

# 2016 AUSTRALIAN SUMMER STUDY ON ENERGY PRODUCTIVITY

*empower a brighter tomorrow*

Sydney 24-26 February, 2016

Energy Efficiency • Demand Management • Distributed Generation • Renewable Energy • Innovation

## Wednesday 24 February, 2016

8:00 am - 8:45 am

*Registration with coffee & tea on arrival*

8:45 am - 10:30 am

### **OPENING Plenary - Chris Dunstan (Chair)**

Jonathan Jutsen, Chairman, Australian Alliance to Save Energy

Steve Nadel, Executive Director, American Council for an Energy Efficient Economy (ACEEE)

The Hon Mark Speakman, NSW Minister for the Environment

Dr Steven Kennedy, Deputy Secretary, Department of Industry, Innovation and Science

Dr Alan Finkel AO, Chief Scientist

10:30 am - 11:00 am

*Morning Tea*

11:00 am - 12:45 pm

### **International leadership in Energy Productivity and Energy Efficiency**

Adjunct Professor The Hon Robert Hill AC, Adjunct Professor in Sustainability, United States

### **Doubling Energy Productivity in Food and Agriculture**

Andrew Chamberlin, Project Manager, Energy, Queensland Farmers' Federation  
Glenn Harris, Project Manager.

### **Price of Progress? Creating customer-friendly Electricity Network and Retailer Tariffs**

Dr Lisa McDonald, Manager, Products, Ergon Energy Retail  
Matthew Jones, Energy Sector

### **Engines of reform: Cogen/Trigen, Bioenergy and Gas Fired Local Generation**

Craig Chambers, Market Sector Director - Power Generation, AECOM

<p>Studies Centre, University of Sydney Wei Sue, ClimateWorks Australia Kateri Callahan, President, US Alliance to Save Energy Dr Nicholas Howarth, Research Fellow, KAPSARC (King Abdullah Petroleum Studies and Research Center) Mona Yew, Director, China DSM and Energy Efficiency Project at NRDC</p>	<p>Project Akuna, MSF Sugar Limited Charlie Hollingsworth, General Manager Asset Management, Teys Australia David Eyre, General Manager, Research &amp; Development, NSW Farmers John Hoekstra, Director of Sustainability, Schneider Electric Energy &amp; Sustainability Services Jack Holden, Sustainability &amp; Social Responsibility Manager, Fonterra Australia Ltd</p>	<p>Development Branch, Department of Economic Development, Jobs, Transport and Resources Robert Smith, Economist, East Economics Richard Owens, Senior Director, Transmission and Distribution Networks, Australian Energy Market Commission Rob Murray-Leach, Executive, Policy &amp; Advocacy, Energy Efficiency Council</p>	<p>Dr Amy Philbrook, Manager, Bioenergy and Biofuel Projects, Australian Renewable Energy Agency (ARENA) Dr Michael Smith, Research Fellow, ANU Paolo Bevilacqua, General Manager, Sustainability, Frasers Property Australia</p>
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12:45 pm - 1:45 pm

*Lunch*

1:45 pm - 3:15 pm

<p><b>40% and Beyond: Setting and meeting Australia's Energy Productivity Goals</b> Anna Skarbek, CEO, ClimateWorks Australia Gordon Weiss, Associate, Energetics Sarea Coates, Manager, Energy Efficiency Policy and Engagement, Department of Industry, Innovation and Science Tony Westmore, General Manager, Australian Alliance to Save Energy</p>	<p><b>Doubling Energy Productivity in Resources and Mining</b> Sarah Boucaut, Executive Officer, CEEC International Ltd Joe Pease, Director, CRC ORE Dr Mary Stewart, Group General Manager and General Manager Consulting, Energetics Pty Ltd Philippa Sjoquist, Energy Productivity Strategy Specialist, Rio Tinto</p>	<p><b>Maximising value for energy in the home</b> Alan Pears, Senior Industry Fellow, RMIT University, Melbourne Paul Ryan, Director, EnergyConsult Pty Ltd Gemma Godwin, Department of Industry, Innovation and Science Tim O'Leary, Researcher and Lecturer in the Built Environment, University of South Australia Dr Stephen White, Energy for Buildings Manager, CSIRO</p>	<p><b>Cutting costs with Solar</b> Gabriele Sartori, Senior Adviser, Australian Renewable Energy Agency (ARENA) &amp; Member of Board, Energy Users Association of Australia Tim Buckley, Director of Energy Finance Studies, Australasia, Institute of Energy Economics and Financial Analysis (IEFFA) Genevieve Simpson, University of Western Australia Mike Roberts, Postgraduate Research Student, School of Photovoltaics and Renewable Energy Engineering, University of New South Wales Dr Sven Teske, Research Principal, Institute for Sustainable Futures at the University of Technology Sydney</p>
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3:15 pm - 3:45 pm

