

From: <email address redacted>
Sent: 19 December 2015 11:25
To: NorthernEvidence Infrastructure-Commission; EnergyEvidence Infrastructure-Commission
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Subject: Northern Powerhouse and North Wales
Attachments: MAP.jpg

North Wales is only 8 miles from the City of Liverpool. Building a tidal power barrage across the River Dee between North Wales and the Wirral peninsula would generate enough electricity to power many thousands of homes and businesses:

- Include a toll road on top of it, to subsidise costs, although it would generate much revenue from selling the electricity.
- Include a commuter railway line on top of it.
- Most of the cost should be met by the Welsh Assembly, as the North Wales economy would see the biggest positive transformation as a beneficiary of such a scheme, largely due to them becoming closely and directly connected into the city centre of the great metropolis of Liverpool City Region and thus the Northern Powerhouse. There is also EU funding available for such projects.

The attached file contains a map showing 2 potential locations for the barrage and connecting roads and rail. Option A is 8 miles in total and option B is 10 miles in total. Both options connect to the M53 and into the existing 8 lanes of road tunnels, and the Merseyrail (Liverpool Underground) tunnel, under the River Mersey directly into Liverpool city centre.

The River Dee is one of 8 sites identified as optimum for a tidal barrage in the UK:

<http://www.darvill.clara.net/altenerg/tidal.htm>

Here is a video of one in France:

<https://www.youtube.com/watch?v=NO1mFMQIMDg>

Regards

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West Lancashire borough is only **2.5 miles** from Liverpool; Cheshire West and Chester borough is only **2 miles** from Liverpool; Warrington borough is only **5 miles** from Liverpool; North Wales is only **8 miles** from Liverpool.