

ACTION LIST

The following are the current SRC actions for completion.

Action	Date for completion	Status
The secretariat to add the New Zealand Generation Balance (NZGB) link to the updates section for each meeting	Ongoing	Completed. This is included below and for future meetings
The secretariat to invite the Climate Commissioner's office to an SRC meeting in 2022.	Aug-22	Completed. Representatives from the Climate Change Commission are presenting at the August meeting, as part of the theme of climate change
The secretariat to add simultaneous replacement of assets to the risk register, for discussion at the August meeting	Aug-22	Completed. See new M10 in the register of top security and reliability risks
The secretariat to work with the Chair to propose member-survey questions	Aug	Completed. Member survey circulated for member responses by 21 July.
The secretariat and Chair to produce an agenda and consider topics for the SRC/EA Board discussion in August. Members to offer thoughts to the secretariat by early July	Aug	Completed. Paper in pack (item #13) with corresponding Board paper going to the 9 August Board meeting. Members to attend last Board item before informal gathering.
The secretariat to complete and stocktake of what reporting is done by the grid owner when transmission to a GXP is reduced to n-security	Oct-22	In progress. The proposed theme for the SRC's October meeting is Transmission, and the grid owner will be asked to cover this in their presentation.
The secretariat to provide regular updates to the SRC regarding the status of the Hazards from Trees Regulations	Ongoing	In progress. No update available from MBIE since last meeting. The secretariat can approach MBIE again and the ENA will give an update at a future meeting on a broader topic of industry associations.

1. Updates

This section provides information on matters that do not warrant a dedicated agenda item, such as articles relevant to the meeting's theme, updates on recent matters relevant to security and reliability that have previously been discussed by the SRC or published by the Authority.

For some of the articles, the secretariat has noted some key points members may wish to focus on.

1.1 System operator security of supply updates

- 1.1.1 Please use this link to access the latest weekly update report from the system operator: [Recent SOS Updates | Transpower](#)
- 1.1.2 If members have concerns, or require further information, about the system operator security of supply updates, they can raise these with the secretariat.

1.2 New Zealand Generation Balance - NZGB

- 1.2.1 To review the latest NZGB, please use the following link:
<https://nzgb.redspider.co.nz/>
- 1.2.2 At members' request, the secretariat is no longer preparing a paper on this topic, but will provide a link to the latest review in this section in the papers for each SRC meeting. The information presented here is to provide members with the latest published version.
- 1.2.3 If members have questions or need further information, they are welcome to raise this with the secretariat. If members have security and reliability concerns these would be good to raise during item #7 (the register of security and reliability risks).

1.3 Measures of system reliability

- 1.3.1 The SRC has previously requested its secretariat prepare a report annually, comprising various reliability measures and associated commentary. The intent was to provide a dashboard of the available security and reliability data that members can access.
- 1.3.2 The secretariat and Chair discussed how to adapt relevant information to better inform the SRC on issues of system reliability and provide access to the metrics through links in this update paper. Any areas noted by SRC members can then be raised at the upcoming meeting, allowing additional feedback on the approach.
- 1.3.3 Members can view the 2021 *Measures of Reliability* SRC paper [here](#). If there is information in the previous paper the SRC would like to see annually, please pass this on to the secretariat for future inclusion.
- 1.3.4 As noted in last year's paper, there are limitations to the monitoring regime. The available metrics are not able to signal possible future problems, which impacts the value the SRC can add through its review. Any problem areas identified would likely require additional analysis to determine root causes. The secretariat notes members' previous thoughts that a forward view would help.
- 1.3.5 Acknowledging these limitations, in lieu of a paper for 2022, the Authority's monitoring team has arranged for David Hunt (Concept Consulting) to present on the generation investment work he is undertaking with the Authority. David will present on the forward view, and how investment strategies support a reliable power system.
- 1.3.6 As noted in last year's paper, a range of reliability metrics are reported by the system operator and the Commerce Commission: The latest version of the *quarterly system operator and system performance report* (April to June 2022) is available [here](#).

- 1.3.7 The latest version of the Commerce Commission's report on Trends in Local Lines Company Performance is available [here](#). Members may find useful background information in the introductory pages, the introduction in chapter 1, and the key findings in chapter 2.
- 1.3.8 These reports are not offered as required reading. However, if members have concerns about any aspect of the reports, they are welcome to raise these through the secretariat.

1.4 Weather impacting Distribution Networks

- 1.4.1 Examples of climate change impacting local and national weather patterns can be seen in the media. The following are some recent examples:
- 1.4.2 [Stokes Valley residents fear further slips as more rain forecast | RNZ News](#)
- 1.4.3 [Weather: Heavy rain brings surface flooding in Christchurch, strong winds and snow forecast | Stuff.co.nz](#)
- 1.4.4 [Homes evacuated in Waitaki while power restored to Canterbury and Otago overnight, severe weather set to continue | Stuff.co.nz](#)
- 1.4.5 [Wild weather: Canterbury rivers rising as heavy rain, strong wind batters South Island | RNZ News](#)

1.5 Electricity sector's supply chain pain growing

- 1.5.1 The impact of Covid 19 on supply chains continues:
- 1.5.2 [Electricity sector's supply chain pain growing | Energy News](#)

1.6 National EV Charging strategy

- 1.6.1 The Ministry of Transport and EECA are jointly administering a proposed national charging strategy. The government has not indicated a timeframe.
- 1.6.2 [Minister told national EV charging strategy needed urgently | EVs & Beyond \(evsandbeyond.co.nz\)](#)
- 1.6.3 [The industry continues to roll out chargers through commercial partnerships](#)
- 1.6.4 [Mercury, Hikotron target 500 smart chargers by 2026 | Energy News](#)

1.7 Cybersecurity – the need for routine vulnerability assessments

- 1.7.1 Taking guidance from recent cybersecurity events, Alastair Miller, principal advisory consultant at Aura InfoSec, gives his thoughts on the biggest risk to the sector and the need to schedule routine vulnerability assessments every 3-6 months:
[COLUMN: the energy sector's big cybersecurity risk | Energy News](#)

1.8 NZ Battery Project - update

- 1.8.1 [Cabinet refines NZ Battery scope | Energy News](#)

1.9 Gas reserves updates

- 1.9.1 [Pohokura production jumps to 8-month high | Energy News](#)
- 1.9.2 [Pohokura, Kapuni weigh on gas reserves | Energy News](#)
- 1.9.3 [Gas production outlook improves out to 2026 | Energy News](#)

Questions for the SRC to consider

The SRC may wish to consider the following questions.

- Q1. What further information, if any, does the SRC wish to have provided to it by the secretariat in the updates section?**
- Q2. Does the SRC have a preference for how information in this paper is presented?**
- Q3. What advice, if any, does the SRC wish to provide to the Authority?**