

**Select Committee on Energy Planning and Regulation in Australia**  
Answers to questions on notice  
**Climate Change, Energy, the Environment and Water Portfolio**

**Inquiry:** Select Committee on Energy Planning and Regulation in Australia  
**Question No:** IQ24-000174  
**Hearing Date:** 29 October 2024  
**Division/Agency:** National Energy Transformation Division  
**Topic:** Replicating AEMO's work  
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**Question Type:** Spoken

**Senator Canavan asked:**

Senator CANAVAN: It doesn't sound like it's affordable for some of the academics and the like. You might take this on notice, but, even if you did have a licence, could you replicate the work of AEMO? Or is the way they use the model not published enough for people to replicate it?

Mr McKissack: AEMO does publish quite a lot of information about the assumptions they use. It's quite an open process. They're used to run the ISP. I think a lot of their assumptions are available. There are a lot of technical documents they release on their website to support the ISP. We saw in Dr Bongers's testimony before us that he does run similar processes, according to his testimony. I think—

Senator CANAVAN: Could you take the question I asked on notice.

Mr McKissack: Sure.

**Answer:**

The Australian Energy Market Operator's (AEMO) website publishes all the information necessary to reproduce the ISP results. The publicly accessible downloads include:

- Complete PLEXOS models and input files for the ISP
- Instructions for setting up and running the model
- Assumptions and inputs
- Analysis and reports on the results
- ISP methodology.

The prerequisites to execute the ISP models are a licenced copy of PLEXOS and a computer with enough memory (currently around 128GB).