



## **The Energy Federation of New Zealand (EFNZ)**

The Energy Federation of New Zealand Inc (EFNZ) was formed in 1997 following the merger of the Energy Foundation of New Zealand and the New Zealand branch of the World Energy Council (WEC), which is based in London.

The EFNZ is a membership based, not-for-profit organization, which exists to promote the sustainable development and use of energy resources both in New Zealand and globally. It runs an active programme of seminars, conferences, submissions, and projects, both independently and in collaboration with other energy sector organizations.

The EFNZ is a member of WEC, a global, multi-energy organization with significant support from private companies, public utilities, governments, academia, and prominent individuals in close to 100 countries, including all of the major energy production and consumption markets.

EFNZ members have access to password protected parts of the WEC website [www.worldenergy.org](http://www.worldenergy.org).

### **Visions of the EFNZ**

1. To be the independent pan energy industry association supporting NZ's economic well-being through sustainable energy use.
2. To be the New Zealand Member Committee of the World Energy Council (WEC), share its vision and support its goals and work programmes.

### **Strategic aims of the EFNZ**

1. To champion the development of sustainable energy solutions to support the economic well being of New Zealanders and New Zealand business.
2. To be the developer and conduit of energy research and information of interest to the NZ energy sector and policy makers and the WEC.
3. To promote and champion a shared understanding of NZ's long-term energy options.
4. To promote coordination and collaboration within the Energy Industry.
5. To organise a continuing programme of activities for its members and a wider audience.
6. To undertake and coordinate collaborative studies.
7. To establish a strong value proposition for membership.
8. To provide sound technical information and represent consensus industry views to government.
9. To promote widespread recognition of the EFNZ within the energy sector and government.
10. To participate and give support to WEC activities and programmes.
11. To disseminate and add value to WEC information.
12. To act with independence and integrity.

### **Strategic goals of the EFNZ**

1. To be the premier New Zealand pan-energy industry non-governmental organization (NGO).
2. To have 100% full/corporate membership from the major energy companies and associations.

3. To have a high level of associate membership.
4. To be recognised by the Government as the key organisation representing the Energy Sector.
5. To be an active participant in the WEC.

### **Achieving EFNZ's strategic aims and goals**

1. Share information on energy-related issues;
2. Communicate and represent energy industry views;
3. Provide a forum for discussions and networking through conferences/seminars/ workshops on energy issues;
4. Prepare and disseminate clear and readable reports on matters of general interest to the energy industry;
5. Coordinate and assist other organisations in the energy field;
6. Assist the government to develop policies that support and encourage the sustainable use of energy for economic growth and well-being in New Zealand;
7. Encourage and support research projects that will promote the sustainable use of energy for economic growth and well-being in New Zealand;
8. Promote the economic, environmental and social benefits of efficient energy production and use;
9. Encourage the development of sustainable energy technologies;
10. Active membership in the World Energy Council (WEC) by:
  - a) Liaising with similar international organisations,
  - b) Participating in WEC Studies, Technical and Regional Programmes,
  - c) Participating in international task group projects on energy issues,
  - d) Disseminating WEC information within New Zealand,
  - e) Representing New Zealand at plenary, sectional and other meetings, congresses, symposia, of the WEC,
  - f) Supplying information on WEC activities;
11. Gathering and disseminating information that will assist members to be at the forefront of technology and innovative energy developments.

### **EFNZ's provision of services**

A range of services is provided to members of the Energy Federation. These include:

1. regular newsletters;
2. faxed or emailed circulation of news items;
3. seminars, conferences, workshops;
4. energy studies;
5. distribution of World Energy Council and other energy-related
6. international material;
7. collective research commissions;
8. participation in international studies and working groups; representation of energy industry views;
9. membership access to the Global Energy Information System at [www.worldenergy.org](http://www.worldenergy.org).

