Tower 130 Investigation Report: Updates on progress against recommended actions – November 2025

Transpower is providing monthly updates on its progress against the recommendations from investigations into the Glorit tower fall.

The 'status' column has been populated as per Transpower's assessment noting that the EA recommendations require sign off from the EA to be formally closed out. All actions have been fully completed.

✓	Complete	◕	Pending EA sign off[1]	◑	In progress	○	To be started

Last updated 5 December 2025.

Actions from Transpower's independent investigation			
Recommendation number	**Tasks**	**Status**	**Notes**
13.1(a)(b) Review and revise drawings and specifications for baseplate refurbishment, and reissue these.	Describe a methodology about how nut removal and replacement is to be done.	✓	
	Add more detailed recommendations about when to seek engineering advice.	✓	
	Add information about identifying and responding to risks once work has begun.	✓	
13.1(c) Service providers to produce a new work method or procedure for baseplate refurbishment work for Transpower's review and endorsement.	Each service provider to produce a new work method or procedure.	✓	
	Transpower to review the new work method or procedure and assure itself the revisions are reflected.	✓	
	Transpower to review the revisions with each service provider for approach to deem competent to undertake new procedure.	✓	
13.1(d) Deliver refresher workshops for service providers.	Hold refresher workshops for service provider experts in this work to introduce the changes to drawings and specifications.	✓	
	Consider changes to Foundations training course to include baseplate work.	✓	
	Consider a requirement for refresher training for all workers undertaking baseplate refurbishment.	✓	
	Consider how Good Industry Practice and supervision practices can be assured for baseplate maintenance.	✓	
13.2(a) Review and update Foundations training course materials to include baseplate refurbishment.		✓	
13.2(b) Require service providers have all people assigned to work on	Provide communication regarding the requirement following the revision of the Foundations curriculum.	✓	

[1] Applies only to recommendations from the Electricity Authority's report (R1 to R26).

baseplate refurbishments sites as team leader and/or supervisor undertake revised Grid Skills Foundations course.	Undertake an assurance assessment that all SP's supervisors undertaking Baseplate supervision are marked as having been completed and deemed competent by their respective organisation.	✓	
13.2(c) Encourage service providers to have all other people working on baseplate refurbishment take the revised course for foundation baseplate refurbishment.		✓	
13.2(d) Increase scope of audits to verify competency certificates accurately reflect the work that is undertaken.		✓	
13.2(e) Ensure service providers know about availability of Grid Skills courses (regularly make this known).		✓	
13.3 Consider revising quality assurance forms to incorporate checkpoints about work methods.		✓	
13.4 Internal review	Consider best method of teaching the Foundations course.	✓	
	Consider how field audits can be changed to better identify inappropriate work practices, including whether a specific form should be used when auditing tower foundation maintenance.	✓	
	Ensure changes to Transpower's technical documents (like drawings) flow into the audit forms used in the field and into service provider work procedures and method documents.	✓	
13.5 Emergency structures contract	Consider changing which party engages engineering support for designing towers in an emergency, to ensure the potential for delay can be avoided.	✓	
13.6 Reporting progress	Agree a timetable and reporting method for acting on the recommendations.	✓	

Recommendations from the Electricity Authority			
R1. Improving regional resilience	Transpower and regional distributors should engage with a wide range of stakeholders, including generation developers, mana whenua, regional community groups and regional business groups, to develop regional electricity development plans for all regions in New Zealand that are vulnerable to high impact electricity supply events and develop controls that enable greater resilience through coordination of multiple resources employing both old and new technologies.	✓	
R2. Improving regional resilience	Review and update System Operator internal operating procedure to stand up use of coordination forums where it is practical to do so during significant events.	✓	
	Communicate our use of coordination forums to industry participants.	✓	

