



Advanced Metering & Load Management 2006 Conference Program

Thursday 30 November 2006

Duxton Hotel, 170 Wakefield Street, Wellington, New Zealand

**Conference Theme:
"Metering Making a Difference"**

Exhibitors:



Sponsors:



Integrated Management Services Pty Ltd
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Chairman's Message



This conference will consider the progress with removal of barriers and the introduction of enablers necessary to improve load management in New Zealand's electricity market. Since new technology is inevitable to achieve improved load management capabilities then it is proper for the conference to also consider the status of advanced metering technologies, communications systems, remote functionality and customer interfaces/services.

The program being developed will comprise a series of presentations and an interactive panel session. Presenters and panel members are utility employees, technologists and company representatives interested in furthering advanced metering and improved load management.

A technology exhibition will accompany the conference showcasing the latest and greatest metering and load management technologies. Widen your network of contacts and share solutions.

See you in Wellington

Michael Zammit
Conference Chairman

Keynote Speakers: Speaker Bios and Paper Abstracts



Ron Beatty is the Senior Advisor Retail with the Electricity Commission. Prior to this Ron worked for Meridian Energy Limited for seven years first as the reconciliation manager (risk portfolio), and then as the Compliance and Regulatory Manager. Before that he worked for CentralPower Limited, a line co/retailer for nine years.

Ron has a very extensive knowledge of electricity market operations and the Electricity Governance rules. He was involved with MARIA and NZEM, (including metering, reconciliation, clearing and settlement working groups), from the inception of the wholesale market, and subsequently the Electricity Governance Regulations.

Ron has been very involved in his time in the industry with electricity trading, settlement, audit and certification, and metering activities. Most recently Ron has been deeply involved with the major rewrite of the reconciliation rules and the preparation for tender of service provider roles under the rules.

Abstract: *"Load Management and Metering – the Commission's Role"*

This presentation relates to the Electricity Commission's role in consumer end use load management and metering technology as critical elements in the operation of the electricity market. Among the areas the Commission has an interest in are;

- Load management technology and effectiveness
- Value/price aspects
- Metering technology



Mike Underhill is Chief Executive of WEL Networks Ltd. He has had extensive experience in the Gas and Electricity Industries in New Zealand and overseas. This has also included a Volunteer Service Abroad assignment in Western Samoa.

Mike has spent many years in top management roles, including being Chief Executive of TransAlta NZ and its predecessor company, Energy Direct. Mike has taken an active role in the national affairs of the Gas and Electricity Industries in New Zealand, including the deregulation of all sectors of the electricity industry. He has a keen interest in energy efficiency and sustainability and until recently has been the Chairman of the Energy Efficiency and Conservation Authority (EECA). Mike has a strong interest in regional development and is Chairman of Waikato Economic Development Group Katolyst.

Mike has a Bachelors degree in Engineering and a Masters degree in Commerce and has completed the Advanced Management Programme at Harvard Business School.

Abstract: *"Existing Capability of the Load Management System in New Zealand"*

The presentation relates to the first phase of the Electricity Commission's Load Management and Metering Project. During this phase a panel of experts examined the existing capability of the load management system in New Zealand. Mike was the Chairman of the panel and he will deal with the main findings of the panel and its recommendations to the Electricity Commission Board. Among the issues were: the current status of load control transmitters and receivers, "property rights" in load management, the pricing signals for load management, barriers to investment in load management and possible policy changes to remove barriers, and the next steps for the project.



David Prins is a highly experienced consultant and project manager, with extensive international consulting experience in legal, regulatory and commercial issues. Based in Australia since 2001, he has a keen understanding and sixteen years of practical experience spanning four continents, in the areas of market design and implementation, corporate restructuring, and effective regulation and competition in electricity and gas industries. He has provided advice to private and public sector clients throughout the Australian National Electricity Market (the NEM), as well as in the UK, the US, and Asia.

Mr Prins recently led a high-profile project for the Victorian Government, advising on the benefits and costs of adding advanced communications facilities to the roll-out of interval metering that had previously been mandated by the Essential Services Commission Victoria. The project also assessed what would be the net benefits of accelerating the roll-out to encompass all Victorian electricity meters in a much shorter timeframe than had previously been envisaged.