## **EFNZ's membership categories**

There are four categories of annual membership subscription as follows:

1. Full membership is open to producers and distributors of energy (electricity, gas, petrol, oil, and others) electricity distributors, operators and lines companies, or any energy organisation, within and outside New Zealand, interested in any aspect of energy, supporting the objectives of the EFNZ and WEC, and wishing to support co-operative initiatives to achieve these objectives. *This category excludes energy organizations with member companies or affiliates that have declined EFNZ memberships.*
2. Associate membership Level 1 is open to research institutes, government ministries and authorities, and other professional associations, within and outside New Zealand, who support the objectives of the EFNZ and WEC.
3. Associate Membership Level 2 is open to energy industry associations (where EFNZ Corporate Members are also major members), academic institutions and university departments, sole traders, independent contractors, consultants, and NGO's, working in or with an interest in the energy sector within and outside New Zealand, who support the objectives of the EFNZ and WEC.
4. Individual membership is open to individuals who are not affiliated or not working with EFNZ Corporate and Associate Level 1 and 2 Members, with an interest in the energy sector, based in New Zealand and overseas, and who support the objectives of the EFNZ, including the WEC. This category shall also include retired or unwaged individuals with a record of support for the energy sector and the Energy Federation. Individuals may apply on their own or maybe invited by the Energy Federation Board or Management Committee. *This category is not open to individuals who are employed by or associated with companies or organisations that have declined EFNZ memberships.*

## **EFNZ's membership fees**

- |                              |   |                                   |
|------------------------------|---|-----------------------------------|
| 1. Full members              | : | \$3,850.00 + 15% GST = \$4,427.50 |
| 2. Associate members Level 1 | : | \$1,150.00 + 15% GST = \$1,322.50 |
| 3. Associate Members Level 2 | : | \$390.00 + 15% GST = \$448.50     |
| 4. Individual Membership     | : | \$80.00 + 15% GST = \$92.00       |

*Note: Subscription period is for a calendar year.*

## **Benefits of membership with the EFNZ**

Joining the EFNZ has clear benefits for all companies and individuals with an interest in New Zealand's energy industry. These are as follows:

1. Networking - participating in EFNZ and WEC activities provides a great opportunity for making contacts with key energy people in New Zealand, Asia and the Pacific, and internationally.
2. Information - the WEC website ([www.worldenergy.org](http://www.worldenergy.org)) is a great information resource and it is supplemented by WEC publications and Conference proceedings.
3. Independent Forum - Both nationally and internationally, the EFNZ and WEC provide fora at which industry can discuss issues both amongst themselves, and with politicians and government officials.
4. Industry Initiatives - WEC and EFNZ provide a vehicle for industry to get together to do something that will provide collective benefit.

5. Research Opportunities – The EFNZ could provide a good vehicle for setting-up FRST energy research consortia as research enterprises and increases both government and industry investments in energy research
6. Profile – WEC and EFNZ enable the energy industry to enhance its public profile, and provide opportunities for Members to increase their profile within the industry.
7. Others
  - a) Full membership - All officers and individual staff members of this member category automatically becomes an EFNZ and WEC member. They will also be entitled to member's rate for EFNZ and WEC events, publications, and other benefits.
  - b) Associate membership Level 1 – Up to 5 staff and officers of this member category automatically becomes an EFNZ and WEC member. The same number of persons will also be entitled to member's rate for EFNZ and WEC events, publications, and other benefits.
  - c) Associate Membership Level 2 - Up to 3 staff and officers of this member category automatically becomes an EFNZ and WEC member. The same number of persons will also be entitled to member's rate for EFNZ and WEC events, publications, and other benefits.
  - d) Individual membership – Each member automatically becomes an EFNZ and WEC member and will also be entitled to member's rate for EFNZ and WEC events, publications, and other benefits.

### **Officers of the EFNZ**

The following are the elected/nominated officers:



1. Chairperson – Dr. Robert Whitney
2. Deputy Chairperson – Peter Calderwood
3. Auditor - KPMG

A Professional Secretariat is provided and an Executive Officer is designated for the Secretariat. Officers are elected at the Board Meeting immediately following the Annual General Meeting of the EFNZ. Full members elect the Chairperson and Deputy Chairperson for one year.

