

<p>2017 Wind Energy Conference</p> <p>Programme</p> <p>12 April 2017</p> <p>Rydges Hotel, Wellington</p>	
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## Transitioning to a Low Carbon Economy with Wind Energy

<p><b>Welcome and Minister's Presentation</b></p> <p><b>8.30 – 9.00</b></p>	<p><b>The Energy Sector, Climate Change and Renewables</b></p> <ul style="list-style-type: none"> <li>▪ Hon Judith Collins, Minister of Energy and Resources</li> </ul>
<p><b>Session 1</b></p> <p><b>A World View</b></p> <p><b>9.00 to 10.35</b></p>	<p><b>Update on US energy use and the special case for 100% renewables in Hawaii</b></p> <ul style="list-style-type: none"> <li>▪ Terrence Surlis, Hawaii State Energy Office</li> </ul>
	<p><b>Energy demand and supply trends including wind deployment and growth forecasts</b></p> <ul style="list-style-type: none"> <li>▪ Ralph Sims, Centre for Energy Research, Massey University</li> </ul>
	<p><b>Paris Agreement update and impact on carbon pricing</b></p> <ul style="list-style-type: none"> <li>▪ Adrian Macey, Victoria University</li> </ul>
<p><b>Morning tea break</b></p>	
<p><b>Session 2</b></p> <p><b>A NZ View</b></p> <p><b>10.55 - 12.25</b></p>	<p><b>Electricity outlook - demand and generation scenarios</b></p> <ul style="list-style-type: none"> <li>▪ Greg Sise, Energy Link</li> </ul>
	<p><b>A generator's view of the market</b></p> <ul style="list-style-type: none"> <li>▪ Grant Telfar, Meridian</li> </ul>
	<p><b>Forces of change - and what are the impacts of electric vehicles and solar?</b></p> <ul style="list-style-type: none"> <li>▪ Grant Smith, MitchellSmith</li> </ul>
	<p><b>What do the emission reduction targets mean for the electricity sector and wind energy?</b></p> <ul style="list-style-type: none"> <li>▪ Ralph Sims, Centre for Energy Research, Massey University</li> </ul>
	<p><b>Panel Discussion – so where are we at, can we get a consensus on the outlook and what does this mean for renewables and wind energy?</b></p> <ul style="list-style-type: none"> <li>▪ Facilitator – John Hancock, Signature Consulting</li> <li>▪ Speakers plus Nevill Gluyas, First NZ Capital</li> </ul>
<p><b>An Opposition Perspective</b></p> <p><b>12.25 – 12.45</b></p>	<p><b>The Energy Sector, Climate Change and Renewables</b></p> <ul style="list-style-type: none"> <li>▪ Dr Megan Woods, Labour Energy and Climate Change spokesperson</li> </ul>
<p><b>Lunch break</b></p>	

<b>Session 3</b> <b>Technical and Operational</b> <b>1.30 – 3.20</b>	<b>Global Wind Trends and GE Technology Update</b> <ul style="list-style-type: none"> <li>▪ Chris Holsonback, GE</li> </ul>
	<b>Optimising turbine performance using smart data and tools</b> <ul style="list-style-type: none"> <li>▪ Mariel Garrido, Vestas</li> </ul>
	<b>Roller Coaster Ride – Balance of Plant Contracting</b> <ul style="list-style-type: none"> <li>▪ Kingsley Slipper, RCR Infrastructure</li> </ul>
	<b>Technical features, innovations and future direction of Smart, scalable, structured wind turbines</b> <ul style="list-style-type: none"> <li>▪ Michael Dasey, Goldwind</li> </ul>
	<b>Lessons from asset integrity management at European and Chinese wind farms - take ways for New Zealand</b> <ul style="list-style-type: none"> <li>▪ Dr Guy Cotterill, Bureau Veritas</li> </ul>
<b>Afternoon tea break</b>	
<b>Session 4</b> <b>Optimising Value from Wind Energy</b> <b>3.40 – 5.15</b>	<b>Maximising wind energy revenue opportunities and what changes are required</b> <ul style="list-style-type: none"> <li>▪ Mike Roan, Meridian</li> </ul>
	<b>Is the RMA working and what can we do to better position renewable energy?</b> <ul style="list-style-type: none"> <li>▪ Andrew Beatson, Bell Gully</li> </ul>
	<b>Grid scale energy storage and application for wind energy</b> <ul style="list-style-type: none"> <li>▪ Mark Booth, Mitsubishi NZ</li> </ul>
	<b>Considerations in Wind Farm Repowering</b> <ul style="list-style-type: none"> <li>▪ Avi Kumar, DNV GL</li> </ul>
<b>5.15 on</b>	<b>Summary, drinks and dinner</b>

We would like to thank our sponsors for their support