Abstract: *"Benefits and Costs of Advanced Metering Systems"*

This paper will consider recent developments in analysis of benefits and costs of advanced metering systems in competitive environments in various locations around the world. It will consider some of the difficulties of undertaking a benefits-cost analysis where benefits and costs are spread across different organisations, and how those difficulties may be overcome. The benefits that will be considered will include those that can be associated with improved demand management, as well as operational efficiencies for market participants. The costs include capital costs of new infrastructure, and operational costs of metering and data services

Program: Thursday 30 November, 2006

8.00 am Registration Desk Opens

8.30 am Exhibition Area Opens

8.30 – 10.30 am Opening Plenary

Conference Chair : Michael Zammit

Presenters on the Opening Plenary are:

- Ron Beatty, Electricity Commission, "Load Management and Metering – the Commission's Role"
- Mike Underhill, WEL, "Existing Capability of the Load Management System in New Zealand"
- David Prins, CRA International, "Benefits and Costs of Advanced Metering Systems"

10.30 – 11.00 am MORNING TEA – EXHIBITION AREA **Sponsored by EDM I**

11.00 – 12.30 pm Sessions

11.00am – 12.30 pm Load Management and Metering Advances

Session Chair : TBA

- Helen Bremner, Arc Innovations, "Advanced Metering: A Commercial Reality for New Zealand"
- Dr Geoff Nevill, Enermet, "Critical Peak Pricing using Ripple Control technology"
- Jonathan Kay, STREAM Information, "The NZ Metering Market - the view from an independent service provider"

12.30 - 1.30 pm LUNCH – EXHIBITION AREA **Sponsored by Energy Intellect**

1.30 – 3.00 pm Sessions

1.30 – 3.00 am Metering Challenges

Session Chair : TBA

- Phil Hawkey, Contact Energy, "Category 1 Meters and the Race to 2015"
- Steve Woods, Trustpower, "Time to Act on Category 2 Compliance"
- Rudolf Vorster, Metrix, "The Challenge of Selecting Smart Metering Technology"

3.00 – 3.30 pm AFTERNOON TEA - EXHIBITION AREA **Sponsored by Formway Metering Services**

3.30 – 5.00 pm Sessions

3.30 – 5.00 pm Panel Session

Session Chair : Bill Heaps, Strata Energy

This session will consist of a panel of highly qualified and experienced industry personnel who will focus a discussion on the main issues that are raised throughout the conference.

5.00 – 6.00 pm Networking Session and Conference Close – EXHIBITION AREA

Advanced Metering & Load Management 2006 Conference Registration Form – One Copy per Person

Enquiries to Deanna Zammit on + 61 3 9375 4796 or Mobile +61 (0) 418 551 630

FAX FORM to +61 3 9326 1503 or imsevent@bigpond.net.au

Name _____ Job Title _____

Telephone _____ Fax _____

Email _____

Company _____

Postal Address _____

Suburb/Town _____ Postcode _____ Country _____

Registration Charges	Seminar will commence at 9.00am (registrations and coffee from 8.30am) through to 5.00pm. Networking Session from 5.00pm to 6.00pm	
Registration includes attendance to the Networking Session from 5pm to 6pm	\$AUD380.00	\$NZ455.00
Additional Tickets to the Networking Session	\$AUD40.00	\$NZ48.00
TOTAL AMOUNT	\$AUD	\$NZ

• Please invoice me – Purchase Order No. _____

• Charge my credit card below (**all charges are in Australian Dollars and inclusive of GST**)

MasterCard **Visa** (please circle)

Card Number _____ Signature _____

Cardholders Name (Print) _____ Expiry Date ____ / ____

Please choose the options above and fax to IMS on + 61 3 9326 1503. An invoice/statement for the total amount will be forwarded to you and payments should be made payable to "Integrated Management Services Pty Ltd".

ACCOMMODATION

Check In Date ____/____/____ Check Out Date ____/____/____

Duxton Hotel , 170 Wakefield Street, Wellington, New Zealand

Type of Room single twin other _____ smoking non-smoking

• Single \$NZ195 +GST Standard Room Rate only \$NZ215 +GST (includes breakfast)

• All accommodation prices include GST. Accommodation must be paid at check out. The hotel will charge one night accommodation for 'no shows'. Cancellations must be made direct to Deanna Zammit on + 61 3 9375 4796.

CANCELLATION POLICY

Any conference cancellation is subject to a \$100 service charge. For a full refund please write to IMS by Friday 17 November 2006. Cancellations (including no shows) received after 17 November 2006 will incur full payment. Substitutes are welcome and should be **faxed to IMS on +61 (3) 9326 1503** prior to the conference.

CONFERENCE CATERING: Please provide details of any **special dietary requirements** and we will do our best to ensure that these are catered for _____

Enquiries to Deanna Zammit on 61 3 9375 4796 or email imsevent@bigpond.net.au