

Day One: Wednesday 26 August 2009

The energy industry – engine room of the state’s economy	
9:00	<p>INTRODUCTION</p> <p>Session Chair: Murray Meaton, Chairman, Australian Institute of Energy – WA Branch</p>
9:05	<p>KEYNOTE ADDRESS</p> <p>Hon. Peter Collier MLA, Minister for Energy</p> <p>Minister Collier will report on the Government's progress to date on key developments impacting the WA energy industry, including energy security, the carbon pollution reduction scheme, renewable energy and the future of Verve Energy and Synergy.</p>
Challenges confronting the energy industry from the global financial crisis	
9:30	<p>INTERNATIONAL ADDRESS</p> <p>Mike Thomas, President Energy and Environmental, CRA International</p> <p>Sometimes we make bad decisions. And sometimes, when circumstances change, good decisions have bad outcomes. As the global economy emerges from the depths of the crisis, Mike will review the many risks and uncertainties that stakeholders must manage. Small, ‘lumpy’ markets, such as in WA face particular challenges. In such markets, incremental investments in generation, transmission or fuel supplies can be large compared to the overall size of the market being served.</p>
10:00	<p>Brendan Pearson, Deputy Chief Executive, Minerals Council of Australia</p> <p><i>The global financial crisis and the energy sector: international and domestic policy challenges</i></p> <p>Brendan will analyse the prospects for meaningful progress on a number of central policy challenges, including the carbon pollution reduction scheme, the development of a global protocol to reduce greenhouse gas emissions as well as energy policy and taxation reform.</p>
10:30	<p>MORNING BREAK – sponsored by Aviva Corporation</p>
11:00	<p>Stewart Butel, Managing Director, Wesfarmers Resources</p> <p><i>The role of coal in Australia’s energy and economic future</i></p> <p>Stewart provides a comprehensive view of how the coal industry, one of Australia’s most significant natural resource and largest commodity export, is taking steps to confront a number of major challenges, including the current global economic crisis and the transition to a low-carbon economy.</p>
11:30	<p>Alan Cransberg, Managing Director, Alcoa of Australia</p> <p><i>Energy security - our needs in a challenged world</i></p> <p>Alan will address the need for an energy policy to ensure greater domestic gas security against the backdrop of a carbon pollution reduction scheme and a world in economic turmoil.</p>
The economics of energy – power generation	
12:00	<p>Shirley In’t Veld, Managing Director, Verve Energy</p> <p><i>Economic efficiency, energy security and the over-arching impact of emissions reduction.</i></p> <p>Using Verve Energy as a case study, Shirley will discuss economic efficiency, energy security and the over-arching impact of emissions reduction.</p>
12:30	<p>LUNCH - Sponsored by North West Shelf Gas</p>

The changing energy customer	
1:30	INTRODUCTION Session Chair: Tristy Fairfield, Australian Institute of Energy
1:35	Jim Mitchell, Managing Director, Synergy <i>Changing customer behaviour</i> Tariffs are increasing but customers are not fully informed as to how their energy choices affect their bill. Jim will reveal how Synergy is progressing to change customer behaviour through energy efficiency and demand management.
2:05	Zeki Akbas, General Manager, Alinta Pty Ltd <i>Gas retail markets from a customer perspective</i> Although the retail gas market in Western Australia is open to competition, Alinta remains the sole supplier of gas to small consumers. As tariffs become more cost reflective, it is likely that other retailers will enter the market. Zeki will discuss the emergence of retail energy market competition in other jurisdictions, with a focus on the benefits delivered to customers.
2:35	Alan Meier Lawrence Berkeley National Laboratory <i>The benefits of reducing energy use</i> With fluctuating energy prices, new technologies, and climate change obligations, the customer will no longer be an isolated agent on the other side of the meter.
3:05	AFTERNOON BREAK – sponsored by Aviva Corporation
Electricity network development – changing expectations	
3:25	Doug Aberle, Managing Director, Western Power Doug will discuss how sustainability, security and prosperity need to be considered when planning our energy future. He will outline how energy solutions can be found in altered energy consumption behaviour facilitated by demand-side management, cost-reflective pricing, long-term infrastructure planning and a change in the mix of fuels and technologies for electricity generation.
4:05	Richard Harris, General Manager Development, Aviva Corporation <i>Mid-west energy infrastructure needs - a market participant's perspective</i> Richard will examine how the development and efficient functioning of the WA electricity market depends on timely access to common user infrastructure. He will use WA's Mid West region as a case study in understanding this dependency with focus on the development of projects such as the Coolimba base-load power station, based near Eneabba.
Sustainable Power System Management in Regional Western Australia	
4:35	Rod Hayes, Managing Director, Horizon Power Rod will discuss the opportunities presented in managing diverse energy supply systems – ranging from industrial transmission grids to remote islanded systems over a highly diverse geographic area.
5:05	Close of Day One
7:00	CONFERENCE DINNER – Royal Perth Yacht Club. Sponsored by Dampier Bunbury Pipeline

