



Smart Community Summit

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Current

- The Smart Grid, Smart City trial is complete – final report to be published shortly;
- The Victorian Advanced Metering Infrastructure benefits are beginning to accrue;
- Advances in comms and energy technology have won over consumers; and
- AEMC ‘Power of Choice’ reforms – leading to metering competition and attracting new players.



Current issues

- Critical issues – quality, reliability and security of power supply. smooth integration of renewables and electric vehicles, price of electricity;
- Smart grids will balance supply and demand and handle multi-directional ‘any-to-any’ power flows in the future;
- Electricity consumption constitutes one-third of Australia’s carbon emissions, so efficient energy consumption is crucial;
- Consumer choice and participation in electricity supply chain; and
- SGA sees value of continued investment to modernise the electricity grid and promote consumer engagement.



Recommendations

- Political and industry leadership to agree on future structure and rules, including:
 - Separation of regulated and unregulated services
 - The range of possible customer services
 - Roles and responsibilities for market participants
- An approach that will realise the full value of technology and new product/service offerings – including tariff design, market relationships and systems;
- A broad national regulatory framework for nationwide transformation under ‘one plan’; and
- A new market system for participation, including defining how to accelerate progress and encourage engagement.



BUILDING OUR ENERGY FUTURE

THANK YOU

**Paul Budde
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