

Heat Plant Operators Forum

27 September 2016, Chateau on the Park, Christchurch

An annual forum for heat plant owners, operators and maintainers to share experiences and learn from each other how to optimise plant operation.

This event is for heat plant operators and maintainers to meet each other and to share experiences – good and bad. By hearing what other operators have done to ensure appropriate fuel and optimise plant it is likely that attendees will learn how of best practice to improve their own plant performance.

The forum will be structured around the challenges of fuel, air emissions, converting coal plant to use wood fuel and plant optimization. This will be achieved by talking with relevant experts and discussing their own operating problems through facilitated group discussion.

The format of the day will focus on sharing and discussion rather than sitting and listening. This will also encourage networking amongst operators so that on-going peer support can occur after the forum.

The focus of this event will be to:

- Learn best practice from the experts
- Learn by sharing experiences
- Provide the information you may not know you don't know
- Provide opportunities for equipment suppliers, plant owners, wood fuel suppliers and operators to share ideas
- Obtain ideas on problems operators would like addressed



Book your place at this workshop

Registration Forms at: <http://www.bioenergy.org.nz/event/heat-plant-operators-forum>

Continuing Professional Development (CPD): - The Bioenergy Association supports members by providing opportunities such as this workshop that contribute towards CPD credits and maintaining registration as a wood energy adviser. Contact the executive officer for more details at executive@bioenergy.org.nz

Forum Programme 27 September 2016

8.30 – 9.00	Registration	
9.00 – 9.05	Welcome and Introduction Brian Cox, Executive Officer - Bioenergy Association	
Key note speakers		
9.05 - 9.35	Five things that I have learnt about operating wood fuelled heat plant Trevor Gerken, Regional Contracting Manager, North - Pioneer Energy	
9.35 -9.55	Lessons learnt in getting improved performance from old but still serviceable heat plant Shane Batchelor, Operations Manager Energy Centre & Site Services - Red Stag Timber	
9.55 – 10.25	Tea Break	sponsored by Pioneer Energy
Wood Fuel		
10.55 – 11.15	Update on the wood fuel supply market Brian Cox, Executive Officer - Bioenergy Association	
11.15 – 11.30	How plant operators can get best value out of wood fuel supply contracts Brad Coleman, Canterbury Woodchip Supplies	
Co-firing wood with coal		
11.30 – 11.55	Some pitfalls for coal to wood conversion projects Lindsay Robertson, Principal Mechanical Engineer - WSP/Parsons Brinckerhoff	
11.55 –12.15	Results from large boiler trials of blending wood into coal (tbc)	
12.15 – 12.35	Experience of coal plant modified to use wood fuel in Southland Lloyd McGinty, Wood Energy South Technical Advisor – Venture Southland	
12.35 – 1.35	Lunch	sponsored by Venture Southland
Meeting consents for emissions to air		
1.35– 1.55	Why we should be concerned about changes to air quality standards Brian Anderson, Consultant - Bryn Martin Ltd	
1.55 – 2 15	Advances in combustion monitoring and control including for PM2.5 Roger Cudmore, Principal Environmental Consultant - Golder Associates (NZ)	
Operators forum sponsored by Living Energy		
2.15 – 3.00	Attendees in facilitated groups will list the 3 most important things they have learnt about optimisation of plant operation and the 3 problems that they would each like the forum to address. (Attendees are encouraged to provide their lists to the organisers prior to the event) Presentation of collated suggestions from forum 1 session. Attendees in groups to prioritise for further coverage / education / guidance	
3.00 – 3.25	Tea break	sponsored by Canterbury Woodchip Supplies
3.25 – 3.55	Plant operators panel discussion - 3 operators share experiences 3 plant operators	
Optimisation of plant		
3.55 – 4.15	EECA boiler tuning programme Richard Briggs, Business Partnerships & Channels Manager - EECA	
4.15 –4.35	Lessons learnt from an audit of three medium size boilers, Desmond Gong, Combustion Engineer - Tailored Energy Solutions	
4.35 – 4.55	Making changes to boiler plant James Malthus, Proposal and Sales Engineer - RCR Energy	
4.55 – 5.00	Conference closing	

Forum attendee dinner

An informal dinner for Forum attendees will be held at the Chateau on the Park at 7.00pm on the evening preceding the Forum. All attendees are welcome. Registration for the dinner is on the Forum registration form.

Operator Forums

The Heat Plant Operator Forum is an annual Bioenergy Association event and is held so that plant operators have a place to come together and learn from each other. The operator discussion sessions at the forum will be based around the two questions which are on the reverse of the registration form. Attendees are encouraged to send their answers to the two questions to the event organizer so that they can be collated ahead of the event and used to start the discussions. Attendees should bring copies of their answers with them as all attendees will be asked to provide their contributions to the discussion.

Who's Who of Attendees

A Who's Who of Attendees will be collated and provided to all attendees. This is designed not only to encourage networking at the event but so that attendees can follow up after the event to create support networks.

The Forum is supported by

