

## Comment

# 210795 Peter H Werner

Owner

 Andrew Roberts

### Comment Information

#### CONTACT INFORMATION

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### Details

#### Comments

The concern is PSE's indicated expectation to rely primarily on Wind-Turbines and Voltaic-Solar sources for their provision of Electrical Power to their consumers. - while simultaneously advancing the utilization of BEVs over HEVs. From a practical and engineering prospective - these are each, and particularly both, very wrong headed, and potentially dangerous. The conventional E-Grid requires large-numbers, of relatively large-scale, 4-pole AC Generators - rotating near-synchronous (1800 RPM) to sustain itself (ie 'Rotating Iron'). Wind-Turbines and Voltaic-Solar systems are simply intermittent diluted sources of Power - they are not direct sources of Energy. The expectation that large scale battery systems will suffice as E-Energy 'reservoirs' is as illogical as considering empty tanks as sources of fuel - ie. the battery systems need to be charged (filled) by the same e-power being generated by W & S, Do they really expect 'excess'? Relying on W & S to satisfy large-scale E-Power provision has proven unworkable around the world - look at Germany and France. There is so much wrong with the concept - and I dearly want to be a contributor to the 'conversation. I am a retired Electrical Engineer who spent most all of my professional life engaged in the conversion and control of electrical and mechanical power and energy - as well as the development of large-scale EVs. For my and my neighbors' sakes, please engage me. Thank You - Peter H Werner, PE

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**Related Case Information**

**Case Number**  210795

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**Owner**  Andrew Roberts

**Staff Case Lead**  Jennifer Snyder

**Themes**

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