

Upper North Island Summer Security 06/07 (UNISS)**Minutes of Meeting
Wednesday 14th March 14:30-15:30
Phone Conference****Attendees:**

Stephen Batstone	Mighty River	Ray Basher	Transpower
Calvin Whaley	Northpower	James Collinson-Smith	"
John Spiller	Meridian	Nalin Pahalawaththa	"
Carmen Blackler	Contact	Greg Spence	"
SiKuok Ting	Contact	Andrew Twaddle	"
Boyd Brinsdon	Contact	Derrick Westenra	
Graeme Petrie	Vector	Brahan Sivarajan	
Ashley Wall	Genesis	Bryan Pope	
Peter Osbourne	Genesis	Colin Ash	Transfield
James Denham	Genesis		
Derek Todd	Counties		

Apologies

John Clarke, Kieran Devine,

Minutes**1. Meeting Purpose. –Greg Spence**

Purpose of the meeting:

1. Understand work being done on the OTA_WKM lines and the implications/dependencies.
2. Review and confirm planning assumptions for the OTA_WKM outages.
3. Understand implications of commissioning E3P concurrently with OTA_WKM outages.
4. Explain day ahead reserve scheduling process.
5. Questions / General Business

2. Work Overview. –Ray Basher / James Collinson-Smith

Work forms part of that required to increase thermal capacity of OTA_WKM ccts 1&2. Work being undertaken includes joint replacement, tower reconfiguration and conductor re-tensioning. There is a very high dependence on co-ordinating land owner access. Recall times vary from 2-23 hrs depending on the work being done at the time. Work is critical to securing increased transmission capacity into the UNI region.

3. Outage Planning Review. -Brahan Sivarajan.

Overview of planning assessment indicates UNI thermal and voltage limits can be comfortably maintained with generation plant availability as currently shown in POCP (up to 1900MW limit for a worst case load of 1690 MW). However this is highly dependant on OTC availability. For a scenario of OTC being unavailable system limits reduce to approx 1600 MW which would require demand management for a worst case peak load of 1690 MW. MRP advised a planned outage of SWN E102 had not been include in the generation assessment, however the unit has since been returned to service and SWN will be available for 120 MW for the OTA_WKM outage. Commissioning of SWN E105 continues to plan.

4. E3P commissioning and Reserves Scheduling –Derrick Westenra

E3P commissioning will continue through the OTA_WKM outage period. The implication of E3P commissioning is that there will be times where additional under-frequency reserve is required to be scheduled. This could result in SPD scheduling OTC down in

order to minimise system reserve requirements, which could create a security issue for the UNI region due to the OTA_WKM outage. During this time the SO will use the 13:00 day-ahead scheduling process to review the forthcoming days reserve requirement, reserve margins, and scheduled output of OTC and E3P.

In situations where UNI security may be at risk due to increased reserve requirements, and a reduction in OTC output, E3P commissioning tests will be rescheduled to avoid any risk periods.

Contact confirmed that they will endeavour to have OTC remain available as indicated in POCP. However given the potential for E3P commissioning to impact on OTC operation they can not be certain that it will be offered to the market at that time.

Action: Co-ordinate day ahead scheduling review and notify participants of outcome as necessary. –Derrick Westenra.

5. **General Business.–Greg Spence**

Question from Northpower confirmed that normal operational procedures will apply. In the event of a Grid Emergency being declared, any load management requirements would be dealt with by the demand allocation process.

Contact also commented that advance notification of E3P commissioning intentions would assist the industry in making the appropriate plant offers. Genesis confirmed that market notification would be provided via Comit.

MRP noted that POCP contains outages for BOB_OTA and HLY_OTA ccts during the OTA_WKM outages and that these were still to be marked as assessed.

Action: SO to review concurrent outages during the OTA_WKM outage period.- Greg Spence.

6. **Summary –Greg Spence.**

From an industry perspective successful commissioning of E3P and the upgrading of the OTA_WKM lines is crucial to securing mid to long term security supply into the UNI region. From a technical standpoint both activities can occur concurrently provided they are co-ordinated appropriately.

Due to the uncertainties with commissioning timelines, changes to weather conditions and system load, close industry co-ordination is required to ensure these activities proceed with minimum impact to consumers. Existing planning/scheduling/dispatch/realtime co-ordination processes are sufficient to co-ordinate these activities.

Action:

SO to reconvene UNI forum if additional information/co-ordination is required. –Greg Spence.

Industry participants to contact the SO if information or required response etc is unclear. - All