



AusEng

Business, Policy & Strategy

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AusEng is an independent Australian engineering and scientific firm providing analysis, investigation, and advisory services across electrical, energy, and technology systems.

Our work is structured around three complementary pillars:

1. Independent Engineering & Scientific Analysis

Engineering-led and scientific analysis of electrical and energy systems, including measurement, modelling, standards interpretation, and technical review. This work supports evidence-based decision-making in complex and high-consequence environments.

2. Fire Forensics & Failure Investigations– Electrical & Energy Systems

Independent investigation of fires, failures, and system incidents involving electrical and energy systems. Services include origin and cause analysis, assessment of contributing factors, and reporting suitable for regulatory, coronial, insurance, and dispute contexts.

3. Business, Policy & Strategy

Advisory services to governments and businesses on policy, regulation, standards, and market frameworks affecting energy and technology systems. This work draws on engineering and scientific evidence to inform practical and implementable outcomes.

Pillar 3 - Business, Policy & Strategy

The following sections describe AusEng's Business, Policy & Strategy activities in detail.

We help governments and businesses create favourable environments for their products and services, especially in the energy and environment space. Our work enables:

- Businesses to better understand their operating space, uncover risks and opportunities, and sharpen strategic thinking
- Governments to improve policy, regulation, industry practices, standards, and codes of practice

We augment internal resources by bridging business and technology, offering expertise in:

- Business and financial analysis
- Economic modelling and regulatory impact statements
- Technology commercialisation and strategy implementation
- Standards and codes development
- Project management and delivery
- Stakeholder consultation, forums, and workgroups
- Communication, market research, and advocacy
- Independent reviews and technical analysis

Our approach involves understanding client challenges, setting clear goals, selecting the right processes and people, and executing strategy with impact. Example engagements include regulatory reform, market transformation, grant applications, and dissemination of complex information.

How We Help

Our work has led to measurable results including:

- Improved vehicle charging regulation
- Reduction in carbon emissions
- Enhanced infrastructure and societal benefits
- Growth in copper and optical fibre sensor markets
- Improved education and training outcomes

We support outcomes through direct engagement, thought leadership, and collaboration with stakeholders. We drive improvements across sectors by producing research, facilitating forums, and informing policy and standards.

Key Initiatives

Forums & Events

We run impactful forums like the Residential Energy Management Forum (REMforum), which produced actionable recommendations on residential energy use.

Publications & Reports

We contribute to a wide range of influential industry reports, such as:

- SADEM evaluation of international standards for electric vehicle chargers
- AEM Industry Report
- APEC Distribution Transformer Survey
- Energy Management Opportunities – Electrical Leaders Forum
- Pool Pump Efficiency Studies (DEWHA & AGO)
- REMforum Industry Report
- IE4 Motors and Cable Efficiency Analysis

Submissions We have provided input to high-level government consultations, including:

- Prime Minister's Task Group on Energy Efficiency
- House of Representatives NBN Enquiry
- RIS for MEPS on Distribution Transformers

Standards Development We contribute to standards through stakeholder engagement, drafting, and impact assessments, covering areas like:

- Public safety and environmental concerns
- Market failures and economic analysis
- Legislative alignment and risk mitigation

Who We Help

Our clients span government, industry, and academia. Key organisations we have supported include:

- Government: SA Department of Energy and Mining, Australian Greenhouse Office, Department of Climate Change & Energy Efficiency, Department of Industry, Victorian Ombudsman
- Industry: ABB, Cummins, Halliburton, Origin Energy, Sigma Cable (Singapore), Transgrid
- Research & Advisory: University of Sydney, International Copper Association, Asia Pacific International College