### **Meetings**

All full members make up the EFNZ Board, which meets regularly. At least one meeting each year takes the form of a seminar on an energy-related issue.

Associate and individual members are welcome to attend meetings. All members have voting rights at Annual General Meetings while only full members have voting rights at Board Meetings.

A Management Committee meets every two months to deal with administration items and is comprised of sector organisations.

**Membership enquiries to:**



**Cito Gazo**

Executive Officer

Energy Federation of New Zealand (Inc)

P O Box 12 633 WELLINGTON

Phone: (04) 570 3712 Fax: (04) 570 3701

Email: [energy.fed@crl.co.nz](mailto:energy.fed@crl.co.nz) Website: [www.energyfed.org.nz](http://www.energyfed.org.nz)

## **Current membership (2012)**

### ***Full (Corporate) Members***

1. BP Oil NZ
2. CRL Energy Ltd
3. Energy Library & Information Services
4. Meridian Energy
5. Transpower NZ
6. Trustpower
7. Z Energy

### ***Associate 1 Members***

1. Energy Efficiency and Conservation Authority
2. Electricity Authority
3. GNS Science
4. Industrial Research Limited
5. Ministry of Economic Development
6. Ministry of Transport
7. Motor Trade Association Inc

### ***Associate 2 Members***

1. Coal Association of New Zealand
2. Hale & Twomey
3. National Energy Research Institute
4. Unitec - Sustainable Energy Initiatives Research Group

### ***Individual Members***

1. Gavin Adlam
2. Barry Blackett
3. Tom Halliburton
4. Hon. Douglas Kidd
5. Jonathan Lermitt
6. Stuart Young



## **EVENTS**

### **Coming Events:**

1. Open for suggestions/requests

### **Past Events:**

1. Advanced Biofuels Research Network (ABRN) Science Symposium - "Next Generation Liquid Biofuels and Co-Products", 28-29 Nov 2011, Wellington
2. Energy Policy Forum 2011 with MP Charles Chauvel (Labour) and MP Kennedy Graham (Green), 22 Nov 2011, Wellington
3. Lunch Seminar with Hon Hekia Parata, Acting Minister of Energy & Resources, 7 Nov 2011, Wellington
4. Lunch Seminar with Stephen Matthews, CEO, Motor Trade Association ("Consumer choice in transport – benefits of vehicles over public transport"), 22 Sep 2011, Wellington
5. Lunch Seminar with Dr. Rob Badcock, Senior Energy Researcher, Industrial Research Ltd ("Superconductivity and Energy Systems; building capability on NZ expertise", 27 Jul 2011, Wellington
6. Lunch Seminar with Mike McGuinness, Managing Director, BP Oil NZ ("Well to Wheels: A Journey Through the New Zealand Supply Chain"), 30 Jun 2011, Wellington
7. Lunch Seminar with Ted Montague, Geothermal Development Manager, Contact Energy ("Has the Geothermal Industry reached critical mass?"), 15 Apr 2011, Wellington
8. Lunch Seminar with Carl Hansen, Chief Executive, Electricity Authority ("The Electricity Authority: Future Direction and Focus"), 13 Dec 2010, Wellington
9. Lunch Seminar with Mike Bennetts, CEO, Greenstone Energy ("Challenges and Changes in the New Zealand Fuel Industry"), 10 Nov 2010, Wellington
10. Lunch Seminar with Tim Lusk, CEO, Meridian Energy ("Meridian Unplugged ... Insights into the last two years at the helm"), 22 Sep 2010, Wellington
11. 21st WEC World Energy Congress (Including Future Energy Leaders Programme), 12-16 Sep 2010, Montreal, Canada
12. Lunch Seminar with Brian Bull, Electricity Commission and Fraser Clark, NZ Wind Energy Association ("Dry and Calm Spells: Correlation and Implications for Economics of Wind"), 15 Aug 2010, Wellington

