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**From:** Tom Wilson [tmw42@student.canterbury.ac.nz]  
**Sent:** Monday, 27 August 2007 9:55 a.m.  
**To:** TSO Review  
**Subject:** TSO Review Submission

To whom it may concern.

I would like to submit to the TSO review that:

- 1) Any future upgrades to the telecommunications network in New Zealand be able to function during a prolonged power outage, such as following a severe snow storm, earthquake, volcanic eruption or other natural disaster or emergency. Effective response and recovery following a natural disaster is heavily reliant on a functioning telecommunications network, so it is critical that as a developed nation we increase the resilience of our lifeline infrastructure to operate during and following disasters.
- 2) All telecommunication exchanges have sufficient reserve battery power capacity to allow them to function for 7 to 10 days during a power outage (must be able to cater for the increased calling load likely to occur during such a time)
- 3) All exchanges that could be potentially inaccessible to service contractors during a disaster be provided with a facility that allows a responsible local member of the community to connect a generator to the exchange and recharge the batteries so that communications are not needlessly lost during and following a crisis event.
- 3) It is mandatory for every house-hold and business in New Zealand to have a working telephone that does not require mains power to operate, so that during power outages communications are not lost to that house-hold or business.

Thank you very much for the opportunity to make this submission.

Regards

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