

# System Control Schedule of Audit and Inspection

2025/2026

Issue Date: 01/07/2025

# Background

This Schedule of Audit and Inspection is issued in accordance with Clause 6.22.1(e) of the System Control Technical Code (SCTC) and fixes the audit schedule for the 2025–26 financial year. It includes a forward schedule covering the subsequent four-year period, proposing further upcoming audits, developed with reference to Clause 6.22.1(c).

System Control may, where necessary, substitute a scheduled audit with an alternative proposed audit. Any such substitution will occur in consultation with the affected system participant. This will be done only in cases where fixed audits are not able to be completed due to system or resource constraints.

# Benefits

Audits and inspections provide ongoing value to all system participants. The audits listed in this schedule aim to deliver the following benefits:

- Identify if documented processes and procedures are being adhered to, indicate if the sequence of processes are correct and effective, and aid system participants to gauge the effectiveness of the procedure in place.
- Assist with continuous improvement, improve awareness and understanding of the process requirements.
- Enable government policy by ensuring technical requirements and specifications are maintained.
- Assist in identifying and managing risks.

# 2025/26 Schedule

In the 2025/26 Financial year, System Control will be focusing on four key areas:

## Local station black and system restart procedures

Local Black Start System Procedures are a critical component of the power system's ability to restart and recover following major system disturbances. It is essential that these procedures are both contemporary and effective. Equally important is ensuring that employees responsible for executing them are well informed and understand their roles and responsibilities.

In 2025/26, audits will be conducted to verify adherence to Black Start Procedures and assess generator compliance with SCTC Clause 5.7.2. This year, the primary focus for black start witness testing will be the Tennant Creek Power Station (TCPS). Where operationally appropriate, this audit will include a live black start test using the station's black start generator to energise plant and confirm functionality. System Control will also continue work on the outstanding audits for Owen Springs and Channel Island Power Stations, which had not concluded due to resourcing constraints.

In parallel, audits will assess compliance with SCTC Clause 5.7.3 regarding system restart procedures. The primary focus will be on the Alice Springs Power System Restart Procedure, as previously scheduled. Where

appropriate, the Tennant Creek power system restart procedure may also be reviewed in alignment with the local black start audit.

## Model data and information governance

Power system modelling plays a significant role in system design, planning, and operations, supporting a range of critical decisions and informing policy. To maintain the reliability of these decisions, a robust governance framework is essential to preserve model data integrity, particularly during updates or changes. For this reason, System Control will be conducting two activities for this area in 2025-26.

- A validation of DIA.NE settings within the Alice Springs power system, focused on confirming that the settings applied in the field are consistent with those defined in models and other documentation provided.
- An inspection of Automatic Generation Control (AGC) model data following the rollout of a new version of the Energy Management System (EMS).

## Incident reporting

In 2025–26, System Control will assess incident reporting practices, with a primary focus on Territory Generation, as identified in the previous year’s schedule. The audit will review adherence to obligations under the SCTC and associated guidelines.

EDL Energy has been added to the schedule for FY2026–27 to allow time for the business to integrate its recently submitted incident reporting procedures into its operational practices.

## Miscellaneous audits

An emerging area of interest for System Control is the communication and coordination between key gas stakeholders. Timely and accurate exchange of information between parties such as Power and Water’s Gas Services team, Territory Generation, and other relevant stakeholders is critical to system reliability.

As such, a targeted review will be undertaken to assess the adequacy of current processes and identify opportunities for improvement.

# Schedule of audit and inspection

Audits marked by \* are conditional on certain triggers or decisions being made.

Period		Local Station Black Procedures	System Restart Procedures	Model Data and Information Governance	Incident Reporting Procedures	Plant Outage Procedures	Operating Protocols	Ongoing Compliance Monitoring	Misc. Audit
Fixed	FY 25/26	<ul style="list-style-type: none"> <li>Tennant Creek Power Station</li> <li>Channel Island Power Station</li> <li>Owen Springs Power Station</li> </ul>	<ul style="list-style-type: none"> <li>Alice Springs Power System</li> <li>Tennant Creek Power System</li> </ul>	<ul style="list-style-type: none"> <li>Alice Springs Power System DIA.NE Model Data Validation*</li> <li>AGC Model Data Inspection*</li> </ul>	<ul style="list-style-type: none"> <li>Territory Generation*</li> </ul>		<ul style="list-style-type: none"> <li>Alice Springs – Territory Generation</li> </ul>		<ul style="list-style-type: none"> <li>Gas Communications Processes - APA, Power and Water (Gas Services) and TGEN*</li> </ul>
		<ul style="list-style-type: none"> <li>Weddell Power Station</li> <li>Katherine Power Station</li> </ul>	<ul style="list-style-type: none"> <li>Darwin Power System</li> <li>Katherine Power System</li> </ul>	<ul style="list-style-type: none"> <li>Network Assets</li> <li>Pine Creek Power Station Generator Model Data Validation*</li> </ul>	<ul style="list-style-type: none"> <li>EDL Energy</li> <li>Power System Controller</li> </ul>	<ul style="list-style-type: none"> <li>EDL Energy</li> </ul>	<ul style="list-style-type: none"> <li>EDL Energy</li> </ul>	<ul style="list-style-type: none"> <li>Weddell Power Station</li> </ul>	

Period		Local Station Black Procedures	System Restart Procedures	Model Data and Information Governance	Incident Reporting Procedures	Plant Outage Procedures	Operating Protocols	Ongoing Compliance Monitoring	Misc. Audit
	FY 27/28	<ul style="list-style-type: none"> <li>Owen Springs Power System</li> </ul>	<ul style="list-style-type: none"> <li>Alice Springs Power System</li> </ul>	<ul style="list-style-type: none"> <li>Weddell Power Station Generator Model Data Validation</li> <li>Territory Generation Assets</li> </ul>	<ul style="list-style-type: none"> <li>Territory Generation</li> </ul>	<ul style="list-style-type: none"> <li>Eni*</li> </ul>	<ul style="list-style-type: none"> <li>Eni*</li> </ul>	<ul style="list-style-type: none"> <li>Channel Island Power Station</li> <li>Eni Solar Farms</li> </ul>	<ul style="list-style-type: none"> <li>UFLS Schedule</li> </ul>
	FY 28/29	<ul style="list-style-type: none"> <li>Tennant Creek Power Station</li> <li>Channel Island Power Station</li> </ul>	<ul style="list-style-type: none"> <li>Tennant Creek Power System</li> </ul>	<ul style="list-style-type: none"> <li>Network Assets</li> </ul>	<ul style="list-style-type: none"> <li>Eni</li> </ul>	<ul style="list-style-type: none"> <li>TGEN</li> </ul>	<ul style="list-style-type: none"> <li>Territory Generation</li> </ul>	<ul style="list-style-type: none"> <li>Owen Springs Power Station</li> <li>Pine Creek Power Station*</li> </ul>	
	FY 29/30	<ul style="list-style-type: none"> <li>Weddell Power Station</li> <li>Katherine Power Station</li> </ul>	<ul style="list-style-type: none"> <li>Darwin Power System</li> <li>Katherine Power System</li> </ul>		<ul style="list-style-type: none"> <li>All Proponents</li> </ul>	<ul style="list-style-type: none"> <li>Power System Controller</li> </ul>	<ul style="list-style-type: none"> <li>Robertson Barracks Solar Farm</li> </ul>	<ul style="list-style-type: none"> <li>NTESMO Reforms*</li> </ul>	

## Contact

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