



Seminar Announcement

Cut Greenhouse Gas Emissions by Optimisation of Energy Efficiency in Pumping Systems

There is undoubtedly a strong motivation to reduce the amount of energy consumed in Australia and it has been identified that pumps are a major consumer of energy in industrialised countries.

Pump Industry Australia, in cooperation with Sustainability Victoria, has organised a Seminar in Melbourne with the objective of examining methods and strategies for the reduction in energy consumed by pumping systems. Ten speakers from the Industry, from Consulting Engineers and User Groups will be covering topics related to achieving best pump efficiency, system efficiency, drive efficiency, as well as site performance measurement and discussing corrective action strategies.

The seminar will include case studies and worked examples.

- Date: Thursday 7 October 2010
- Venue: The Auditorium at Engineers Australia
21 Bedford Street,
North Melbourne, Vic 3051
- Start: 9.00am (Register from 8:30am)
- Finish: 5.00pm

The program will include morning coffee, lunch and afternoon tea and the provision of seminar proceedings in electronic format.

Pricing:

- **Early bird bookings** (1 August to 10 September) - \$250.00 per head. (incl. GST)
- Standard bookings (11 September to 6 October) - \$280.00 per head. (incl. GST)
- Registration can be made by logging on to www.pumps.asn.au

Booking Limits: The seminar is limited to a maximum of 100 participants, so book early to ensure a place and avoid disappointment.

Car Parking: PIA is making arrangements for allocated parking for those who might need it. Please signify your requirements at time of registration.



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Agenda

Start	Finish	Topic		Presenter
08.30	09.00	Registration		Tea, Coffee, & Juice made available
09.00	09.15	Keynote Speaker address		Anita Roper C.E.O. Sustainability Victoria
09.15	10.00	Reduce Energy Used by Your Pumps		Ray Beebe Monash University
10.00	10.30	Energy Efficiency Opportunities for a Win/Win Outcome - A Consultants Perspective		Bernard da Cruz WSP Lincolne Scott
10.30	11.00	Morning Break - Rooms A & B		Tea, Coffee, Juice & assorted muffins
11.00	11.30	Rainwater Harvesting and the Energy/Water Nexus		Colin Nash Davey Products
11.30	12.00	Reduce Worlds Energy Consumption by 5%		Robert Warne Grundfos Pumps
12.00	12.30	Energy Gains in Magnetic Drive Pumps		Matthew Thompson Renroc Group
12.30	1.20	Lunch Break - Rooms A & B	Array of gourmet sandwiches & bite size rolls, cheese & biscuits, Juice, Tea & Coffee	
1.20	1.50	Centrifugal Pump Efficiency - Managing Expectations		Ron Astall United Pumps
1.50	2.35	Optimising the Energy Efficiency in Hydraulic Systems Yields Huge Cost Reductions		Christian Appel KSB
2.35	3.20	Energy Savings Considerations for Motor/Drive Design		Craig Southwell Schneider Electric
3.20	3.45	Afternoon Break - Rooms A & B		Tea, Coffee, Juice & assorted savouries
3.45	4.15	Thermodynamic Methods for Energy Savings in Pumps and Pumping Systems		Malcolm Robertson Robertson Technologies
4.15	4.45	Opportunities for Pump Energy and Efficiency Improvements in a Real Process		Leon Ryan Murray Goulburn Co-op
4.45	5.00	Closing comments		

Subject to amendment

Date 04/08/2010