13. "Dry and Calm Spells: Implications for Economics of Wind" with Brian Bull (Electricity Commission) and Fraser Clark (NZ Wind Energy Association), 18 August 2010, Wellington
14. AGM and Lunch Seminar on Current Researches in Energy – Petroleum, Oil and Gas, Geothermal and Gas Hydrates Research. Update on Current Mineral Challenge" with Dr. Alex Malahoff, CEO, GNS Science, 15 July 2010
15. Lunch Seminar with Dr. Brent Layton on "Recommendations to the Electricity Market Review", 25 March 2010, Wellington
16. WEC Asia Regional Committee Meeting, 22-24 February 2010, Wellington (WEC EFNZ Roundtable Sessions on Energy Challenges in Asia, WEC Asia Regional Meeting, facilitated tours, visits, meetings)
17. Power and Electricity World (Endorsed for Terrapinn-Australia), 15-18 February 2010, SkyCity Convention Centre, Auckland
18. Lunch Seminar on "The Journey to Emissions Trading" with Stuart Frazer, Frazer, Frazer Lindstrom Ltd, 17 December 2009, Wellington
19. Lunch Seminar with Mr. Morey Wolfson, Utilities Program Manager, Colorado Governor Bill Ritter's Energy Office ("Energy Policy and Research Directions in the USA - A National and State View"), 14 Aug. 2009, Wellington
20. Seminar on Carbon Capture and Storage: Where Are We Now?, 27 April 2009, Wellington
21. AGM, Lunchtime Seminar with Rob Jager, Country Chair, Shell NZ, "The Energy Challenge: Shell Global Scenarios" and Workshop on WEC Assessment of Energy Policy and Practices Study "How Does New Zealand Rate?", 22 April 2009, Wellington
22. 11th Annual National Power New Zealand 2009 (Endorsed for Terrapinn) - 23-27 Feb 2009, SkyCity Convention Centre, Auckland
23. Meetings with the UK-to-New Zealand Energy Mission on Wind and Marine Energy, Carbon Capture and Storage, Electricity Distribution and Transmission, Energy Efficiency and Conservation - 2-5 Feb 2009, Organised for the British High Commission
24. Lunchtime Seminar with David Caygill, Chair, Electricity Commission - 17 December 2008, Wellington
25. "The State of the National Grid" - Lunch Seminar with Dr. Patrick Strange, Chief Executive, Transpower, 9 October 2008, Wellington
26. 2008 Energy Policy Forum (A Debate Among Energy Spokespersons of NZ Political Parties), 4-7 pm, 10 September 2008
27. "Experience on Geothermal Energy Development in the Philippines" - Dr. Ramonchito Cedric Malate, PNOC-EDC, 26th August 2008, Wellington
28. "Where Science Can Take Our Energy Future - Results from EnergyScape: Stakeholder Meeting", 16 July 2008, Wellington
29. 2008 EFNZ Annual General Meeting and Lunch Seminar with Mike Underhill, Chief Executive, EECA, 20 May 2008, Wellington
30. Lunchtime Seminar with Gerald Doucet, WEC Secretary General and NZ Delegates to 2007 WEC Youth Energy Congress in Rome, Italy, 5 Mar. 2008, Wellington
31. Roundtable Meeting on "Low Carbon Transport" with Gerald Doucet, WEC Secretary General, 4 Mar. 2008, Wellington (Hosted by BP Oil NZ)
32. Roundtable Meeting on "Renewable Energy" with Gerald Doucet, WEC Secretary General, 4 Mar. 2008, Wellington (Hosted by Transpower)
33. Roundtable Meeting on "Energy Efficiency" with Gerald Doucet, WEC Secretary General, 3 Mar. 2008, Wellington (Hosted by Meridian Energy)

