of the North, and the development of 'HS3' transpennine high speed rail links is crucial to improve connectivity between the region's principal cities.

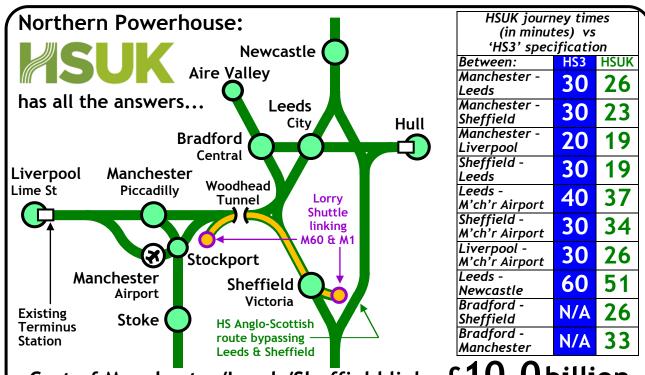
Leeds, Sheffield and Manchester lie at the heart of the Northern Powerhouse, and it is the improvement of rail links between these 3 cities that will determine the fundamental shape and performance of Northern Powerhouse Rail (NPR).

The HS3/NPR concept arose from the failure of the original HS2 proposals to provide improved transpennine links or even to recognise the need for such links; yet the routes and stations proposed for HS2 in the Northern Powerhouse region are to be adopted as basic building blocks in the development of NPR.

The folly of this disjointed approach is exemplified by HS2's proposed terminus stations in Leeds and Manchester. These would not allow the running of through services e.g. from Hull to Liverpool, vital for efficient links between Northern cities. Also, the easterly alignment of HS2 through Yorkshire is incompatible with any single 'HS3' transpennine high speed line, which might link Manchester to Leeds *and* Sheffield. This leads to a general failure to meet the full Northern Powerhouse journey time specification – see opposite – and a requirement for 2 separate new transpennine routes, each with a tunnel over 30km long.

In complete contrast, HSUK's transpennine high speed route via Woodhead achieves all of the journey times and the capacity and connectivity gains specified for the Northern Powerhouse, including direct links from all major cities to Manchester Airport.

HSUK's detailed cost comparisons indicate that its proposals to interlink Manchester, Leeds and Sheffield will cost around £7 billion less than the disjointed and uncoordinated HS2 and NPR schemes. This applies either to the previous proposals serving Sheffield Meadowhall or to the latest serving Sheffield Midland.



Cost of Manchester/Leeds/Sheffield links: £10.0 billion

