

SOUTH WEST INTERCONNECTED SYSTEM

380. Hon Dr BRAD PETTITT to the parliamentary secretary representing the Minister for Energy:

- (1) Is the minister aware of modelling recently published in *Renew Economy* that shows that 85 to 90 per cent of renewables on the south west interconnected system electricity grid would deliver cheaper electricity than currently provided on the SWIS, which has only around 30 per cent renewable energy, and would also emit around nine million fewer tonnes of CO₂ per year?
- (2) Is it correct that the Western Australia government's current *Whole of system plan*, the most plausible generation plan for 2040, will emit six million tonnes more CO₂ than 90 per cent renewable energy?
- (3) Has the government modelled and costed 85 to 100 per cent renewable energy electricity on the SWIS and the emissions reductions achievable by doing this?

Hon MATTHEW SWINBOURN replied:

I thank the member for some notice of the question. The following information has been provided to me by the Minister for Energy.

- (1) Yes.
- (2) The *Whole of system plan* modelled four different scenarios for how the demand for electricity on the SWIS might change over 20 years. It was not a plan for implementation by government.
- (3) The next WOSP process is to commence shortly with stakeholder consultation on the different electricity scenarios to be modelled. This will include a consideration of how to meet the net zero emissions by 2050 commitment in the Western Australian climate policy. The final WOSP report is due to be delivered in 2023.