

3rd ANNUAL

Queensland ENERGY

2010

Discover Queensland's
future energy opportunities



Queensland's biggest energy companies
Seven top CEOs
Three days of intensive learning

YOUR EXPERT SPEAKERS:

- **Greg Nielsen**, Assistant Director General, Office of Clean Energy
- **Terry Effeney**, Chief Executive Officer, Energex
- **Gordon Jardine**, Chief Executive Officer, Powerlink
- **Ian McLeod**, Chief Executive, Ergon Energy
- **Dr Anthony Tarr**, Chief Executive Officer, ZeroGen Pty Ltd
- **Gerry Grove-White**, Chief Executive Officer, Geodynamics
- **Bob Matthews**, Chief Executive Officer, Ausra
- **Peter Lynch**, Chief Executive, Galilee Power
- **Carl McCamish**, Executive General Manager Policy and Sustainability, Origin Energy
- **Mike Dougan**, General Manager Metering, Ergon Energy
- **Scott Thomas**, General Manager Major Customers, AGL
- **Allison Warburton**, Partner, Minter Ellison
- **Geoffrey James**, Principal Research Scientist, CSIRO
- **John G O'Brien**, Director, CuString Project
- **David Prins**, Managing Director, Etrog Consulting

**PLUS DON'T MISS OUT ON THIS
ESSENTIAL INTERACTIVE WORKSHOP:**

**The A-Z of large scale thermal
solar energy**

Facilitator:

Bob Matthews, Chief Executive Officer,
Ausra

Researched by:



**REGISTRATION HOTLINE
61 2 9224 6060**

CONFERENCE DAY ONE

Wednesday 24th February, 2010

8:30 Registration

9:00 Welcoming remarks from the Chair

RENEWABLE ENERGY TARGET (RET)

9:10 **Queensland's Renewable Energy Plan: Strategies for reaching the Renewable Energy Target by 2020**

- Accelerating deployment through the installation of up to 200,000 solar hot water systems
- Encouraging the creation of consortia to deploy multiple solar thermal plants throughout regional Queensland
- Designating renewable energy as a Queensland Priority Industry Sector by introducing the Renewable Industry Development Plan

Greg Nielsen, *Assistant Director General, Office of Clean Energy*

9:50 **Identifying the major challenges for retailers to meet the Renewable Energy Target**

- Understanding the Queensland energy market and its potential
- Balancing the challenge of meeting peak demand and reducing greenhouse gas emissions
- Examining the new technology options

Carl McCamish,
Executive General Manager Policy and Sustainability, Origin Energy

10:30 Morning Tea

SOLAR ENERGY

11:00 **Townsville Solar City: Transforming Magnetic Island into a Solar Suburb**

- Reflecting on the Solar Cities Program and Queensland's potential for solar energy
- Investigating the best ways to integrate renewable energy, energy conservation and demand management initiatives
- Putting the consumer first by offering customers a choice of power sources, energy solutions and tariff options

Ian McLeod, *Chief Executive, Ergon Energy*

11:40 **The future is bright: the future is solar**

- Examining Queensland's potential and the future opportunities and challenges for large-scale solar thermal energy in the Sunshine State
- Considering the impact of the Solar Flagship Program to help Queensland achieve the Renewable Energy Target (RET)
- The future of solar energy for Queensland

Bob Matthews, *Chief Executive Officer, Ausra*

12:20 Lunch

CLEAN COAL

1:20 **ZeroGen: Fast tracking the deployment of Queensland's commercial-scale Integrated Gasification Combined Cycle (IGCC) power plant and CO2 storage site**

CASE STUDY

- Leading global efforts to develop a new generation coal technology to produce smarter, cleaner power
- Understanding the integration of the (IGCC) with Carbon Capture and Storage (CCS) technologies to produce low-emission, baseload electricity
- Fast tracking the original deployment date to have the world's first operational, commercial-scale IGCC with CCS power plant in Queensland
- Identifying and investigating a suitable location for the commercial-scale IGCC power plant and CO2 storage site

Dr Anthony Tarr, *Chief Executive Officer, ZeroGen Pty*

2:00 **Galilee Power: Planning for a clean coal power station that complies with the government's new climate change strategy**

CASE STUDY

- Understanding the demands of Climate Q: Toward a greener Queensland on delivering clean coal to the state
- Considering the impact of the Carbon Pollution Reduction Scheme on future energy in Queensland
- Incorporating carbon capture storage technologies to reach the state's renewable energy target

Peter Lynch, *Chief Executive, Galilee Power*

2:40 Afternoon Tea

CARBON POLLUTION REDUCTION SCHEME (CPRS)

3:10 **Carbon Pollution Reduction Scheme (CPRS): Managing impacts and capitalising on opportunities**

- CPRS overview and emerging legal and contracting issues
- How will the liability apply down the supply chain?
- What government support is available for affected companies?
- Preparing for the ETS - staffing, recording, reporting, audit requirements and tracking sales

