



LSI Generation Update October 2008



Waipori Hydro – Existing

Mahinerangi Wind - Proposed

Kaiwera Downs Wind - Proposed



Waipori Hydro - Existing



| | |
|---------------|--|
| Location: | 40km West of Dunedin |
| Size: | 85MW, ~200GWh/pa |
| Transmission: | Local Network Transpower 110kV Network |
| General: | Relatively large lake Flexible operating regime |

Mahinerangi Wind - Proposed

Location: 50km West of Dunedin

Size: 200MW, 100 turbines, 800GWh/pa Max

Transmission: Local Network
Transpower 110kV Network

Consenting: Environment Court
Interim decision given
Possibility of another small hearing

Hurdles: 110kV Transmission Network (T10)
HVDC pricing methodology
Turbine supply
Exchange rate

Kaiwera Downs Wind - Proposed



| | |
|---------------|---|
| Location: | 15km South East of Gore |
| Size: | 240MW, 83 turbines, 904GWh/pa max |
| Transmission: | Transpower 220kV Network |
| Consenting: | Subject to Environment Court Appeal Hearing expected in 2009 |
| Hurdles: | HVDC pricing methodology Turbine supply Exchange rate |



Questions ?

Kaiwera Downs

● Sub Station Options

■ Trans Corridor

Kaiwera Downs