- 34.10th Annual National Power New Zealand 2008 (Endorsed for Terrapinn) - 25-29 Feb 2008, Auckland
- 35."Renewable Electricity in New Zealand: A Master Class" (VUW, NERI and EFNZ), 22 Feb 2008, Wellington
- 36."Carbon-Neutral Electricity in New Zealand - A Symposium" (VUW and NERI), 21 Feb 2008, Wellington
- 37."Workshop on New Zealand Energy Strategy to 2050" - 6 Dec 2007, Wellington
- 38.Lunchtime Seminar on "Contact Energy's Geothermal Energy Programme and the Role of Geothermal Energy in New Zealand" with Ted Montague, Generation Development Manager, Contact Energy, 31 Oct 2007, Wellington
- 39.Lunchtime Seminar on "Decentralized Energy Technologies - A Solution for New Zealand" with David Sweet, Executive Director, World Alliance for Decentralized Energy (WADE), Edinburgh, Scotland, 23 Oct 2007, Wellington
- 40.CANZ-EFNZ Lunchtime Seminar with Dr. Geoff Morrison, Programme Manager, IEA-Clean Coal Centre (UK), 24 Sep 2007, Wellington
- 41.Lunchtime Seminar with Dr. Don Elder, CEO, Solid Energy, 14 Sep 2007, Wellington
- 42."Energyscape - "FRST's Energy Related Research Projects", 1st Stakeholder's Meeting, 9 Aug 2007, Wellington
- 43.CAN-EFNZ Lunch Seminar with Dr. Peter J. Cook, CO2CRC-Australia, 28 Jun 2007, Wellington
- 44.2007 Annual General Meeting and Lunch Seminar with Murray Jackson, Chief Executive, Genesis Energy, 14 Jun 2007, Wellington
- 45.Lunchtime Seminar with Kurt Yeager ( Executive Director, Galvin Electricity Initiative, Chairman, WEC Study on Energy and Climate Change, and former President and Chief Executive Officer, EPRI), 1 Mar 2007, Wellington
- 46.9th Annual National Power New Zealand 2007 (Endorsed for Terrapinn) - 26-28 Feb 2007, Auckland
- 47.2007 Seminar on the Government's Energy and Climate Change Policies, 16 Feb 2007, Wellington
- 48.2006 EFNZ Conference on Fuels, Emissions, and Technologies, 27 Nov 2006, Wellington
- 49.2006 EFNZ Seminar on "The Drive to Lower Emissions", 25 Oct 2006, Auckland
- 50.2006 EFNZ Seminar - "Technology Options for Climate Change Mitigation" - 18 Oct 2006, Wellington
- 51.Annual General Meeting-Luncheon Seminar with Mr. Phil O'Reilly, Chief Executive, Business New Zealand, Topic: "The Importance of Energy on New Zealand Business", 17 May 2006, Wellington
- 52.Seminar on "The Status of Renewable Energy Adoption in the USA" with Mike Eckhart, Co-Chairman, World Council for Renewable Energy, Ministry for Research, Science, and Technology, 1 May 2006, Wellington
- 53.8th Annual National Power Congress New Zealand 2006 (Endorsed for Terrapinn) - 1-3 Mar 2006, Auckland
- 54.Luncheon Seminar with Hon. David Parker, Minister of Energy - 9 Feb 2006, Wellington
- 55.New Energy Technologies Symposium - 12 Oct 2005, Wellington
- 56.Energy Research Investment Strategy Workshop - 29-30 Sep 2005, Wellington

