

NZGA Seminar 12th October Programme

Geothermal Energy - Its Amazing What You Can Do Directly

Session 1

- 1-1 Welcome and Direct Heat Use Introduction Brian Carey
- 1-2 Technology Overview and Social understanding Brian Carey

Heat Pumps

- 1-3 Low temperature heat pumps for heating and cooling and Geothermal Heat Pumps in Sweden Lisa Lind
- 1-4 The Bosch Experience - Geothermal Heat Pumps / Ground Source Solutions - International and NZ Iain Hilton

Session 2

- 2-1 Dunedin Airport - Heating and cooling options using aquifer waters Peter Watson
- 2-2 Ground Source Energy Lyall Smith
- 2-3 Christchurch Airport and Christchurch South Library - heating and cooling options using aquifer waters Justin Hill
- 2-4 Climate Control Companies Association Grant Price
- 2-5 Planning associated with ground source energy in NZ Simon Bendall

Session 3

Direct Heat

- 3-1 International Energy Agency GIA - Direct Geothermal Use Research Chris Bromley
- 3-2 Rotorua Hospital Graeme Wilson
- 3-3 Forestry - Clean Steam for tissue products Greg Moore
- 3-4 Forestry - Kiln Drying Jim Dobbie
- 3-5 Taupo Hospital Ian Thain
- 3-6 Alpin Motel - Down hole exchangers Steve Osborne / Ian Thain
- 3-7 Gourmet Mokai Gina Rangī

Session 4

- 4-1 Plentyflora Gerbera greenhouse Harald Esendam
- 4-2 Balenology Martin Lobb
- 4-3 Modelling resource Studies Sophie Pearson
- 4-4 Using the Thermal Gradient and low temperature technology economics Mike Suggate
- 4-5 EECA grants to promote bioenergy and geothermal

Geothermal Energy - Its Amazing What You Can Do Directly

2011 New Zealand Geothermal Association Seminar

**Focussing on Direct Utilisation of Geothermal Energy
including low temperature technologies**

Date 12th October - 9:30am to 4:30pm

The timing has been set up to suit flights from both Wellington and Auckland.

Location - Clean Energy Centre Taupo – SH1 and SH5 (Napier) roundabout, Taupo

Book early to secure a place

**NZGA Seminar Cost \$95 excl GST.
Coffee and Lunch provided**

**To Register please contact Kay Elliston
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or Phone 07 374 8211**

