

Upper North Island Winter Security 07 and Summer 06/07 review

Minutes of Meeting Friday 23rd March 14:00-15:30 Phone Conference

Attendees:

Calvin Whaley	Northpower	Ray Basher	Transpower
John Spiller	Meridian	James Collinson-Smith	"
SiKuok Ting	Contact	Nalin Pahalawaththa	"
Boyd Brinsdon	Contact	Greg Spence	"
Duncal Ashwell	Mighty River Power	Andrew Twaddle	"
Abe Abdallah	Electricity Commission	Chris Roberts	"
Darryl Renner	"	John Clarke	"
Derek Todd	Counties	Brahan Sivarajan	"
Morris Hoskins	"	Colin Ash	Transfield
Darryl Renner	Electricity Commission		
Abe Abdallah	"		

Apologies

Kieran Devine, John Clarke, Graham Petrie

Minutes

1. Meeting Purpose. –Greg Spence

Purpose of the meeting:

- Review Summer 06/07
- Review Winter 06 and planning for Winter 07

2. Review Summer 06/07 – Brahan Sivarajan

- Security margins were comfortably maintained through the summer 06/07 period. There appeared to be no major constraints on Huntly due to river heating and Zone 1 peak load was approximately 50 MW below expected forecast.
- It was noted that power factor performance was down to 0.965 against an expected value of 0.97.

Action:

Review summer power factor performance trend for 2005, 2006, and 2007 – Brahan

3. Winter 06 review - Brahan Sivarajan

- Review of winter 06 peak loading identified unusually high peaks on 25th and 26th July which were ~80 MW higher than other peak loads. The next highest peak load was 2138MW which occurred on the 23rd July which was 94MW above the expected forecast, and 30MW above the prudent planning forecast.
- It was noted the large load growth observed in Winter 06 may have been influenced by a mild winter the previous year. It was also noted that further work could be done to consider the effects of load diversity across GXP's.

4. Winter 07 planning- Greg Spence

- Review of system changes and commissioning prior to Winter 07 identified
 - Huntly U5
 - Southdown E105
 - New capacitors being commissioned at Albany and Bombay.
 - Special protection scheme being commissioned for Bombay.
- Discussion on winter scenarios identified the need to define base assumptions for SWN E105 and HLY U5 availability during the winter period.

Actions:

Investigate high peaks 25th and 26th July for inclusion in load forecasting for winter 07.–
Braham

Convene Scenario & Monitoring working group to confirm load forecast and develop
winter scenarios. –Greg Spence.

Next meeting:

On completion of the SO workshop. Friday 20 April 2007. 14:00-15:30.
Novotel Ellerslie, Auckland