

Demand forecasting methodology information paper

Comment 30/11/18

1 Transparency

The paper provides an excellent introduction to the process of forecasting methodology. In general the detail is sufficient to reassure the reader. Further study would require more detailed statistical knowledge.

2 Inputs/drivers

It explains the choice of inputs and drivers for a person familiar with a power system.

3 Methodology detail

The level of explanation of the methodology was sufficient for a basic understanding.

4 Issues

It would seem to cover the known issues as well as can be expected at this time. Perhaps the less reliable/more contentious components, such as the rate of growth of EV's, could be collected, their development shown as a separate curve acknowledged to be far more open to major change. This curve could provide some explanation for perceived lack of accuracy over time.

5 Other matters

A Add desalination plants to large industrial installations.

B I have not seen daylight saving mentioned but I may have missed it and its complexities between States.

C In 5.3 Table 11 there is reference to rolling temperatures. In trying to predict/analyse hot days a possible approach might be to look at the rate of change of temperature is succeeding days as a possible indicator of impending excessive temperature.

D There is an ongoing referral to CSIRO for numerous values and predictions. While I have the greatest faith in this organization I feel that AEMO should seek another prediction source especially for the more contentious matters such as the growth of EV's.

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