

## Upper South Island Security

### Minutes of Meeting 12<sup>th</sup> September 2007 Ph conf dial: 083033 pin 464021

#### Attendees:

James Collinson-Smith	Contact	Abe Abudallah	Electricity Commission
Dale McDrury	Mainpower	Kieran Devine	Transpower
Stuart Kilduff	Orion	Greg Spence	"
Glenn Coates	"	Andrew Twaddle	"
Colin Wright	"	Ray Basher	"
Stephen Godfrey	"	Alan Murray	"
Murray Hendrickson	Network Tasman	Philip Pidgeon	"
Greg Salmon	Meridian	Earl Nunn	Transfield

**Apologies:** John Clarke

#### Minutes

##### 1. Minutes of previous meeting – Greg Spence

Action 3 Review of Winter 2008 –to be followed up in subsequent briefing.

##### 2. ISL\_LIV outage requirements. -Greg Spence.

- Outage confirmed as 7 weeks continuous from 27 Oct to 14 Dec with likely circuit recall time being 4-5 days.
- Concurrent outage conflict with ISL\_KIK\_2 resolved with KIK work being brought forward to finish prior to the ISL\_LIV work commencing.
- TKA restriction of 12MW impacts on USI limits by approx 5MW has full reactive output remains available from TKA.
- It was noted that for the medium generation scenario TKB output would be from one unit only.
- Load forecast reviewed with up to approx 60MW of controllable load being available for a worst case peak of 1007 MW. Additional 10MW of dispatchable load to be followed up with Orion. Some distributor irrigation loads may be controllable in the event of a Grid Emergency.

**Action:** SO to revise medium generation scenario with TKB on one unit. –Philip  
Orion to co-ordinate details on additional load control availability. –Glenn  
SO to follow up on irrigation load controls with USI distributors. -Philip

##### 3. ISL\_LIV contingency plan. –Greg Spence/Andrew Twaddle

- Industry contingency plan complete.
- USI would be run to N security for a permanent circuit fault on one of the three remaining ISL\_TWZ ccts during the ISL\_LIV outage.
- Immediate recall of ISL\_LIV or restoration of faulted circuit would commence.
- In the extremely unlikely event of one of the remaining circuits coming under threat of a very high likelihood of tripping, the SO may move to N-1 security level using the Grid Emergencies and demand allocation process.

##### 4. Operational Communications. –Andrew Twaddle

- Operational phone briefings process will be used prior to outage commencing.

- During the outage day ahead scheduling and warning notice process will be used to identify periods of reduced security margin.
- Realtime load and system limits will be maintained on the SO website during the outage.

**Action:** SO to schedule operational briefing prior to outage commencing. –Andrew.

**Next meeting:**

Phone conference. Wednesday 10<sup>th</sup> October 2007. 2-3pm.

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