

# Appendix 9C1C – Interchange Transaction Curtailments During TLR Level 3b

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Version 1

## Appendix Subsections

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### A. Basic Principles

### B. Considerations for Interchange Transactions using Firm Point-to-Point Transmission Service

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## Introduction

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This Appendix provides the details for implementing TLR Level 3b, which curtails INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service to assist the RELIABILITY COORDINATOR to recover from OPERATING SECURITY LIMIT violations.

TLR Level 3b curtails INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service that are at or above the CURTAILMENT THRESHOLD. (See **Appendix 9C1, “TLR Procedure – Eastern Interconnection,” Section B.4, “TLR Level 3b.”**) Furthermore, *all* new INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service that are at or above the CURTAILMENT THRESHOLD during the TLR 3b implementation period are halted or held. TRANSACTIONS using Firm Point-to-Point Transmission Service will be allowed to start if they are submitted to the IDC within specific time limits as explained in Section C, “Considerations for Interchange Transactions using Firm Point-to-Point Transmission Service.” Those Interchange Transactions using Firm Point-to-Point Transmission Service that are not submitted to the IDC within these time limits will be held.

## A. Basic Principles

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1. TLR 3b may be called at any time to help the RELIABILITY COORDINATOR mitigate an OPERATING SECURITY LIMIT violation.
2. Only those INTERCHANGE TRANSACTIONS at or above the CURTAILMENT THRESHOLD will be considered for curtailment, holding, or halting.
3. Existing INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service will be curtailed as necessary to provide the required relief on the CONSTRAINED FACILITY.
4. If INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service are scheduled to start during the current hour or the following hour, additional INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service will be curtailed to provide room for those INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service.
5. Existing INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service that are not curtailed will not be allowed to increase (they may flow at the same or reduced level).
6. There is no Reallocation of INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service during a TLR 3b.
7. INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service will be allowed to start as explained in Section C, “Considerations for Interchange Transactions using Firm Point-to-Point Transmission Service.”

