

## Upper South Island Security

### Minutes of Meeting

07 February 2007

1:30-3:00 pm

Dial: 083033 pin 464021

#### Attendees:

SiKuok Ting	Contact	Shaune Downs	Transpower
Evan Boyt	Trustpower	Andrew Twaddle	"
Dennis Jones	Orion	Chris Roberts	"
Stuart Kilduff	Orion	Greg Spence	"
Glenn Coates	Orion	Dave Boyle	"
Tas Scott	Orion	Ray Basher	"
John Spiller	Meridian	Brahan Sivarajan	"
Boyd Brinston	Contact	Brian Holland	Transfield
Andrew Stanton	Network tasman		
Brian Tapp	Marlborough Lines		
Richard Steer	Marlborough Lines		

#### Apologies:

Kieran Devine, John Clarke, Bob Simpson

#### Minutes

##### 1. Welcome. –Greg Spence

No previous minutes for review.

##### 2. ISL\_LIV outage overview. – Ray Basher

Duplexing work dates have been confirmed, work involves duplexing 2 \* 10 Km sections of line. Amount of duplexing work is limited by land owner issues. Remaining 50 Km section to be completed in summer 08.

##### 3. ISL\_LIV outage studies and Limits. – Brahan Sivarajan

Overview of system limits during the outage shows N-1 limits for a medium generation scenario can be maintained for the expected peak average load forecasts. For a peak expected load forecast, situation manageable with high generation scenario and ~10 MW of controllable load. It was noted there are scheduled outages of COB units during the ISL\_LIV outage, this is manageable. Load down on last year by ~50 to 100 MW with the gap closing towards end of January.

##### Action. SO to update medium and high generation scenarios - Brahan

SO to find out controllable load availability – Brahan

SO to review load forecast trend for operational briefing - Brahan

##### 4. Contingency Plans and Real-time Process – Andrew Twaddle

Plan does not change much from last year. There will be reliance on operational phone briefings and the day ahead assessment process to anticipate adverse weather or peak load situations. Live load data and limits will be available on the Transpower website. There will be an operational briefing to confirm system conditions and plant availability prior to outage.

**5. Winter 2007 Overview.** – Brahan Sivarajan

Winter load forecast and scenario limits presented. Load estimates to be confirmed with Mainpower and Westpower. It was noted there is a scheduled 100 day outage of a TKB unit which is to be considered in the scenario assessment Dave Boyle gave an overview of USI grid upgrade projects including Ashburton bus upgrade plan for winter 08. However no further upgrades planned before summer 08.

**Action.** Load estimated to be confirmed confirmed with Mainpower and Westpower – Brahan.  
SO to review TKB outages with Meridian and revise scenario limits. – Brahan.  
G.O. to investigate options to increase voltage stability limits for next ISL\_LIV outage in summer 08 – Dave Boyle

**Next meeting:**

Phone briefing to be scheduled for early April 07.