*Afternoon Tea*

3:45 pm - 4:30 pm

**4 Minutes of Fame (rapid fire ideas session)**

Giles Parkinson, Editor, RenewEconomy

4:30 pm - 6:00 pm

**Government Leadership in Energy Productivity**

Tony Westmore, General Manager, Australian Alliance to Save Energy  
 Katharine Hole, Executive Director, Strategy Policy and Coordination | Division of Resources & Energy, NSW Department of Industry  
 Dr Sharn Enzinger, Director, Energy Efficiency Energy Policy and Programs, Department of Economic Development, Jobs, Transport and Resources, Victorian Government  
 Antonia Harmer, Manager - Energy Efficiency Improvement Scheme, Department of Environment and Planning, ACT Government  
 Sarea Coates, Manager, Energy Efficiency Policy and Engagement, Department of Industry, Innovation and Science  
 Commissioner David Hochschild, Commissioner, California Energy Commission

**Informal welcome BBQ at Beachside Dojo (located upstairs from Daniel San Restaurant)**

6:00 pm - 10:00 pm

**Thursday 25 February, 2016**

8:45 am - 10:30 am

**Plenary: Building Consensus for Energy Productivity - Stuart White (Chair)**

Philip Sellwood, Chief Executive, UK Energy Saving Trust  
 Kateri Callahan, President, US Alliance to Save Energy  
 Martin Bornholdt, Managing Director and Member of the Board, DENEFF – German Business Initiative for Energy Efficiency  
 Commissioner David Hochschild, Commissioner, California Energy Commission

10:30 am - 11:00 am

*Morning Tea*

11:00 am - 12:45 pm

<p><b>Market Transformation 1: Super-Doubling Energy Productivity in efficient Appliances and Equipment</b>          Shane Holt, Director, Energy Productivity, Energy Division, Department of Industry, Innovation and Science          Steve Nadel, Executive Director, American Council for an Energy Efficient Economy (ACEEE)          Mark Ellis, Consultant, on Standards &amp; Labelling Appliance Programs          Brian F Byrne, Manager, Energy Efficiency Compliance, Appliance Energy Efficiency Branch, Department of Industry, Innovation, and Science</p>	<p><b>Industry and Manufacturing</b>          Brian Morris, Vice President - Energy &amp; Sustainability Services, Schneider Electric's Energy and Sustainability Services          Andrea Trianni, Milan Polytechnic          Philip Woods, Sydney Water          Adam Lovell, Executive Director, Water Services Association of Australia (WSAA)          Tim Edwards, President, Australian Refrigeration Association          Stefan Preuss, Director - Resource Efficiency, Sustainability Victoria</p>	<p><b>Community Engagement in Energy</b>          Tom Grosskopf, Director, NSW Office of Environment and Heritage          Wiktoria Glad, Linköping University          Philip Sellwood, Chief Executive, UK Energy Saving Trust          Nicky Ison, Senior Research Consultant &amp; Associate Member, Institute for Sustainable Futures, University of Technology Sydney          Matthew Parton, Project Manager, Windlab Coonooer Bridge Wind Farm          Jennifer Brook, Research Director, Ipsos Public Affairs</p>	<p><b>Watts in Store? The value proposition of Energy Storage</b>          Geoff James, Energy Storage World Forum          Anthony Englund, Group Manager, Investment Strategy and Solutions, TransGrid          Dr Lisa McDonald, Manager, Products, Ergon Energy Retail          Stuart Slack, Senior Economist, Australian Energy Market Commission          Luke Osborne, Reposit Power</p>
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12:45 pm - 1:45 pm

*Lunch*

1:45 pm - 2:45 pm

<b>Energy Efficiency Certificate Schemes in Australia</b>	<b>Business Leadership - publicly committing to 2xEP</b>	<b>Improving the Availability of Energy Use Data in Australia</b>	<b>These informal sessions have been kept free to allow</b>
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Ric Brazzale, Managing Director,  
Green Energy Trading

Jonathan Jutsen, Chairman,  
Australian Alliance to Save Energy

Dr John McKibbin, Senior Research  
Consultant, Institute for Sustainable  
Futures

**participants at the Summer  
Study to organise their own  
discussion forum on a relevant  
theme.**

2:45 pm - 3:45 pm

**Mission possible? Living in a  
2000-Watt Society**

Roland Stulz, Co-Founder &  
Ambassador, 2000 Watt Society,  
Novatlantis – Sustainability in the  
ETH domain

Martina Blum, Energy Expert, City  
of Zurich

Dr Andreas Luzzi, CEO, Laros  
Technologies

**A2SE, our future and the future  
of energy productivity led by  
A2SE Board Members**

**Towards a customer centric  
grid – considerations for  
technology and policy**

Greg Garvin, Executive General  
Manager, People Strategy &  
Stakeholders, TransGrid

Dr Lisa McDonald, Manager,  
Products, Ergon Energy Retail

Luke Osborne, Reposit Power  
Melanie Koener, Consulting  
Director, Energeia

Adam Crabb, Sales & Marketing  
Manager, GE Grid Solutions –  
Automation

**These informal sessions have  
been kept free to allow  
participants at the Summer  
Study to organise their own  
discussion forum on a relevant  
theme.**

