



# New Zealand

Policies, Subsidies & Incentives

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# New Zealand Market

- Generation supply
  - 6,100 MW (55% renewables); 40,000 GWh *pa*
- Demand growth  $>1.3\%$  *pa*
- Target: 90% renewable electricity by 2025
- Requires 175 MW *pa*; 3,500 MW by 2025

Geothermal	1,200 MW	Wind	1,000 MW
Hydro	700 MW	Thermal	300 MW

(assuming high carbon cost)
- Scenarios include 250 MW of wave by 2025
- Electricity Commission planning for marine

# Research & Innovation

- Growth and Innovation Framework
- Gov't science funding (MoRST, FRST)
  - <NZ\$ 1 million *pa* (2004-2008) - 3 marine projects
  - <NZ\$ 1 million *pa* (2009-2014) – 2 marine projects?
- Private Sector R & D?
- Tax changes (from 1 April 2008)
  - Company tax 33% to 30%
  - 15% R & D tax credit scheme

# Government Strategies & Actions

- NZ Energy Strategy & NZ Energy Efficiency and Conservation Strategy
  - Marine Energy Deployment Fund  
NZ\$ 8 mm (US\$ 6 mm) over 4 years; 2 projects applied
  - Resources atlas by end-2009
  - Standards from 2010
  - Support for AWATEA
- Emissions Trading Scheme
  - Stationary energy enters from 1 Jan 2010
- Membership of IEA: OES & TC114

# Legislation & Policies

- RMA 1991 & Amendments
  - Single planning act, which now requires councils and courts to 'give consideration to national significance of renewable energy'
- National Policy Statement on Renewables
  - Proposed statement to give guidance to councils and courts on national significance of renewables
  - Initial consultation completed; NPS draft being developed; implementation in 2<sup>nd</sup> half 2008
- Revision of Coastal Policy Statement

# New Zealand Projects

- 24 projects identified; 6 published
  - *Crest Energy, Neptune Power, Natural Systems*
  - *WET-NZ, PGP, Tidal Flow Seamills*
- 18 deployment projects; 6 wave & 12 tidal
- 9 device developments; 9 importation
- All early stage – only 2 applied for MEDF funding

Great resource – growing demand – innovative developers – supportive Government

**COME to AWATEA conference –  
Wellington 29 May!**