## Appendix 9C1C – Curtailments During TLR 3b

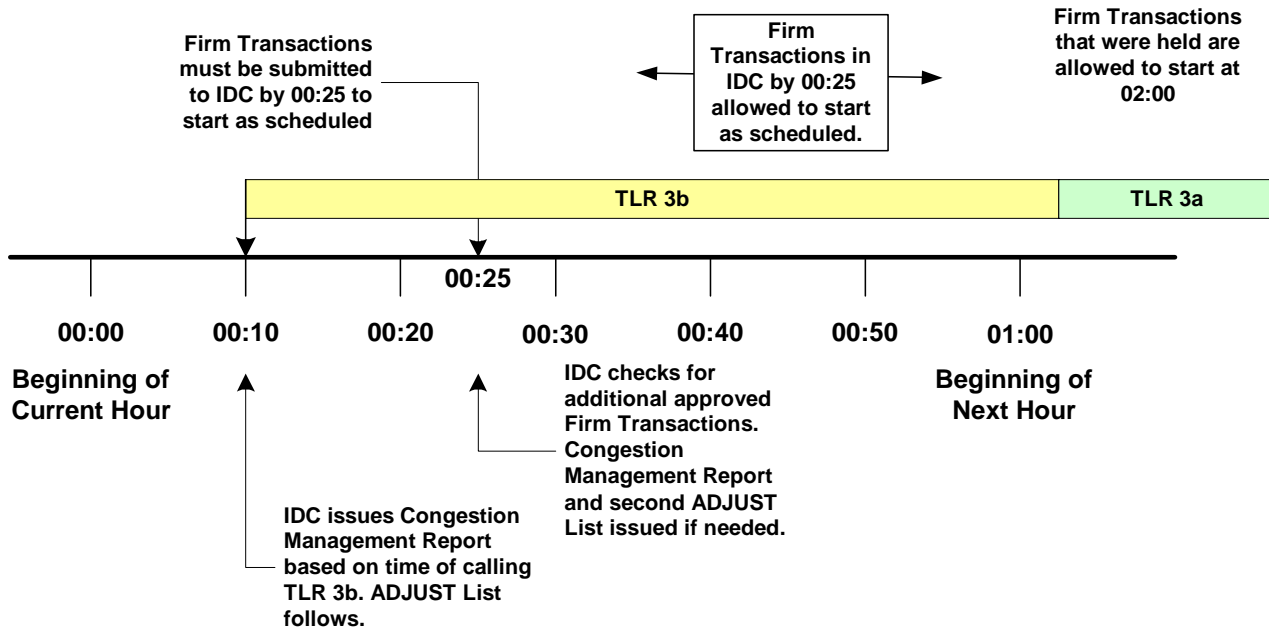
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8. If, after all Interchange Transactions using Non-firm Point-to-Point Transmission Service have been curtailed and there is insufficient room for Interchange Transactions using Firm Point-to-Point Transmission Service to start as scheduled, the RELIABILITY COORDINATOR will progress to TLR Level 5b as necessary.
9. The IDC will issue ADJUST Lists to the Generation and Load Control Areas and the PURCHASING-SELLING ENTITY who submitted the tag. The ADJUST List will include:
  - a. INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service that are to be curtailed, halted, or held during Current and Next hours.
  - b. INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service that were entered after 00:25 or issuance of TLR 3b (see Case 3 in Section C below).
10. The LOAD CONTROL AREA must send the ADJUST Tables back to the IDC as soon as possible to ensure the most accurate calculations for actions subsequent to the TLR 3b being called.
11. The RELIABILITY COORDINATOR may call a TLR Level 3a as soon as the OPERATING SECURITY LIMIT Violation has been mitigated.
  - a. If the TLR Level 3a is called before the hour 01, then a Reallocation will be computed for the start of that hour.
  - b. Transactions must be in the IDC by the Approved-tag Submission Deadline for Reallocation (see **Appendix 9C1B, “Interchange Transaction Reallocation During TLR Levels 3a and 5a,” Section B**).

## B. Considerations for Interchange Transactions using Firm Point-to-Point Transmission Service

The following cases explain the circumstances under which an Interchange Transaction using Firm Point-to-Point Transmission Service will be allowed to start as scheduled during a TLR 3b:

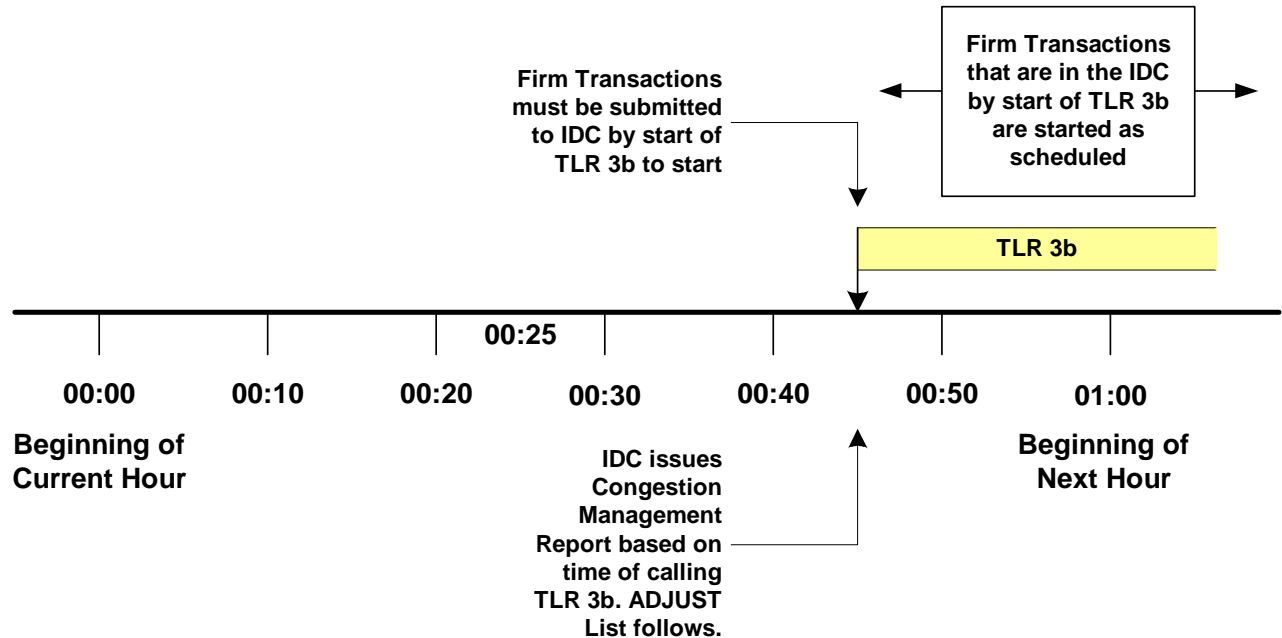
Case 1: TLR 3b is called between 00:00 and 00:25 and the Interchange Transaction using Firm Point-to-Point Transmission Service is submitted to IDC by 00:25.



