



Work Package 3 – Deliverable 8

Completion of new London refuelling station

One of the aims of HyTEC is to introduce hydrogen vehicles and fuelling infrastructure into London.

Initially the plan was to identify a site in Central London – but after an extensive site search, a suitable location was found at Heathrow airport.

Operation of the London station was planned for July 2012, to meet the commitment of fuelling the 5 x fuel cell hybrid taxis - which were required to operate on behalf of the London Mayor during the summer Olympics and Paralympics.

The plan for the station is to be able to carry out 350 bar and 700 bar fuelling. However the ability of the station to carry out 700 bar fuelling is contingent on the development of a high pressure tube trailer which will deliver hydrogen at 500 bar to the station and allow for 700 bar fuelling.

The delivery of the high pressure tube trailer is reliant on approval of its high pressure vessels for use on UK roads. This approval has been delayed and now is expected by Autumn 2013. As a result – fuelling at 700bar from the Heathrow station is delayed until an upgrade takes place in late 2013 – with 700 bar fuelling at Heathrow now expected by Jan 2014.

Operation of the Heathrow station began in July 2012 with the taxis being fuelled to meet their commitments during the Olympic and Paralympic period. The station continues to be able to operate at 350 bar – which meets the needs of the taxis.

The site preparation and planning that is in place at Heathrow accommodates both the existing and upgraded station, so not further activities regarding planning or site preparation are required.

Confirmation of the start of 700 bar fuelling at Heathrow will be referred to in future progress reports.