

TECHNICAL ISSUE'S REGARDING PYLONS

POSSIBLE QUESTIONS TO ASK AT THE CONSULTATION DAY – record all the answers you get (or failures to answer!) and the name of the National Grid advisor and maybe use them on your feedback forms as they can demonstrate the inefficiencies or inaccuracies of their consultation process.

- How much of a power drop is there per 1km of overhead line?
- Is there a difference in power drops in overhead lines to underground cables?
- If there are power drops, what happens when the windmills aren't generating? Will there be power losses in the lines of the electricity generated by the gas, coal or nuclear power that needs to be constantly running as a back up?
- Can flooding with whole trees stacking up against pylons cause damage to the pylons or even the surrounding land?
- The Vyrnwy valley is very tight and narrow with very little woodland cover, this goes against the Holford rules. How do they propose to deal with this?
- What are the health issues relating to housing near 400Kva lines? Would you send your child to a school near these lines?
- How many individual trips of construction traffic will there be per kilometre of line?
- How many cubic metres of concrete is there per pylon?
- How many tonnes of steel are there per pylon?
- What is the carbon footprint of the cables and pylons per kilometre, this must include the manufacturing process, installation and maintenance to a known lifespan.
- What is the cost per kilometre for installing overhead lines.
- What are the costs of burying cables underground?
- Are there restrictions to burying cables underground?
- Also, Meifod is not listed on their maps, does this make the consultation for Meifod invalid?

POSSIBLE RESPONSES FOR THE FEEDBACK FORMS – use answers you have had from the consultation staff with your own reasons for refusing to accept the pylons coming down the Vyrnwy valley.

- The Vyrnwy valley has no industrialisation: - No railways; No major road systems; No major overhead lines; No existing pylons; No industrial parks – a valley totally unsuitable for a 400 Kva route.
- The Vyrnwy valley is narrow and sparsely wooded – a valley totally unsuitable as a route for pylons
- We would only consider a 400 Kva route down the Vyrnwy valley if it was all laid underground from the sub station right through to the Shropshire connection point; as the costs of laying cables underground are much less than NG have stated there is no reason not to do this.
- As the Vyrnwy valley has only one road up it, the congestion caused by bringing equipment up to the substation would be crippling if not impossible.
- State somewhere on your form that you have copied it for records.