

# Summer Study Preliminary Program

Day One: Wednesday, 29 February 2012



7.30 Registration Open

## 08.15 – 10.00 PLENARY: WELCOME BREAKFAST AND OFFICIAL OPENING

- *Jon Jutsen, Chairman, Australian Alliance to Save Energy*  
Official welcome
- *Steve Nadel, Executive Director, American Council for an Energy Efficient Economy*  
'Summer Studies - what are they all about?'
- *Kateri Callahan, President, The Alliance to Save Energy*  
'Alliance to Save Energy: Building a worldwide campaign for energy efficiency'

## 10.00 – 11.00 NETWORKING SESSION

11.00 – 13.00 Streamed working sessions & discussion

### MARKETS & REGULATION

#### 1a. Mainstreaming Energy Efficiency: Are White Certificates 'the New Black?'

*The Energy Saver Incentive: Learnings From a White Certificate Scheme* – April Muirden, Dept of Primary Industry (Vic)\*

*Effective Energy Efficiency Obligations* – David Crossley, The Regulatory Assistance Project & Sam Swanson, Energy Futures Australia

*The NSW Energy Savings Scheme: An Effective Model for a National Energy Savings Initiative?* – Margaret Sniffin, NSW IPART

PANEL LEADERS: Tristan Edis, Grattan Institute; the Hon. John Thwaites, ClimateWorks

### TECHNOLOGY & PRACTICE

#### 4. Learning From the Leaders: Journeys to Effective Energy Efficiency Programs

*This workshop will give participants ideas for implementing effective energy efficiency programs, based on the success of others.*

*Three speakers will explain how they achieved energy efficiency gains in their organisations including overcoming common barriers.*

PANEL LEADERS: Louise Vickery, Dept of Resources, Energy and Tourism; Dominic Zaal, Dept of Resources, Energy and Tourism

### CULTURE & COMMUNICATION

#### 8a. Engaging the Community - Effective Efficiency Strategies for Energy Affordability

*Empowering Low Income Communities to Control Their Energy Consumption* - Dr Nina Lansbury Hall, Science into Society Group, CSIRO, Qld\*

*Compact Fluorescent Lessons: Reflections of the Australian Experience with Efficient Lighting 2005-2011* – Robert Smith, Ausgrid

PANEL LEADERS: Giles Parkinson, Climate Spectator, Wendy Bacon Professor (UTS) and Journalist

## 13.00 – 14.00 LUNCH

14.00 – 16.00 Streamed working sessions & discussion

### MARKETS & REGULATION

#### 1b. International Best Practice 1: in Efficiency Focussed Carbon Mitigation Policy

*Could do better: Best Practice Energy Efficiency Policy* – Grayson Heffner, International Energy Agency

*Energy Efficiency Compliance Regimes in APEC Economies* – Mark Ellis, Mark Ellis & Associates

*What Works and What Doesn't – Comparing Policy Packages for Products & Buildings* - Frank Klinckenberg, Klinckenberg Consultants, Netherlands\*

PANEL LEADERS: Tristan Edis, Grattan Institute; the Hon. John Thwaites, ClimateWorks

### TECHNOLOGY & PRACTICE

#### 5a. Mining 'Negawatts': Demand Management as a Resource

*Demand Response for Smart Appliances - Australia Leading the World?* - Taira Vora, Department of Climate Change and Energy Efficiency

*Saving More Energy for Less Money Than You Ever Thought Possible* - Rob Bishop, Energy Solutions Ltd

*Engaging Large Electricity Users to Respond to Market Peak* - Paul Troughton, EnerNOC

*Energy Efficiency and Peak Demand* - Peter Casey, Energex

PANEL LEADERS: Ross Fraser, EnerNOC; Paul Myers, Ausgrid

### CULTURE & COMMUNICATION

#### 8b. Making Efficiency Sexy: The Media's Role in Communicating Energy Efficiency to Engage the Public

*Re-Energising Energy Efficiency: Overcoming Public Apathy and Disengagement to Reinspire Action* – Sarah Cruickshank, OgilvyEarth

*Social media: The new way to engage people in energy efficiency* - Kevin Nellies, International Energy Agency, France\*

PANEL LEADERS: Giles Parkinson, Climate Spectator; Wendy Bacon Professor (UTS) and Journalist

## 16.00 – 16.30 AFTERNOON BREAK

## 16.30 – 18.00 4 MINUTES OF FAME (open forum to share ideas, views and concepts - soapbox style)

## 18.30 – 22.30 EVENING BBQ

# Summer Study Preliminary Program



## Day Two: Thursday, 1 March 2012

08.30 – 10.30 Streamed working sessions

### MARKETS & REGULATION

2a. International Best Practice 2: Effective Policies for Demand Management

*The Big Switch: Can We Turn Power Companies into Sustainability Businesses?* - Steve Nadel, ACEEE