Day Two: Thursday 27 August 2009

Energy aspirations for 2020	
8:55	<p>INTRODUCTION Session Chair Gary Jeffery, Australian Institute of Energy – WA Branch</p>
9:00	<p>James Pearson, Chief Executive, Chamber of Commerce and Industry The Chamber of Commerce and Industry has identified key energy issues considered necessary for this State's business community to sustain growth and attract new investment.</p> <p>Reg Howard-Smith, Chief Executive, Chamber of Minerals and Energy (CME) The CME believes a long-term state energy policy is needed to underpin the vision required for development of the State to 2020.</p>
Energy Markets – What will they look like in 10 years time?	
9:45	<p>INTERNATIONAL KEYNOTE ADDRESS Kieran Devine New Zealand System Management Kieran will provide an overview of the New Zealand electricity system and the challenges it faces with particular focus on market development, investment in aging infrastructure, integrating renewable generation – especially wind – as well as market competition.</p>
10:15	<p>Alan Dawson, Chief Executive Officer, Independent Market Operator Electricity markets in most Western economies have come a long way over the past 15 years but still have yet to conquer some key challenges. Alan will identify key features and developments that will lead electricity market evolution over the next 10 years.</p>
10:30	<p>Lyndon Rowe, Chairman, Economic Regulation Authority Lyndon will put forward his ideas on what is needed to ensure that the WA energy market is efficient and responsive to the needs of Western Australian consumers in 10 years time.</p>
10:45	<p>MORNING BREAK – sponsored by Apache Energy</p>
Geothermal Energy	
11:15	<p>Susan Jeanes, Chief Executive, Australian Geothermal Energy Association Geothermal energy is fast becoming one of the more prospective energy technologies of the future in a carbon-constrained world. Susan will provide an overview of current research, developments and opportunities for this emerging clean energy industry, which promises cheap base load power.</p>
Energy strategy – an end users perspective	
11:45	<p>Michael Williams General Manager Commercial, Adelaide Brighton, Cement and Lime Division As a large consumer of gas and electricity, Adelaide Brighton has implemented strategies of electricity price risk management, alternative fuels, fuel substitution and long term gas supply security to both reduce costs and ensure long term security of supply.</p>
12:15	<p>LUNCH – Sponsored by DomGas Alliance</p>
Managing climate change – international experience and lessons for Australia	
1:30	<p>INTRODUCTION Session Chair Michel Kerr Executive Director, Sustainable Energy Development Office</p>
1:35	<p>Cameron O'Reilly, Executive Director, Energy Retailers Association of Australia <i>Climate change in the United States under Obama and how it will impact Australia</i> Cameron spent three months in the US earlier this year undertaking a Fulbright Scholarship, which focused on the development of US climate change policy under the Obama Administration. He will talk about how the new administration is shifting US climate change positioning, what it means for Australia and where the two countries face similar challenges.</p>

2:00	<p>John Vendel, Market Analyst, Pacific Hydro</p> <p><i>Managing intermittency</i></p> <p>Pacific Hydro is the first wind farm developer in Australia to operate under semi-dispatch arrangements within the national electricity market. John will offer a developer's eye view of these new market arrangements and explore some of the implications for developing new projects as well as market conditions required for successful integration of wind farms into the electricity network.</p>
2:30	AFTERNOON BREAK – sponsored by Apache Energy
Gas production	
3:00	<p>Gary Jeffery, General Manager Western Region, Australian Worldwide Exploration Limited</p> <p>Gas production in Western Australia has become the focus of attention for many following a couple of very public interruptions to supply as well as rising oil prices and competition from LNG exports. Gary will explore future options for domestic gas supply in this State.</p>
Gas transportation	
3:30	<p>Mark Cooper, General Manager Commercial, Dampier Bunbury Pipeline</p> <p>Mark will look at the challenges in delivering natural gas to markets, particularly in the South West. In an environment where the economy is being challenged to reduce its carbon footprint, the role of natural gas as a transition fuel is a key consideration for policy makers, engineers and technicians. The economic impact of natural gas starts with the reliability of gas supply and transportation.</p>
Gas customer perspective	
4:00	<p>Gordon Martin, Chairman Coogee Chemicals</p> <p>Gordon – a past Chairman of the Western Australian Energy Research Alliance – will discuss gas consumption as a feed stock and as an energy source. He will also compare opportunities and challenges for expansion (including the impact of the carbon reduction scheme) in Western Australia as against the eastern states.</p>
Towards the evolved energy market	
4:30	<p>Allen Taylor Commercial Director, Utilisoft</p> <p>Allen will discuss the journey towards the Smart Grid and the steps which need to be taken to make it occur in this country. Allen will draw upon his company's knowledge of the utilities market in Europe and Australia as well as experience working with industry leaders in this field.</p>
5:00	CLOSING ADDRESS
5:05	COCKTAIL FUNCTION
6:00	CONCLUSION OF CONFERENCE