57. Energy Policy Forum (with Representatives from NZ Political Parties) - 29 Jun 2005, Wellington
58. AGM-Luncheon Seminar with Hon. Trevor Mallard, Minister of Energy - 5 May 2005, Wellington
59. Luncheon Seminar with Mr. Gerald Doucet, Secretary General, World Energy Council - 7 Mar 2005, Wellington
60. Seminar on International Markets for Carbon Credits - 27 Jan. 2005, Wellington
61. Energy Conference 2004 New Zealand Future Energy Needs and Outlook - 25 Nov 2004, Wellington
62. Transport Emissions Conference: Moving Forward - 18 Aug 2004, Wellington
63. Luncheon Seminar with Dr. John Wright - CSIRO, Australia - 22 Jun 2004, Wellington
64. Workshop on CDM and the Kyoto Protocol - 16 Apr 2004, Wellington
65. Luncheon Seminar with Roy Hemmingway, Chair, Electricity Commission - 25 Mar 2004, Wellington
66. Symposium on Geological Sequestration of CO<sub>2</sub> - 23 Feb 2004, Wellington
67. Luncheon Seminar with Andrew Knight (NGC) - 28 Nov 2003, Wellington
68. EFNZ Conference on Climate Change Projects - 19 Aug 2003, Wellington
69. NZ Energy Federation Conference on the Electricity Commission and Market Design Options - 17 Jun 2003, Wellington
70. Dr R K Pachauri, Intergovernmental Panel on Climate Change - "How close is a Kyoto Protocol world? Issues still remaining and progress made" - 9 May 2003, Wellington
71. EFNZ Conference on "The NZ Road to Cleaner Air", 27-28 Jun 2001, Wellington



## **PUBLICATIONS<sup>1</sup>**

### **Documents**

1. NZ Government Energy Programmes (First Progress Report)
2. New Zealand Energy Strategy to 2050
3. EFNZ Business Plan
4. Energy Research Investment Strategy (ERIS) Document
5. Sustainable Management Fund Information Kits - Energy efficient ways to improve the economic bottom line of your:
  - a. Dairy Farm
  - b. Fishing Business
  - c. Forest Harvesting Business
  - d. Mining or Quarrying Business
  - e. Protected Crops Business
  - f. Road Transport Business
6. A Guide to Estimating Greenhouse Gas Emission Reductions from New Zealand Projects
7. CDM Primer - WEC branded - 30 June 2003

### **Proceedings of events**

1. Advanced Biofuels Research Network (ABRN) Science Symposium - "Next Generation Liquid Biofuels and Co-Products", 28-29 Nov 2011, Wellington
2. Energy Policy Forum 2011 - 22 Nov 2011, Wellington
  - Green Party Energy Policy - MP Kennedy Graham
  - Labour Party Energy Policy - MP Charles Chauvel
3. Lunch Seminar with Hon Hekia Parata, Acting Minister of Energy & Resources, 7 Nov 2011, Wellington (No proceedings)
4. "Consumer choice in transport – benefits of vehicles over public transport" - Lunch Seminar with Stephen Matthews, CEO, Motor Trade Association, 22 Sep 2011, Wellington
5. "Superconductivity and Energy Systems; building capability on NZ expertise" - Lunch Seminar with Dr. Rob Badcock, Senior Energy Researcher, Industrial Research Ltd 27 July 2011, Wellington

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<sup>1</sup> (Available at the EFNZ website – [www.energyfed.org.nz](http://www.energyfed.org.nz))

