

Annual presentation to Australian Technical Committee – November 2025

Australian Panel (AU C5)

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Convenor CIGRE AU C5

AU C5 Report 2025

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cigre

For power system expertise

Scope of SC C5 -

Wholesale and Retail Market rules

- Trading
- Bidding/Dispatch
- Spot price formation
- Settlement
- Competitive Access

Regulation

- Economic regulation of networks revenue/price caps, WAC
- Surveillance and enforcement
- Regulated Access
- RRO et al

- Reliability & reserves
- System Adequacy
- System security
- Metering

- Certificate of origin mechanisms
- Consumer storage & V2G
- Consumer electrification

- Consumer engagement
- Consumer energy initiatives
 - LEC, VPP, Microgrids et al)

Follow the money - it starts with C5



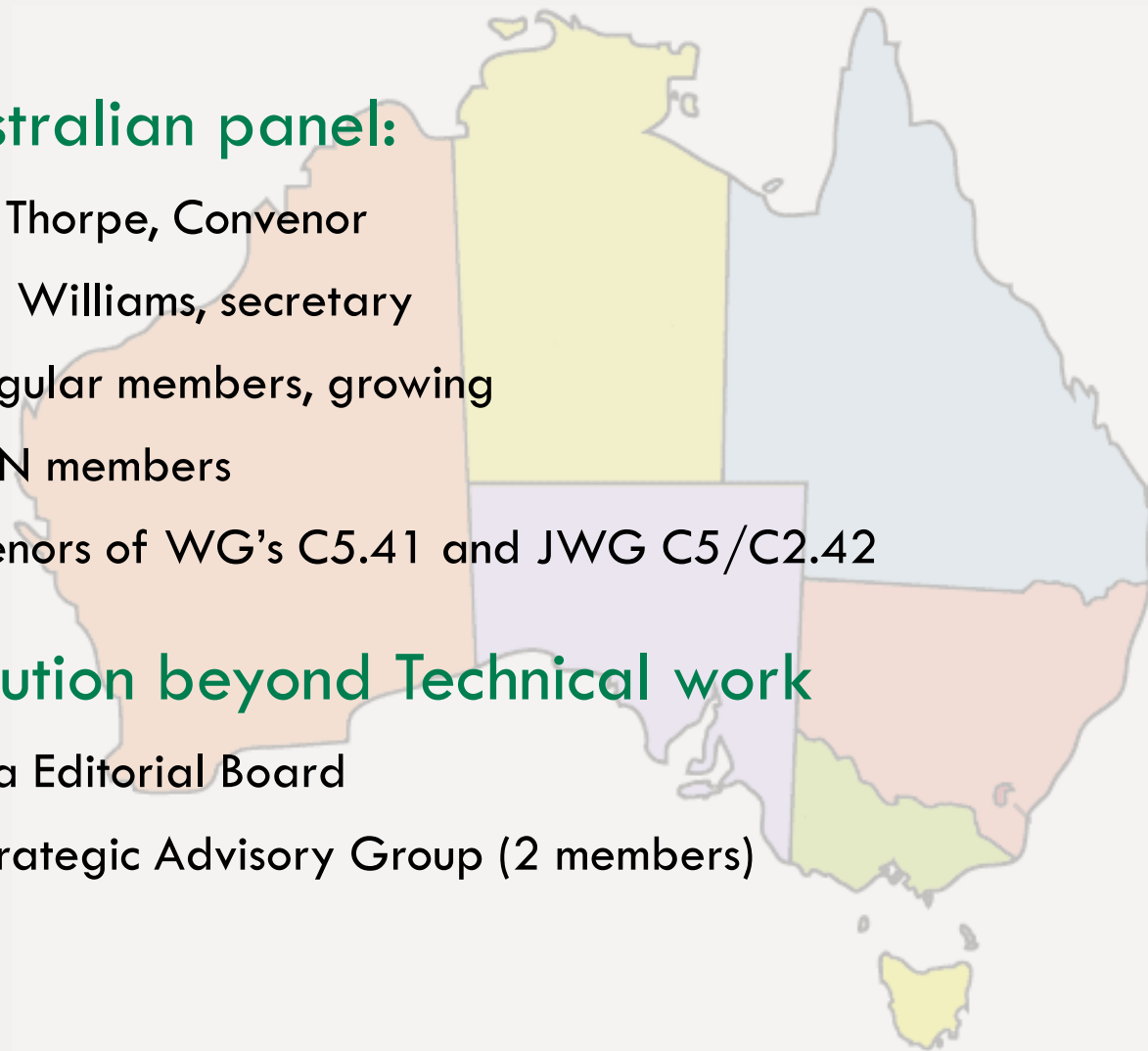
Australian Panel AU C5 – Markets and Regulation

The Australian panel:

- Greg Thorpe, Convenor
- Pippa Williams, secretary
- 18 regular members, growing
- 3 NGN members
- Convenors of WG's C5.41 and JWG C5/C2.42

Contribution beyond Technical work

- Electra Editorial Board
- C5 Strategic Advisory Group (2 members)



C5 Preferential subjects

- **Market and non-market approaches to support the energy transition (PS1)**
 - Ensuring resource adequacy and supporting investment decisions
 - Cost allocation for the energy transition: who owns and who pays
 - Trade-offs between markets and regulatory approaches
- **Reliable price signals and regulations across the value chain (PS2)**
 - Tools and approaches for markets to withstand adverse events and shocks
 - Consistent end-to-end price signals to integrate emerging technologies, distributed energy resources and energy communities
- **Applying practical experiences to emerging issues (PS3)**
 - Integrating various electricity markets with emission reduction approaches and long-term contracts
 - Market designs and products to deal with increasing short-term uncertainty
 - Data analytics in electricity markets, market surveillance and transparency

C5 International Working Groups: topics/convenor country

TOPIC	Convenor country
Accounting for short duration storage in capacity assessment (JWG)	Australia
Evolution of real time spot price formation – impact of near SRMC resources & storage value	Australia
Regulation and market design for electrification	France
Evolution of Retail Competition	Brazil
Market and regulatory implications of non-firm grid access	(Australia)
Certificate of origin	China
Extension of useful life of transmission assets	Brazil
V2G impacts on trading and reliability	US
Cost impact of flexible demand response	US
New Energy Market – local energy communities	US

Australian Panel AU C5 – future

- Maintain momentum of recent panel interactions and meeting
- New convenor and secretary 2025/26 – transition
- New members – diversity, NGN involvement for future
 - Recruitment and induction process
 - Consider sub committee
- Continue successful 2 yearly cycle
 - Paris (even) years
 - heavy emphasis on preparation for GDM
 - conduct of Large Disturbance Workshop
 - Non-Paris (odd) years – focus on WGs, guest speaker +
- Target webinar topics and program



Australian Panel AU C5

Thank you for your attention

Questions ??

