

3rd International Conference on**PHARMACEUTICS & NOVEL DRUG DELIVERY SYSTEM**

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Battery Energy Storage: Current & Future Trends

This presentation highlights the relevance of battery storage as a means to electrical power resiliency against climate change, ageing grids and renewable power fluctuations. The presentation is scoped to the move of centralized to decentralized distributed architecture as a result of grid-scale battery deployment at the distribution network level. A case study on solar power fluctuation at a distribution level feeder circuit is illustrated with the

deployment of energy storage to smoothen the fluctuations. An overview of different types of storage applications and maturity of energy storage technologies is presented, albeit the fact that battery price is falling rapidly within these few years. Insight into some battery projects, including a microgrid, completed in the Asia Pacific region is also shared in this presentation.

Biography

Dr Terence Goh has more than two decades of experience in energy systems related to energy storage, microgrid and solar renewable. He has led business development and closed successfully several projects in the renewable space across the APAC region. He is an authority and thought leader on both Solar Renewable and Energy Storage and has been a keynote speaker at several international conferences (Australia All Energy Conferences 2015, 2016, Australia Energy Storage Conference 2015, SIEW 2017). He was one of two world-wide speakers invited to Thailand's EGAT/ PEA/ MEA/ EPPO conference in mid-2017. Recently, he was invited as a keynote speaker to CISOLAR2018, Ukraine, to present on energy trends in APAC.

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