R3. Improving regional resilience	With the grid owner, review the contingency planning principles to specifically provide for relaxing normal 'healthy grid' security levels during systems emergency conditions, to maximise supply allocations to consumers, and clarify delegated authorities to make decisions about relaxing normal security levels in grid emergency conditions.	✓	
	For the 110 kV Northland Contingency Plan: with the grid owner assess any applicable safety concerns and protection settings where required and update the plan.	✓	
	Assess the 13 regional contingency plans to determine where relaxed security standards can be provided for, prioritise work needed to adopt reduced security standards were agreed as per updated principles.	✓	
R4. Improving regional resilience	Work underway to understand concerns. If they cannot be resolved, then the Northland Contingency Plan will be updated to reflect this.	✓	
R9. Improving processes for maintenance work for baseplate refurbishment	Transpower should revise its technical specifications for baseplate refurbishment to include a process for removal of hold down nuts and otherwise ensure they adequately identify all other risks and appropriate controls for baseplate refurbishment.	✓	
R10. Improving processes for maintenance work for baseplate refurbishment	To address the existing inconsistencies in service provider work procedures, Transpower should require its service providers to review and revise their work procedures for baseplate refurbishment to ensure they align with any revisions to Transpower's technical specifications made under R9.	✓	
R11. Improving processes for maintenance work for baseplate refurbishment	Transpower should undertake a wider review of its technical specifications for work performed on the grid, using a risk-based framework to determine high priority areas for review and, if necessary, revision, to ensure its technical specifications are fit for purpose.	✓	
R12. Improving processes for maintenance work for baseplate refurbishment	Grid Skills training for Foundation work must be revised and updated to address the existing gaps in relation to the risks of, and process for, removal of hold down nuts from tower foundation baseplates, and ensure all other relevant risks and critical elements for baseplate refurbishment work are covered.	✓	
R13. Improving processes for maintenance work for baseplate refurbishment	Transpower should undertake a wider review of its Grid Skills training curriculum using a risk-based framework to determine high priority areas for review and, if necessary, revision, to ensure	✓	

	Grid Skills training addresses all critical risks, and procedures to mitigate such risks.		
	Define the programme of review (prioritised based on risk). Progressively implement the prioritised developments as a BAU activity	✓	
R14. Improving processes for maintenance work for baseplate refurbishment	Change TP SS 6.25 to require service provider staff to undertake a "Lines & Structures Fundamentals" course prior to commencing foundations work (this included base plate work). Change TP SS 6.25 to require "Foundations" refresher training at regular intervals.	✓	
	Develop a "Lines & Structures Fundamentals" training course (online) for new employees to induct to the Transmission asset suite. Implement L&SF training course. Implement Foundations refresher training.	✓	
R15. Improving processes for maintenance work for baseplate refurbishment	Transpower should undertake a wider review of its minimum training and competency requirements to determine whether any other training courses should be mandated, and refresher training required, in relation to any work it assesses as high priority or high risk, before a person can undertake such work unsupervised or supervise others in such work.	✓	
R19. Improving grid maintenance contracting arrangements and assurance processes	Transpower should review its assurance processes in relation to service provider work procedures and consider how it can more effectively promote best practice consistently across service providers.	✓	
R20. Improving grid maintenance contracting arrangements and assurance processes	Transpower should consider requiring its service providers to submit 'during' photographs at the completion of each job alongside 'before' and 'after' photographs, at least in relation to work that carries a high risk if Transpower's technical specifications are not followed during the work.	✓	
R21. Improving grid maintenance contracting arrangements and assurance processes	Transpower should create a specific plan for field audits of tower foundation maintenance work and undertake a wider review of its plans for field audits of all maintenance work to determine high priority areas for review and create specific plans for field audits of maintenance work which has the potential to result in a high risk of harm.	✓	

