

## How ensemble forecasts enhance the energy sector

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Solar and wind generation are obvious examples of where good weather forecasts are important, and so we will start there. As we go into a little detail about the influence of renewables on the supply/demand balance, it will become evident that the temporal and spatial coherence of ensembles are a good match to the largely instantaneous, and interconnected, nature of power systems. Renewables are only one element of the energy sector, and as we broaden our view we will show how ensemble forecasts help in decision making –both financial and environmental.

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