

Thank you for your reply but to say I am very disappointed with your vision of Britain's power generation until 2025 would be a massive understatement!

It has been quoted that it will cost £200billion to bring the current power stations up to scratch – I assume this includes new nuclear power stations? As we have seen in the past, this figure will probably be nearer to £400billion when work is carried out. This is another huge debt for the taxpayer on top of the debt incurred by the banks.

I believe that steam is used to achieve the motion required within a turbine to generate the electricity. A magnetic power source can be used instead of steam to achieve this same rotation. It is a simple mechanism that could be bolted onto existing turbines – a power station could be converted within a matter of weeks (if not quicker). All of Britain's power stations could be converted in less than 2years. Because there is no external fuel source, power stations have land in which to house further generators – there would be no need for new power stations.

The whole exercise would cost a fraction of the £200million quoted and would see an end to nuclear waste.

Again, why is magnetic power not being treated as the main (if not only) solution to Britain's power generation requirements?

I look forward to your response.

David Houghton

On Tue, Oct 20, 2009 at 5:36 PM, Project Discovery

Dear David,

Thank you for your email regarding Ofgem's Project Discovery, and apologies for the delay in responding to your query.

In our four Project Discovery Scenarios we have considered potential changes to the GB power generation mix over the period to 2025. In this analysis we have focused primarily on existing generation technologies, and have not included any introduction of magnetic power as it appeared unlikely that it could be part of the GB generation mix by 2025, which is the time period that we are looking at. However, we are keen to gather as much feedback as possible as part of the consultation process, and will take your comments into account when we evaluate our scenario assumptions.

If you have any further questions or information, please do not hesitate to contact the Project Discovery team on

Regards,

Project Discovery Team

**From:** david houghton

**Sent:** 10 October 2009 07:17

**To:** Project Discovery

**Subject:** green power stations

I searched for 'magnet' in your document and it was not found. Magnetic power is clean and requires no external fuel source. It would not cost anywhere near £200billion to convert existing power stations. Existing power stations can accommodate more turbines by using the areas currently required for fuel storage, cooling towers, etc.

Carbon emissions from power stations would be virtually nil. The cost of electricity would be virtually nothing and, instead of 60% increases in energy costs, a 95% reduction would be more realistic!

Because of the cheapness of the electricity produced, electric cars could be compulsory leading to further reductions in carbon emissions.

Can you tell me why magnetic power is not being considered as the driving force for the turbines in power stations?

David Houghton