



17th Hydro Power Engineering Exchange

EVENT INFORMATION

Background

The Hydro Power Engineering Exchange (HPEE) was established in 1990 through a joint initiative of Snowy Hydro and ECNZ, along with other hydropower utilities based in Australia and New Zealand. The vision was to create a forum for information exchange amongst hydropower professionals in the South Pacific.

HPEE a biennial forum for hydropower professionals who have direct exposure to operation, maintenance and projects to share their technical knowledge and experience. It is essentially an asset-based conference of New Zealand and Australian hydro asset owners' technical staff, with some attendance from other countries.

The HPEE conferences provide an important vehicle to exchange information regarding plant lifecycle, failure risks and asset improvement opportunities. This leverages the value already provided by the technical staff within each company, establishes ongoing networks between individuals, and helps to avoid "reinventing the wheel" within each company.

The forum has a two-fold agenda, the first is to promote open and frank discussion, and interaction on engineering issues through the formal presentation of papers, and the second is to facilitate site visits detailing recent infrastructure modifications, projects, and the like.

Attendance is by invitation and invitations are only extended to organisations involved with the operation of hydro generation facilities. Invitations are not extended directly to consulting organisations or product and service providers.

Over the past 26 years HPEE has experienced a constant increase of interest and participation, and has now gained world-wide recognition and involvement.

Registration details

The indicative registration cost for participation in the Exchange is NZD \$1,700 incl. GST per delegate. Four nights' accommodation is included in this price (IN: Sunday 2nd Oct, OUT: Thursday 6th Oct). Airfares, airport transfers and meals that are not specifically mentioned in the programme are not included.

Site visits on Sunday 2nd October and Thursday 6th October are additional to the Exchange cost above and are:

- Contact Energy – Clyde & Roxburgh site visit \$50 incl. GST
- Meridian Energy – Manapouri site visit \$180 incl. GST

Note: If additional accommodation is required, this can be booked using the reduced rates negotiated for the HPEE.

Online registration will be available from 13th May 2016 on the HPEE website: www.hpee.co.nz

Theme

This year's theme is "**New Ideas for Old People and Older Plant**".

Our key assets (people and plant) are getting older. What innovative and new approaches are being implemented to build knowledge within our industry and prolong the life and performance of our generating assets?

Authors are asked to reflect on the conference theme and submit papers that provide practical examples of how we're managing these aging assets and structure the presentations to promote further exploration and discussion amongst delegates.

Timetable

Friday 15 th April 2016	Call for Abstracts and Open Forum topics
Friday 13 th May 2016	Website registration goes live
Friday 20 th May 2016	Call for Abstracts for Technical Papers closes
Friday 3 rd June 2016	Voting form sent to HPEE Committee
Friday 17 th June 2016	Successful Abstract authors are notified
Friday 26 th August 2016	Deadline for receipt of full Papers (incl. electronic presentations)

Call for Papers

We extend an invitation to you and your delegates to submit and present one or more technical papers. The papers (and the subsequent presentations) are;

- Preferably associated with the Exchange's theme of 'New Ideas for Old People and Older Plant'.
- To discuss all aspects of their topic (including successes and failure).
- To include comment on how the project/problem/topic impacted on your organisation.

To submit a paper, complete the attached Submission Form along with a brief abstract and the Author's CV, before COB the 20th of May 2016. Successful authors will be notified on 17th June 2016.

Open Forum Topics

Along with the paper presentations, the forums form an integral part of this exchange. They present a less formal environment for delegates to seek input from other organisations on issues that they are currently investigating and pursue information from the experience of other people in industry. The

Forums consist of representatives providing a prepared statement of their organisation's experience, in response to questions submitted.

To submit a question/topic please complete the attached form and return to the organisers by the 20th May 2016.

We ask that, if submitting a proposed topic for a forum, you agree to act as co-ordinator/chair-person for that session. We suggest that grouping of similar topics in the same forum session will achieve the best outcome.

Proposed programme

The official exchange will take place from Monday to Wednesday, with optional site visits prior to and after the presentation of papers.

The programme will comprise of a mixture of prepared paper presentations, open forum discussions on pre-advised topics, and site visits. The highlight of the social events will be a cruise on the historic TSS Earnslaw, a 102 year old steamship, followed by dinner at Walter Peak High Country Farm on Tuesday evening.

Site visits will include a tour through Contact Energy's Clyde and Roxburgh power stations and a trip to Manapouri (Meridian), New Zealand's largest hydro power station located in the World Heritage Fiordland National Park.

The exchange programme is as follows;

Sunday 2 nd October	Arrival and Registration open at the Crowne Plaza Hotel Site visits to Clyde and Roxburgh power stations Own dinner arrangements / free night
Monday 3 rd October	Opening address, technical presentations Welcome dinner and drinks at the Crowne Plaza
Tuesday 4 th October	Technical presentations and open forums Evening cruise on the TSS Earnslaw to Walter Peak Station for dinner
Wednesday 5 th October	Technical presentations and open forums Official exchange dinner and prizes awarded at the Crowne Plaza
Thursday 6 th October	Site visit to Manapouri Power Station with lunchtime cruise on Doubtful Sound

We highly recommend that you enjoy all that Queenstown has to offer before returning home. For ideas on activities that could take your interest, visit: <http://www.queenstownnz.co.nz>.

Exchange Venue

The Exchange will be held at the Crowne Plaza Hotel (<https://queenstown.crowneplaza.com/>) on the shores of Lake Wakatipu. Four nights' accommodation at the Crowne Plaza Hotel is included in the overall cost for the exchange (IN: Sunday 2nd October, OUT: Thursday 6th October).

As the “Adventure Capital of the World” Queenstown is home to a huge choice of activities, from skiing, jetboating, bungee jumping and skydiving to relaxation and fine dining.

The Exchange is held in spring so the weather should be crisp but settled, most major ski-fields are open into the first week of October so don't forget to plan ahead if you wish to hit the slopes!

Contact information

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