NEXTGEN Power Professionals Seminar Program – Tuesday 2 September 2025 - Adelaide Convention Centre, City Rooms 3&4

Time	Session	Activity
9:00 – 10:30	**Morning session 1 (90mins)**	**Conference welcome + keynote speakers**
10:30 – 11:00	**Morning tea**	
11:00 – 12:30	**Morning session 2 (90mins)**	**Professional and Personal Development for the NEXTGEN**
10mins	NEXTGEN Seminar Welcome	NEXTGEN Seminar open and overview of the day Adrian Lloyd, Natasha D'Silva
40mins	Digital Tools Workshop	Digital tools and AI for Power Industry by Microsoft Copilot Jon Eime & Felicity McNish
40mins	Technical Tutorial	Tutorial - Network Connection Deep Dive Joseph Leung, Principal Engineer, Associate, Regional Manager (VIC), DIgSILENT Pacific
12:30 – 13:30	**Lunch**	
13:30 – 15:00	**Afternoon session 1 (90mins)**	**Engagement and Insights from the Power Industry**
5mins	Session intro	Open the session - Adrian Lloyd
35mins	Technical Essentials Presentation	An introduction to Australian energy regulations, rules and the regulatory process Rainer Korte, Commissioner, AEMC
50mins	**NEXTGEN Open Mic Session**	
	Group Discussion	**Problem Statement:** *In our evolving and smarter electricity grid, energy customers are better informed and enabled to influence how they interact with electricity retailers, networks and the market.* *What are some of the power industry challenges or opportunities posed by new and emerging technologies?* Multiple NGN member speakers (3min each): Angus Chen, Sanskriti Kharel, Emma Dyson, Maui Ramos, Georgia Conechado, Nathan Crooks, Jenny Gannon (CIDER) & Rob Coggan (SEAPAC)
15:00 – 15:30	**Afternoon tea**	
15:30 – 17:00	**Afternoon session 2 (90mins)**	**NEXTGEN Technical Presentations**
5mins	Session intro	Open the session - Inez Zheng
12mins	Technical Presentations	AI-Driven Scheduling of BESS for MSL Management within the NEM Jack Burgemeister
12mins	Technical Presentations	Considerations of an IEC 61850 Process Bus in a Distribution Substation Avisa Agustina
12mins	Technical Presentations	Suitability of Legacy Reliability Indices for Next-Generation Distribution Grids Kunj Thekdi
12mins	Technical Presentations	Harnessing Graph Models to Prevent Distribution Asset Bushfires Esandi Kalugalage
12mins	Technical Presentations	Smart Parking and EV Charging Spot Finder Mohammad Imamul Hossain
12mins	Technical Presentations	High-Voltage reinforcement in the Eastern South-West Interconnected System Danielle Peralta
10mins	Q&A	Q&A Panel with all presenters
5mins	Day Close	NEXTGEN Seminar wrap up - Adrian Lloyd, Natasha D'Silva
18:30 – 22:00	**Evening**	**NEXTGEN Networking Event (offsite – West Oak Hotel)**