3:45 pm - 4:15 pm

*Afternoon Tea*

4:15 pm - 5:00 pm

**Philips Lighting Short Film Festival, MC: Dr Jonica Newby (Presenter, Catalyst ABC TV)**

5:00 pm - 5:30 pm

*Free Time*

5:30 pm - 7:00 pm

**(meet in foyer for) Harbour Cruise to dinner**

7:00 pm - 10:15 pm

**Summer Study Dinner at Luna Park, MC: Dr Jonica Newby (Presenter, Catalyst ABC TV)**

Deputy Chief Minister Simon Corbell MLA, Minister for Environment and Sustainable Development, ACT

10:15 pm - 11:00pm

*Return to Manly via Charter Ferry*

**Friday 26 February, 2016**

8:45 am - 10:30 am

**Market Transformation 2:  
Energy Productivity &  
Commercial Buildings**

Katy Dean, Director – Advocacy,  
Green Building Council of Australia  
Stanford Harrison, Energy Division,  
Department of Industry, Innovation

**Doubling Energy Productivity in  
Passenger Transport**

Peter Haenke, Senior Manager,  
Group Sustainability &  
Environment, NRMA  
Dean Economou, Transport  
Strategist, Data61

**Working with the Media to  
Communicate Energy  
Productivity**

Tristan Edis, Editor, Climate  
Spectator  
Jonathan Holmes, ex Media Watch  
Jess Hill, Freelance Investigative

**Innovative financing for Energy  
Productivity**

Paul Greenop, Head of Portfolio  
Management, Clean Energy  
Finance Corporation  
Chris Forbes, Head of Funds  
Management in Australia, LaSalle

<p>and Science          Jesse Steinfeld, Engineering Manager, Buildings Alive          Chris Nunn, Head of Sustainability, Property, AMP Capital</p>	<p>Lana Assaf, Senior Associate, ANZ Infrastructure &amp; Environment   Jacobs          Kristian Handberg, Connected Mobility Specialist, New Energy AGL          Henry O'Clery, Director, Future Climate Australia (FCA)          Angela Hoefnagels, Review Director, Climate Change Authority</p>	<p>Reporter, ABC and The Monthly          Miriam Lyons, Renewable Energy Campaigner, Getup!</p>	<p>Investment Management          Gordon Noble, Managing Director Asia Pacific, Inflection Point Capital Management UK Ltd          Verena Streitferdt, Institute for Sustainable Futures, University of Technology Sydney</p>
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10:30 am - 11:00 am

*Morning Tea*

11:00 am - 12:30 pm

<p><b>Disruption &amp; Innovation: Decentralised Energy, Demand Management and Electricity Markets</b>          Dr David Crossley, Managing Director, Energy Futures Australia Pty Ltd          Craig Chambers, Market Sector Director - Power Generation, AECOM          Mona Yew, Director, China DSM and Energy Efficiency Project at NRDC          Gerard Reiter, Executive General Manager of Asset Management, TransGrid          Mark Paterson, Domain Leader – Grids + Renewable Energy Integration, CSIRO Energy</p>	<p><b>Doubling Energy Productivity in Freight transport</b>          Mark Gjerek, Director, mov3ment Pty Ltd          Ro Mueller, Senior Adviser, Road Safety and Productivity, The Australian Trucking Association (ATA)          Glenn Geers, Principal Engineer, ARRB Group</p>	<p><b>Local Government leadership in Energy Productivity and Urban Design</b>          Anita Stadler, Principal Consultant, Energetics Pty Ltd          Rachel Hayden, Marrickville Council          Daniel Waters, Gosford City Council          Catherine Caruana-McManus, Director - Smart Cities &amp; IoT, Giant Ideas Pty Ltd          Dr Alistair Sproul, Associate Professor, School of Photovoltaic &amp; Renewable Energy Engineering, UNSW</p>	<p><b>Innovation and Energy Productivity</b>          Dr Glenn Platt, Theme Leader for Local Energy Systems, CSIRO          Steven Beletich, Principal, Beletich Associates          Murray Hogarth, Director, Wattwatchers          Stuart Kane, Commercial Manager, Philips Lighting Australia          Ben Waters, Co-founder and Strategy Director, Presync</p>
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12:30 pm - 1:30 pm

*Lunch*

1:30 pm - 2:30 pm

<p><b>Australia's Large scale Energy Efficiency Grant programs for Local Government, community and small business- What have we learned?</b>          Gene McGlynn, General Manager, Community Energy Programmes,</p>	<p><b>Clean Energy Incubation – catalysing start-ups in Clean Energy and Energy Productivity</b></p>	<p><b>Energy Productivity, New technology and ICT (Information and Communications Technology)</b></p>	<p><b>Disruption and the Energy Market</b>          Giles Parkinson, Editor, RenewEconomy</p>
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Department of Industry, Innovation  
and Science

*Afternoon Tea*

2:30 pm - 3:00 pm

3:00 pm - 4:30 pm

**The New Frontier: Energy productivity and Innovation - Jonathan Jutsen (Chair)**

Simon Smith, Secretary, NSW Department of Industry

Steve Nadel, Executive Director, American Council for an Energy Efficient Economy (ACEEE)

Professor Stuart White, Director, Institute for Sustainable Futures

4:30 pm - 5:30 pm

**Farewell drinks**