6. "Well to Wheels: A Journey Through the New Zealand Supply Chain" - Lunch Seminar with Mike McGuinness, Managing Director, BP Oil NZ, 30 June 2011, Wellington
7. EFNZ Chairman's Report - AGM2011 - R. Whitney, 30 June 2011, Wellington
8. "Has the Geothermal Industry reached critical mass?" - Ted Montague, Geothermal Development Manager, Contact Energy, 15 Apr 2011, Wellington
9. "The Future Direction and Focus for the Electricity Authority" - Lunch Seminar with Carl Hansen (Chief Executive Electricity Authority), 13 Dec 2010, Wellington
10. "Challenges and changes in the New Zealand Fuel Industry" - Lunch Seminar with Mike Bennetts (CEO, Greenstone Energy), 10 Nov 2010, Wellington
11. Meridian Unplugged ... Insights into the last two years at the helm" - Lunch Seminar with Tim Lusk, CEO, Meridian Energy, 22 Sep 2010, Wellington
12. Lunch Seminar on "Dry and Calm Spells: Correlation and Implications for Economics of Wind", 15 Aug 2010, Wellington
  - Presentation of Brian Bull, Electricity Commission
  - Presentation of Fraser Clark, NZ Wind Energy Association
13. "Current Researches in Energy – Petroleum, Oil and Gas, Geothermal and Gas Hydrates Research. Update on Current Mineral Challenge" by Dr. Alex Malahoff, CEO, GNS Science, 15 July 2010
14. "Chairman's Report to the 2010 Annual General Meeting" by Dr. Rob Whitney, 15 July 2010
15. "The Journey to Emissions Trading" - Stuart Frazer, Frazer Lindstrom, 17 Dec. 2009, Wellington
16. "Energy Policy and Research Directions in the USA - A National and State View", Morey Wolfson, Utilities Program Manager, Colorado Governor Bill Ritter's Energy Office, 14 Aug. 2009, Wellington
17. "The National Grid - Building for the Future" by W. Brown, Chair, Transpower 22 Jul. 2009, Wellington
18. Papers presented during the Seminar on "Carbon Capture and Storage: Where Are We Now?", 27 Apr. 2009, Wellington
19. "The Energy Challenge: Shell Global Scenarios" by R. Jager. Country Chair, Shell NZ, 22 Apr 2009, plus brochure on "Shell Energy Scenarios to 2050"
20. Report on UK-NZ Mission on Agricultural Biotechnology and Biofuels, 15 Mar 2009 - S Thompson, British High Commission, Wellington
21. Report on UK-NZ Mission on Renewable and Clean Energy, 2-6 Feb 2009 - S Thompson, British High Commission, Wellington
22. "Feed-in Tariffs: Accelerating the Deployment of Renewable Energy" by Dr, Benjamin K. Sovacool, National University of Singapore and "Solar City Nelson" by Barrie Leay - 10 December 2008, Wellington
23. "The State of the National Grid"- Dr. Patrick Strange, Chief Executive, Transpower, 9 October 2008, Wellington
24. "Experience on Geothermal Energy Development in the Philippines" - Dr. Ramonchito Cedric Malate, PNOC-EDC, 26th August 2008, Wellington
25. "Where Science Can Take Our Energy Future - Results from EnergyScape: Stakeholder Meeting", 16 July 2008, Wellington (Link to presentations and documents - [www.energyscape.co.nz](http://www.energyscape.co.nz))
26. 2008 EFNZ Annual General Meeting and Lunch Seminar with Mike Underhill, Chief Executive, EECA
  - a. R Whitney - Chair's AGM report
  - b. M Underhill's presentation