*Key Policies to Reform the Utility Business Model and Reduce Absolute Energy Demand* - Lara Ettenson, Natural Resources Defence Council

*Improving Impact Measurement to Make the Most of Demand Management* - Amandine Denis, ClimateWorks Australia

*Reframing Energy Efficiency From a Focus on Physical Equipment to Tradable Mechanisms and Performance Outcomes* - Prof Alan Pears AM, RMIT University

PANEL LEADERS: Dr David Crossley - Energy Futures Australia; Mark Lendich, Energex

### TECHNOLOGY & PRACTICE

6a. It's Parity Time!- Optimising Distributed Generation

*Solar Photovoltaics – What Effect is it Having on the Grid?* - Paul Myers, Ausgrid

*Reciprocating Engine Technology in Co-generation & Tri-generation* - Jon Coles, Energy Power Systems

*Standardising Thermal Networks to Pave the Way for Distributed Generation* - Jennifer Baltatzidis, Origin Energy

*Distributed Generation & Local Communities* - Bruce Thompson, MEFL

PANEL LEADERS: Glenn Platt, CSIRO; Prof Hugh Outhred - UNSW

### CULTURE & COMMUNICATION

9a. Creating an Efficiency Culture: Communicating to Business, Change Management and Engaging Staff

*Walking the Talk - How to Re-Engineer a Corporate Energy Culture\** - Steve Schultz - 3M, USA

*Simple, Timely & Actionable Data Improves Commercial Office Building Performance* - Craig Roussac, Investa Sustainability Institute

*Addressing Information Barriers to Energy Efficiency Through User-Centred Communication* - Vanessa Morris, Dept of Resources, Energy and Tourism

*Strategic Use of Measurement & Verification Information* - John Annas and Rob Sims, Energetics

PANEL LEADERS: Bruce Precious, GPT Group; Siobhan Toohill, Stockland

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| 10.30 – 11.00 MORNING BREAK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                  |                                                          |
| <b>11.00 – 12.30 PLENARY: INTERNATIONAL PERSPECTIVES ON ENERGY EFFICIENCY AND DEMAND MANAGEMENT</b> <ul style="list-style-type: none"> <li>- <i>Chris Dunstan – CEO, The Australian Alliance to Save Energy Chair</i></li> <li>- <i>David Sweet, Executive Director, World Alliance for Decentralised Energy (USA)</i></li> <li>- <i>Wanxing Wang, Program Director, The China Sustainable Energy Program (CHINA)*</i><br/>'Energy Efficiency and Demand Management in China'</li> <li>- <i>Amit Bando, Executive Director, International Partnership for Energy Efficiency Cooperation (FRANCE)*</i><br/>'Expanding Horizons: Energy Efficiency in the Asia.'</li> <li>- <i>Philip Sellwood, Chief Executive, Energy Savings Trust (UK)</i><br/>'Making Efficiency Our Number One Energy Resource'</li> </ul> |                                                                                                                                                                                                                                                  |                                                          |
| 12.30 – 13.30 LUNCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                  |                                                          |
| <b>SPIRAX SARCO CASE STUDY FORUM</b><br><br><b>13.30 – 13.50</b><br>Energy Savings Through Flash Steam Recovery , <i>Craig McKnight, Spirax Sarco</i><br><br><b>13.50 – 14.10</b><br>NSW ESS Commercial Lighting Calculation Tool, <i>Lucas Boardman, IPART</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>13.30 – 15.00</b><br><br><b>COMMUNITY RENEWABLES FORUM</b>                                                                                                                                                                                    | <b>13.30 – 15.00</b><br><br><b>OPEN INFORMAL SESSION</b> |
| 15.00 – 15.30 AFTERNOON BREAK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                  |                                                          |
| <b>15.30 – 17.00</b><br><br><b>ENERGY EFFICIENCY FINANCING INFORMAL SESSION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>16.00 – 17.30</b><br><br><b>10. Driving change in transport: Efficient mobility and electric vehicles</b><br>PANEL LEADERS: Chris Baker, Department of Climate Change and Energy Efficiency, Philippe Reboul, RBL/Electric Vehicle Conference | <b>16.00 – 17.30</b><br><br><b>OPEN INFORMAL SESSION</b> |
| 18.00 – 23.00 HARBOUR CRUISE (tbc)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                  |                                                          |

# Summer Study Preliminary Program



## Day Three: Friday, 2 March 2012

08.30 – 10.30 Streamed working sessions

### MARKETS & REGULATION

#### 3a. Raising the Bar: Efficiency Standards for Appliances & Equipment

*Assessing Trends in Standby Power in Australia – The Challenges of Crafting a Policy to Fit the Ugly Reality* - Jack Brown, Energy Efficient Strategies

