

Summary of Changes to NPCC Regional Reliability Reference Directory # 5 Reserve

Details of Standard(s) Development

Reliability Standards Authority: NPCC

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|-------------------------------|---|
| Directory | Directory # 5: Reserve |
| Purpose | To present the requirements with which the applicable entity must plan for and deploy adequate reserve. This Directory provides minimum requirements governing the amount, availability, distribution, and activation of reserve in addition to those specified in applicable NERC standards. |
| Change Type: | Revisions |
| Affected Functional Entities: | <ul style="list-style-type: none">• Reliability Coordinators (RCs)• Balancing Authorities (BAs)• Generator Operators (GOPs)• Distribution Providers (DPs) |
| Ballot Results: | Approved by NPCC voting members |
| Ontario Participant Support: | <ul style="list-style-type: none">• IESO voted Affirmative on approving the revisions |
| Impact Within Ontario | Not Assessed. |

Standard Development Milestones

| Date | Action |
|------------------|--|
| October 15, 2025 | <ul style="list-style-type: none">• Approved by NPCC Members |
| December 3, 2025 | <ul style="list-style-type: none">• IESO Posting Date |
| April 2, 2026 | <ul style="list-style-type: none">• End of OEB Review Period |

Summary

The Task Force on Coordination of Operation (TFCO) and the CO-1 Control Performance Working Group have completed a comprehensive review of Directory #5. This review considered the impact of evolving ERO Standards on the Criteria, emerging industry technologies, and recommendations from the Strategic Review of NPCC Criteria.

Key Updates from the Triennial Review:

- Alignment of the Criteria with applicable NERC standards (e.g., BAL-002, BAL-005, EOP-011, and INT-009)
- Proposed additions, removals, and revisions to the NPCC Glossary of Terms
- Consideration of RCC-approved Criteria Clarification Requests
- Review of the Simultaneous Activation of 10-Minute Reserve (SAR) program and related examples in Directory #5
- Enhanced and standardized formatting

Changes to Glossary Terms:

- Addition: Second Most Severe Single Contingency — a new term aligned with proposed changes to the Criteria and Appendices
- Revision: Reportable Events
- Retirement: First Contingency Loss and Second Contingency Loss

Cost Effectiveness:

In line with the Strategic Review of the NPCC Criteria, the TFCO solicited feedback from the Membership regarding the cost-effectiveness and contribution to system resilience of the individual criteria attributes in Directory #5. The results of this evaluation have been documented in the permanent review record.

The revised document may be found at:

<https://www.npcc.org/standards/regional-criteria>