1. The IDC will examine the current hour (00) and next hour (01) for all INTERCHANGE TRANSACTIONS.
2. The IDC will issue an ADJUST List based upon the time the TLR 3b is called. The ADJUST List will include curtailments of Interchange Transactions using Non-firm Point-to-Point Transmission Service as necessary to allow room for those Interchange Transactions using Firm Point-to-Point Transmission Service to start as scheduled.
3. At 00:25, the IDC will check for additional Interchange Transactions using Firm Point-to-Point Transmission Service that were submitted to the IDC by that time and issue a second ADJUST List if those additional Interchange Transactions are found.
4. All existing or new INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service that are increasing or expected to start during the current hour or next hour will be placed on HALT or HOLD. There is no Reallocation of lower-priority INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service.
5. INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service that were submitted to the IDC by 00:25 will be allowed to start as scheduled.
6. INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service that were submitted to the IDC after 00:25 will be held.

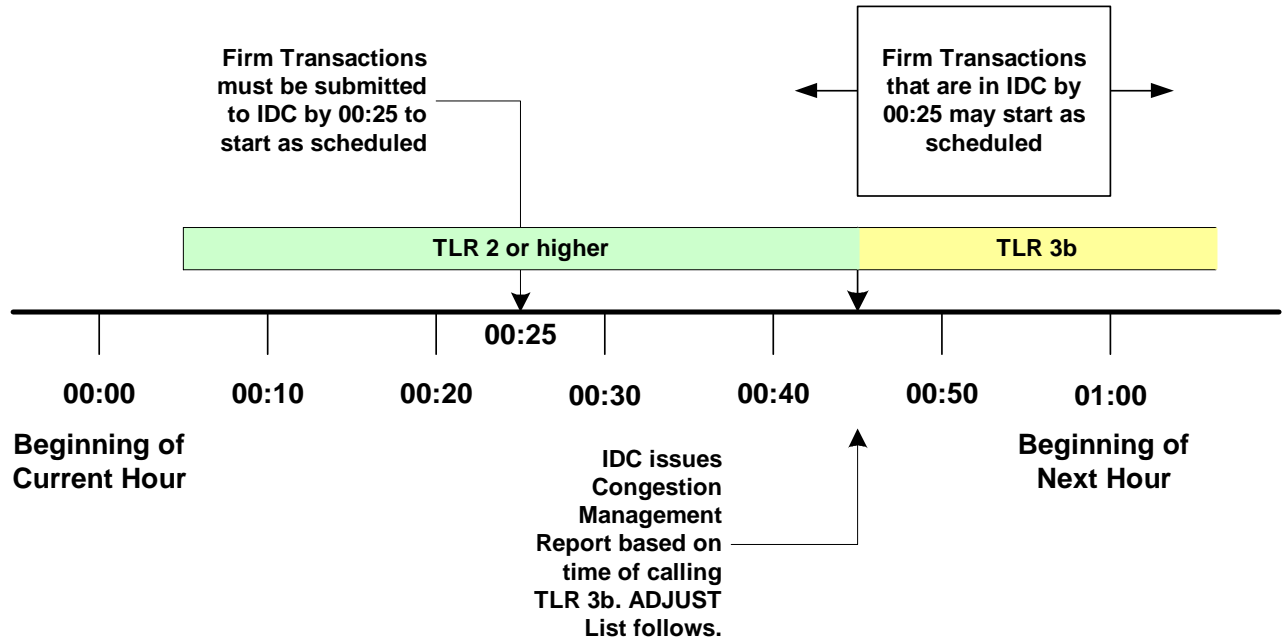
7. Once the OPERATING SECURITY LIMIT Violation is mitigated, the RELIABILITY COORDINATOR shall call a TLR Level 3a (or lower). If a TLR Level 3a is called:
  - a. INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service that were submitted to the IDC by 00:25 will be allowed to start as scheduled at 02:00.
  - b. INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service that were held may then be reallocated to start at 02:00.

