

### **Answer to question on notice – AGL Energy**

On page 41, The Chair of the Committee asked AGL a question about our overseas experience and Ms Butler noted 'we would take that on notice'. In response to this, we would like to provide the following supporting commentary:

*China accounts for 99% of the current global electric bus fleet (source: BloombergNEF Global Electric Bus Market, 2019), so they are a good country to look to for experience. AGL executives recently went on a study tour of China and met with State Grid, the world's largest electricity utility. State Grid Electric Vehicle Services (SGEVS) have experience deploying and operating an intelligent charging network for electric vehicles, including buses and currently operate over 320,000 charging locations. SGEVS have recognised the importance of charging orchestration (intelligent systems management for vehicle charging infrastructure to optimise the integration of electric vehicles with the grid) and cited that compared to an unmanaged charging scenario, orchestration will reduce the incremental cost otherwise required to reinforce the electricity network by 90%.*

*By using lessons learned from overseas, an integrated and coordinated planning approach and intelligent systems management for charging infrastructure, Australia has an opportunity to transition to electric buses in a least cost approach.*