

HAYWARDS Substation Community Newsletter

Keeping the energy flowing

TRANSPOWER



What's been happening

Since our first newsletter, we have been working through the key aspects of the project including environmental and consenting requirements, and tender evaluations for major contracts, including awarding the principal contract to Siemens.

Environmental/consenting

Following our submission of the Haywards outline plan to Hutt City Council in mid July, a number of amendments were subsequently provided to the Council.

Hutt City Council requested a number of changes to the outline plan with respect to heavy traffic movements, landscaping and operational noise.

Transpower accepted most of the requested changes and responded to Council on 21 October 2009.

A consent has also been obtained from Greater Wellington for discharges relating to the earthworks required for the site improvement works, including switchyard C.

Site improvement contract tendered

Tenders have been received for the site improvement works and these are currently being evaluated.

The contract is expected to be awarded in mid November with site establishment planned for December 2009 and construction works commencing in January 2010.

The work comprises seismic strengthening of existing switchyards and development of the new switchyard C.

This will prepare the site for the Pole 3 installation works.

The site improvement works also include removing Transpower's houses in Kaitawa St and installing fencing around the construction areas.

What's coming up?

November

- Contract for site improvement works awarded

December – January

- Submission of revised outline plan to reflect Siemens layout
- Site improvements - fencing installed to isolate site; site preparation works
- Site improvements - Transpower houses at Kaitawa St removed
- Site improvements – earthworks begin, including Switchyard C works
- Traffic management measures put in place

Pole 3 contract awarded

The principal contract for construction of Pole 3 buildings and equipment has been awarded to Siemens. Siemens has extensive global experience and specialist knowledge and technology in constructing HVDC systems.

The contract with Siemens is the largest that will be awarded during the Pole 3 project and its scope represents more than half of the works to be completed.

Under the contract, Siemens will construct the converter stations at each end of the link, expand the 220 kV switchyards at both Haywards and Benmore substations and build the new voltage support equipment at Haywards, which enables the most efficient use of the link.

Awarding the contract is a significant milestone for the project and will allow the next stage of project design to proceed, based on input from Siemens.

The layout proposed by Siemens differs slightly from that shown to residents and stakeholders, and for which approval was sought from the Hutt City Council.

It is expected that an amended outline plan will be required by Hutt City and that this will be lodged with Council in December.

A bird's eye view of the site layout is shown on the right.

Siemens will begin construction in April 2010.

Safety

An electrical fault at Haywards Substation on 22 September caused a small fire on site.

The fault was in a building at the northern margins of the substation and is not part of the Pole 1 equipment or Pole 3 project works area.

The fire was dealt with quickly and there were no injuries.

Safety is the first priority for Transpower.

Site Access and Traffic Management

Access to Haywards for ongoing maintenance and operational requirements will continue to be via the main northern entrance.

The majority of vehicle movements associated with the Pole 3 construction works will be to and from Kaitawa Street.

Transpower is working with the New Zealand Transport Authority to develop safety measures for State Highway 58, adjacent to the Haywards Substation site.

These include signage, turning bays and speed reduction proposals.

We will provide updates of these changes in December.



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Pole 3 timeline

KEY ACTIVITIES	2009			2010				2011				2012	
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Pole 3 Stage 1													
Consenting	June			Mar									
Pole 3 contract awarded		Oct											
Civil/building/construction works at Haywards				Jan						July			
Major equipment delivery and installation									May			March	
Pole 3 commissioned													April
Pole 1 Decommissioning													
Pole 1 switched off										Sept			
Pole 1 mercury arc valve removal										Sept			April
Pole 1 building demolition commences													April

For more information on the HVDC inter-island link Pole 3 project, please call 0800 33 88 66 or visit www.gridnewzealand.co.nz

