Highlights

**Financial viability analysis of workplace charging using an agent-based modelling approach**Sebastian Lange, Dominic Goh, Peter Sokolowski, Mahdi Jalili, Xinghuo Yu

* Proposed an economic framework for workplace charging using an agent-based model

* Implements dynamic charging behaviour considering multiple charging sources

* Developed a risk-sensitive charging strategy optimised for minimising charging costs

* Charging preference is dependent on workplace pricing and charger availability
* Long-term revenue is affected by residential solar penetration level