

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

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	Project Akuna, MSF Sugar Limited Charlie Hollingsworth, General Manager Asset Management, Teys Australia David Eyre, General Manager, Research & Development, NSW Farmers John Hoekstra, Director of Sustainability, Schneider Electric Energy & Sustainability Services Jack Holden, Sustainability & Social Responsibility Manager, Fonterra Australia Ltd	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 & Advocacy, Energy Efficiency Council	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
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12:45 pm - 1:45 pm

Lunch

1:45 pm - 3:15 pm

40% and Beyond: Setting and meeting Australia's Energy Productivity Goals 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	Doubling Energy Productivity in Resources and Mining 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	Maximising value for energy in the home 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	Cutting costs with Solar Gabriele Sartori, Senior Adviser, Australian Renewable Energy Agency (ARENA) & 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
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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
Government Leadership in Energy Productivity

4:30 pm - 6:00 pm

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

6:00 pm - 10:00 pm

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

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

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

12:45 pm - 1:45 pm

Lunch

1:45 pm - 2:45 pm

Energy Efficiency Certificate Schemes in Australia	Business Leadership - publicly committing to 2xEP	Improving the Availability of Energy Use Data in Australia	These informal sessions have been kept free to allow
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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

and Science Jesse Steinfeld, Engineering Manager, Buildings Alive Chris Nunn, Head of Sustainability, Property, AMP Capital	Lana Assaf, Senior Associate, ANZ Infrastructure & 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	Reporter, ABC and The Monthly Miriam Lyons, Renewable Energy Campaigner, Getup!	Investment Management Gordon Noble, Managing Director Asia Pacific, Inflection Point Capital Management UK Ltd Verena Streitferdt, Institute for Sustainable Futures, University of Technology Sydney
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10:30 am - 11:00 am

Morning Tea

11:00 am - 12:30 pm

Disruption & Innovation: Decentralised Energy, Demand Management and Electricity Markets 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	Doubling Energy Productivity in Freight transport 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	Local Government leadership in Energy Productivity and Urban Design Anita Stadler, Principal Consultant , Energetics Pty Ltd Rachel Hayden, Marrickville Council Daniel Waters, Gosford City Council Catherine Caruana-McManus, Director - Smart Cities & IoT, Giant Ideas Pty Ltd Dr Alistair Sproul, Associate Professor, School of Photovoltaic & Renewable Energy Engineering, UNSW	Innovation and Energy Productivity 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
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12:30 pm - 1:30 pm

Lunch

1:30 pm - 2:30 pm

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