*Let There Be Light: What We Know and Where We Are Going With Lighting in Australia* - Steven Beletich, Beletich Australia & Lloyd Harrington, Energy Efficient Strategies

*How Smart Appliances Could Transform Energy Labels* - Dr Alan Meier, Lawrence Berkeley National Laboratory, USA

PANEL LEADERS: Mel Slade, Dept of Climate Change & Energy; Phil Harrington, pitt&sherry; Lloyd Harrington, Energy Efficient Strategies

### TECHNOLOGY & PRACTICE

#### 7. Energy Efficiency Skills and Training

*Skills & Training for Energy Efficiency: Are we Making Headway* - Val MacGregor, Green Skills Training Manager, Sustainability Victoria

*Industry Perspectives on Energy Efficiency & Working Across Governments* - Linda White & Camille Carroll, Dept Industry, Innovation, Science, Research & Tertiary Education

*Aligning University Engineering Curricula for an Energy Efficient Future* - Luiz Ribeiro, Dept of Resources, Energy and Tourism, Industrial Energy Efficiency Branch

*Learning and Change for Energy Efficiency: A Role for Accountants and Business Managers* - Professor Suzanne Benn, UTS Business School.

PANEL LEADERS: Prof Suzanne Benn, UTS Business School; Jenniy Gregory, Dept of Primary Industries

### CULTURE & COMMUNICATION

#### 9b. International Best Practice 3: Developments in Energy and Carbon Management for Business

*The Evolution of Energy Efficiency Practice: Leading Practices in the UK Real Estate Sector* - Patrick Crittenden, Sustainable Business Pty Ltd

*Sydney Water's Energy and Greenhouse Gas Mitigation Strategy* - Daniel Cooper, Phil Woods, Sarah Spurrett

*The Practical Application of ISO50001: 2011 – Energy Management Systems* - Scott Noyes, Schneider Electric

PANEL LEADERS: Bruce Precious, GPT Group; Siobhan Toohill, Stockland

10.30 – 11.00 MORNING BREAK

11.00 – 12.30 Streamed working sessions

### MARKETS & REGULATION

#### 3b. Raising the Bar: Efficiency Standards for Residential Buildings

*Pushing Toward Zero Carbon Home* - Stephen Berry, University of South Australia

*Post-Occupancy Performance Assessment of Building Envelope, Appliances & Energy Supply/Demand of Contemporary Sub-Tropical Sustainable Homes* - Wendy Miller & Professor John Bell, Queensland University of Technology

*The cost of complying with energy efficiency standards for new houses* - Gordon McAllister, Department of Climate Change and Energy Efficiency

PANEL LEADERS: Mel Slade, Dept of Climate Change & Energy; Phil Harrington, pitt&sherry; Lloyd Harrington, Energy Efficient Strategies

### TECHNOLOGY & PRACTICE

#### 5b. Demands at Home: Effective Residential Demand Management

*Residential Demand Management: Running Before We Can Crawl?* - Yann Burden, Energy Return

*The Newington Smart Home* - Terry Daly, Ausgrid

*Retrofitting Existing Houses - Theory vs Practice* - Ian McNicol, Sustainability Victoria

PANEL LEADERS: Ross Fraser, EnerNOC; Paul Myers, Ausgrid

### MARKETS & REGULATION

#### 2b. Watts in a NEM?: Reforming the National Electricity Market for Energy Efficiency and Distributed Generation

*Unsplitting the Atom: Overcoming Split Incentives in the Australian National Energy Market* - Craig Memery, Alternative Technology Association

*Systemic Biases in the NEM: Barriers to Greater Demand-side Participation* - Glen Wright, Total Environment Centre

*Reforming the NEM to Unblock Barriers to Cogeneration* - Anna Skarbek, ClimateWorks Australia\*

*Introduction and Progress of the APEC Smart Grid Initiative*,\* Cary Bloyd, Pacific Northwest National Laboratory

PANEL LEADERS: Dr David Crossley - Energy Futures Australia; Mark Lendich, Energex

# Summer Study Preliminary Program



Day Three: Friday, 2 March 2012 (cont'd)

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**12.30 – 15.00**

**PLENARY: INAUGURAL ENERGY EFFICIENCY CHAMPIONS AWARDS LUNCH**

*Keynote address: Parliamentary Secretary Mark Dreyfus QC*

*Australia's Clean Energy Revolution*

*Awards presentation*

**PANEL DISCUSSION: SO NOW WHAT? Next Steps for Catalysing an Energy Efficiency Revolution**

*Grayson Heffner, International Energy Agency*

*Steve Nadel, ACEEE*

*Philip Sellwood, Energy Savings Trust*

*Chris Dunstan, Australian Alliance to Save Energy*

**CLOSING ADDRESS AND DRINKS**

**15.00 – 17.00**

Meeting rooms available for networking, informal events etc.

*\* To be confirmed*