

Work Package 1 - Generation and Demand scenarios

Work Package Leader	Magnus Hindsberger
Inputs	New Zealand Energy Strategy, 2008 Statement of Opportunity Grid Planning Assumptions, Annual Planning Report assumptions, Stakeholder engagement
Outputs	3-5 planning scenarios (storylines) plus quantitative data for each (generation development, dispatches and demand)
Description	<p>This work package will engage with stakeholders to develop generation and demand scenarios appropriate for a 40 year planning horizon.</p> <p>The scenarios will consider local and global trends in policy, with the New Zealand Energy Statement as a starting point and adding:</p> <ul style="list-style-type: none">• issues around Climate Change negotiations and likely emission reduction goals long term;• future oil and LNG prices;• new technology trends; and• demand growth including the link with the transport sector (electric cars penetration) <p>This work package will also develop additional forecasts for the economic benefit assessment to test the sensitivity of the solutions against important parameters such as fuel prices, carbon prices and demand levels, where appropriate.</p>
Key Milestones	<p>Stakeholder consultation starts</p> <p>First draft of scenarios</p> <p>Final draft of scenarios</p> <p>Approved scenarios for use in other work packages</p> <p>Scenarios report completed</p>