R22. Improving grid maintenance contracting arrangements and assurance processes	Transpower should review its requirements for competency certificates to ensure that competency certificates provide sufficient detail of a person's scope of competency so as to be an effective assurance control.	✓	
R23. Improving grid maintenance contracting arrangements and assurance processes	Transpower should review its policies on escalation of service provider non-compliance events, and regular reporting on the results of its quality assurance processes in relation to each service provider, to ensure the Transpower Board and senior management can exercise effective governance and oversight.	✓	
R24. Improving grid maintenance contracting arrangements and assurance processes	Transpower should review its KPIs in its service provider contracts and how they are measured to ensure they include a focus on compliance with Transpower's quality requirements when the work is carried out.	✓	
R25. Implementation of recommendations	The Authority expects Transpower to provide the Authority with a plan of action to implement each of the relevant recommendations in this report and the relevant recommendations made in the Transpower-commissioned investigation report and system operator report relating to the event. This action plan is expected within one month of the publication of this report.	✓	
R26. Implementation of recommendations	The Authority expects Transpower to provide six-monthly progress reports to the Authority until the actions to implement the relevant recommendations in this report are complete. The progress reports should also include actions taken by Transpower's service providers in response to the event and the relevant recommendations outlined in the various reports.	✓	

Recommendations from the report commissioned by the System Operator			
RH 1	System operator should update emergency management processes to trigger the setup of regional operating forums as soon as practical during regional events to ensure common understanding and coordinate actions. These are to include system operator and grid owner operation managers, security coordinator, EDB control rooms, and NGOC.	✓	
RH 2	Head of Grid and System Operations should schedule opportunities to strengthen peer-to-peer relationships at	✓	

	Operations Manager level between Transpower (NCC/NGOC) and EDBs to enhance future event responses.		
RH 3	System operator should work with the grid owner to review emergency response processes and IMT reporting line(s) when moving to N security. This should include triggers for checking contingency plans, whether protection needs to be reviewed and any industry communications of the impact.	✓	
RH 4	System operator should work with the grid owner to update the Northland 110 kV contingency plan to include N security option.	✓	
RH 5	As part of the contingency review process, the system operator should consider other areas where N security may be considered. These plans should be updated ensuring protection is coordinated.	✓	
RH 6	System operator should discuss phase angle differences with Ngāwhā Generation and update the restoration part of the contingency plan as required	✓	
RH 7	Northland EDBs and system operator should discuss any improvement opportunities for managing similar future events, including visibility of key loading points.	✓	

Recommendations from the report by Omexom			
Engagement	Increase number of site leadership observations to 2 per week.	✓	
Engagement	Rollout Back to basics campaign.	✓	
Culture	Implement One Omexom Workshops across TSP.	✓	
Supervision	Gap analysis of Team Leader and Supervisor training.	✓	
Supervision	Schedule training for Supervisors and Team Leaders.	✓	
Supervision	Make decision on suitability of team leader role description.	✓	
Procedure	Prepare new baseplate procedure ensure procedure includes critical risks.	✓	
Engineering	Clarify with Transpower which work tasks require engineering assessment.	✓	
Assurance	Review and implement Omexom audit template to ensure it covers “during work” activities - competency, supervision, procedures.	✓	
Assurance	Update audit schedule to ensure key workstreams have in progress audits.	✓	

Competency	Carry out a full competency review across all activities carried out by Omexom on Transpower's network.	✓	
Competency	Schedule training to address Competency gaps.	✓	
Scheduling	Review the job handover scheduling process to record competency, procedure, supervision and audit requirements.	✓	
Scheduling	Implement and embed the job handover process.	✓	
Training	Require all crew working on baseplate refurbishments to undertake updated Grid Skills foundations training.	✓	
Health, Safety and Wellbeing	Review risk awareness training and schedule training.	✓	
Health, Safety and Wellbeing	Review & improve Tailgate Briefings, schedule training.	✓	
Risk Management	Ensure that critical risks/controls are identified and effectively flow through to job planning.	✓	
Procedure	Review all procedures, ensure procedure includes critical risks & are consistent across regions.	✓	
Scheduling	Review job packs to ensure appropriate for task.	✓	
Competency	Review and reimplement Power System technician competency process.	✓	
Competency	Undertake all technician competency assessments	✓	
Training	Re-establish Grill Skills newsletter notifications and distribution within Omexom.	✓	
Equipment	Raise at refresher workshop (Baseplate Workshop) the equipment requirement and design for a suitable sandblaster frame for nuts and washers.	✓	