Allison Warburton, *Partner, Minter Ellison*

4:50 Closing remarks from the Chair

5:00 Close of Day One

CONFERENCE DAY TWO

Thursday 25th February, 2010

9:00 Welcoming remarks from the Chair

SMART GRIDS & SMART METERS

9:10 **The role of the Smart Grid in delivering sustainable energy solutions**

- Assessing the infrastructure challenges for South East Queensland
- Considering the supply-side and demand-side options in delivering sustainable energy

- Understanding the role of the Smart Grid for Queensland
 - Where to from here?
- Terry Effeney**, *Chief Executive Officer*,
Energex

2:00

CuString: Connecting Mount Isa to the national electricity grid and creating a renewable generation hub in North Queensland

- Infrastructure development that leverages off existing mining and processing demand in the North West
 - Addressing the impact of high cost energy on mineral resources opportunities in the region
 - How do we invest in infrastructure for the future and not just for the present?
 - What will access to the National Electricity Market deliver for the Northern Economic Triangle (Bowen-Townsville to Mt Isa)
 - Understanding the infrastructure implications for renewable in the region
 - The future role of generation in North West Queensland
- John G O'Brien**, *Director*,
CuString Project

CASE STUDY

9:50

Assessing the key components required for an advanced smart meter roll out in Queensland

- Will smart meters be part of the solution to reducing demand for peak power and energy conservation?
 - How smart meters will impact security of supply?
 - Empowering the consumer and enabling them to make informed choices
- Mike Dougan**, *General Manager Metering*,
Ergon Energy

CASE STUDY

10:30 Morning Tea

Roles for energy storage in the national grid

- Discussing distribution network support
 - Storage in relation to the development of transmission infrastructure
 - Valuation and business cases
 - Identifying the variety of technology
- Geoffrey James**, *Principal Research Scientist*,
CSIRO

2:40 Afternoon Tea

BIOMASS POWER

Exploring the potential of biomass energy in Queensland through the Cogeneration Project

- What is biomass energy and how can it contribute to the state's energy market?
 - Driving the potential of waste-to-energy power through macadamia nut shell renewable energy generation
 - Exploring other sources of biomass energy available to Queensland
- Scott Thomas**, *General Manager Major Customers*,
AGL

CASE STUDY

PRICING

Pricing of electricity in Queensland to end-use customers

- What are the unique challenges for retail pricing of electricity in Queensland?
 - What lessons can be learned from experiences to date?
 - What are the prospects for the future?
- David Prins**, *Managing Director*,
Etrog Consulting

12:20 Lunch

GEOTHERMAL POWER

Exploring the future of Queensland's renewable power from the earth

- Examining the developments in geodynamics: producing the first megawatts of geothermal power
 - Investor participation discussed and plans for wide-spread commercialisation and global adoption of the technology
 - Overcoming both technical and financial challenges
- Gerry Grove-White**, *Chief Executive Officer*,
Geodynamics

5:30 Closing remarks from the Chair

5:40 Close of Day Two

NORTH WEST QUEENSLAND

The pivotal role of the transmission grid in facilitating the transition to a lower emissions generation mix

- Impacts of CPRS and expanded renewables target
 - Implications of the Queensland Renewables Energy Plan
 - Changes in the national regulatory framework
 - Maintaining reliability standards
- Gordon Jardine**, *Chief Executive Officer*,
Powerlink

INTERACTIVE WORKSHOP DAY

Friday 26th February, 2010

9:00 - 12:00

The A-Z of large scale thermal solar energy

The need for cost competitive renewable energy solutions is now more paramount than ever. Bob Matthews will examine next-generation solar thermal energy systems. The workshop will provide technical expertise regarding the design, manufacturing, installation and operation of large scale solar thermal energy systems.

Join Bob and discover everything there is to know about large scale solar energy!

- Examining solar plants around the world and Queensland's solar potential
 - Understanding and integrating solar technology
 - Identifying the key components for design, manufacture & installation
 - Devising an integrated sustainability strategy for customers
 - Knowing your client and implementing effective demand management
- Bob Matthews**, *Chief Executive Officer*, **Ausra**

VIP Code

5 WAYS TO REGISTER

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Fax: 61 2 9224 6066
Email: eureka@TonkinCorporation.com
Online: www.TonkinCorporation.com
Mail: Tonkin Corporation Pty Limited
 Level 12, 70 Pitt Street
 SYDNEY NSW 2000 AUSTRALIA

DATE & VENUE

24th - 26th February, 2010

Brisbane Marriott
 515 Queen Street
 Brisbane QLD 4000
Phone: 61 7 3303 8000

REGISTRATION FORM – ERG01

3rd ANNUAL **Queensland ENERGY**

YES, please register me for the above conference.

Today's date / /

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<input type="checkbox"/> Conference	2,088.90	2,198.90	2,308.90	2,418.90	2,528.90	2,638.90
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RESEARCHED BY



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