27. Renewable Electricity in New Zealand: A Master Class, 22 Feb 2008, Wellington
28. Gerald Doucet, WEC Secretary General and NZ Delegates to 2007 WEC Youth Energy Congress (Rome, Italy) 5 Mar. 2008, Wellington
  - a. G Doucet's presentation
  - b. NZ Youth's presentation
29. 2007 EFNZ Workshop on New Zealand Energy Strategy to 2050, 6 Dec 2007, Wellington
30. Geothermal Energy Programme and the Role of Geothermal Energy in New Zealand with Ted Montague, Generation Development Manager - Contact Energy, 31 Oct 2007, Wellington
31. Decentralized Energy Technologies - A Solution for New Zealand with David Sweet, Executive Director, World Alliance for Decentralized Energy (WADE), Edinburgh, Scotland, 23 Oct 2007, Wellington
32. Clean Coal Technologies with Dr. Geoff Morrison, Programme Manager, IEA-Clean Coal Centre (UK), 24 Sep 2007, Wellington
33. Energy, Emissions and the Economy: Opportunities and Challenges for New Zealand with Dr. Don Elder, CEO, Solid Energy, 14 Sep 2007, Wellington
34. Energyscape: FRST's Energy Related Research Projects
35. Prospects for the Deployment of CO<sub>2</sub> Capture and Storage with Dr. Peter J. Cook, CO<sub>2</sub>CRC-Australia, 28 Jun 2007, Wellington
36. 2007 AGM and Lunch Seminar with Murray Jackson, Chief Executive, Genesis Energy, 14 Jun 2007, Wellington - EFNZ Chairman R Whitney's Report and M Jackson's presentation
37. Kurt Yeager ( Executive Director, Galvin Electricity Initiative, Chairman, WEC Study on Energy and Climate Change, and former President and Chief Executive Officer, EPRI), 1 Mar 2007, Wellington
38. 2007 Seminar on the Government's Energy and Climate Change Policies, 16 Feb 2007, Wellington
39. 2006 EFNZ Conference on Fuels, Emissions, and Technologies, 27 Nov 2006, Wellington
40. 2006 EFNZ Workshop on The Drive to Lower Emissions, 25 Oct 2006, Auckland
41. 2006 EFNZ Seminar on Technology Options for Climate Change Mitigation, 18 Oct 2006, Wellington
42. 2006 AGM and Luncheon Seminar with Phil O'Reilly, Chief Executive, Business NZ, The Importance of Energy on New Zealand Business, 17 May 2006, Wellington
43. The Status of Renewable Energy Adoption in the USA with Mike Eckhart, Co-Chairman of World Council for Renewable Energy, Ministry of Research, Science, Technology, 1 May 2006, Wellington
44. Hon. David Parker. Minister of Energy, 9 Feb 2006, Wellington
45. Symposium on New Energy Technologies for New Zealand, 12 Oct 2005 (in CD-ROM)
46. Gerald Doucet (WEC Secretary General), 7 Mar 2005, Wellington
47. International Markets for Carbon Credits, 27 Jan 2005, Wellington
48. Energy Conference 2004 New Zealand Future Energy Needs and Outlook, 25 Nov 2004, Wellington
49. Transport Emissions Conference: Moving Forward , 18 Aug 2004, Wellington
50. Dr. John Wright, CSIRO, Australia, 22 Jun 2004
  - a. Energy Transformed Flagship Programme

b. CSIRO Energy Centre

- 51. Workshop on CDM and the Kyoto Protocol, 16 Apr 2004, Wellington
- 52. Roy Hemmingway, Electricity Commission, 25 Mar 2004, Wellington
- 53. Symposium on Geological Sequestration of CO<sub>2</sub>, 23 Feb 2004, Wellington
- 54. Andrew Knight, NGC, 28 Nov 2003, Wellington
- 55. EFNZ Conference on Climate Change Projects, 19 Aug 2003, Wellington
- 56. EFNZ Conference on Electricity Commission and Market Design Options, 17 Jun 2003, Wellington
- 57. Dr. R. K. Pachauri, IPCC, "On Kyoto Protocol", 9 May 2003, Wellington
- 58. NZ Energy Conference 2002 - the way forward, 7-8 Oct 2002, Wellington
- 59. NZ Road to Cleaner Air Conference, 27-28 Jun 2001, Wellington
- 60. NZ Energy Outlook Workshop, 8 Dec 2000, Wellington



## MEMBERSHIP APPLICATION FORM

Type of Membership: (please check)

- Corporate (Full) Member (\$3,850.00 + 15% GST = \$4,427.50)
- Associate Level 1 Member (\$1,150.00 + 15% GST = \$1,322.50)
- Associate Level 2 Member (\$390.00 + 15% GST = \$448.50)
- Individual Member (\$80.00 + 15% GST = \$92.00)

Please fill-up the following (where applicable):

Name of company/organisation/person:	
Postal address:	Physical office address:
Telephone/Mobile:	E-mail:
Facsimile:	Website:

Please provide details of contact person(s)/people at your company/organisation.

Name:	Name:
Position:	Position:
Telephone:	Telephone:
Mobile:	Mobile:
Facsimile:	Facsimile:
Email:	Email:

*The above information is for the Energy Federation of New Zealand (Inc) database records only and will not be available to any other party unless written permission is sought.*

Please return by mail or email as an attachment to [C.Gazo@crl.co.nz](mailto:C.Gazo@crl.co.nz)