I work for Rolls-Royce Energy as a Systems Solutions Engineer for our global power generation business utilising our aero-derivative products and high efficiency reciprocating gas engines. Previously I have worked as an Engineering Manager for an Energy Supply Business in the UK looking after gas fired power plant and some small wind farms. Prior to that I held various roles in the design, installation and commissioning of all types of Power Plant.

I have a particular interest in providing economic flexible generation to secure physical delivery of electricity with Grids connected to high levels of renewable energy, especially wind generation and in doing so preserving the emissions savings promised by renewable energy.

What kind of evidence are you looking for? There is sufficient evidence and papers available covering fatigue damage to power plant as a consequence of having to cycle. Data is available to predict the type of output from wind generation to extrapolate the actual effect on Grid demand profiles when the UK reaches its renewable targets.

I tend to focus on power generation economics of plant designs that can respond to rapid fluctuations in Grid demand. Is this type of economic and technical analysis something that will be of interest, is it specific plant operators experience or both you are seeking? What is the protocol for submitting this "evidence".

Regards REDACTED REDACTED