Case 2: TLR 3b is called after 00:25 and the Interchange Transaction using Firm Point-to-Point Transmission Service is submitted to the IDC no later than the time at which the TLR 3b is called.



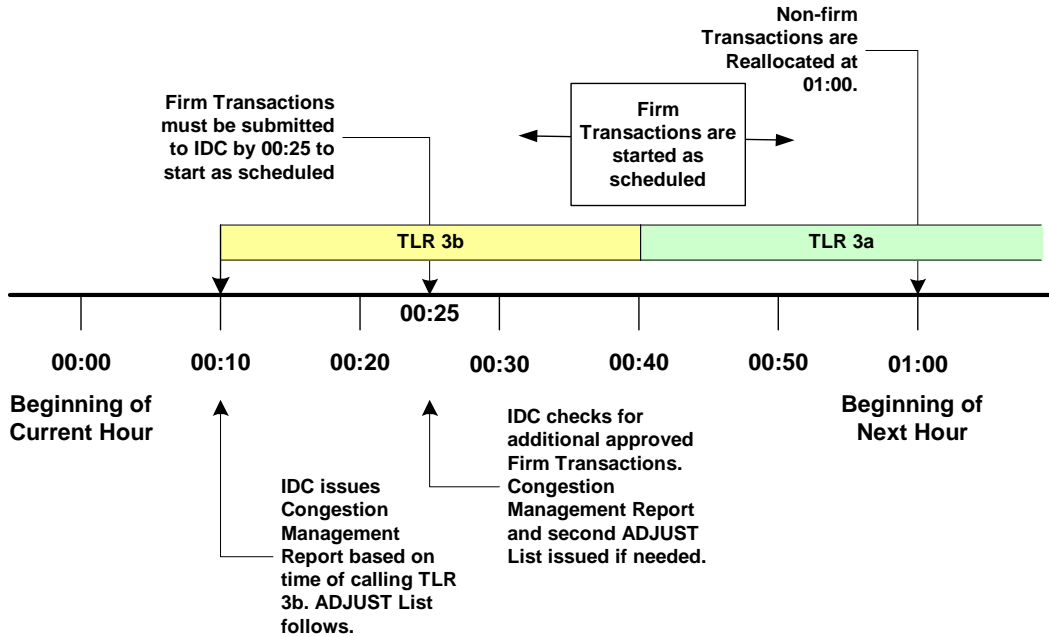
1. The IDC will examine the current hour (00) and next hour (01) for all INTERCHANGE TRANSACTIONS.
2. The IDC will issue an ADJUST List at the time the TLR 3b is called. The ADJUST List will include additional curtailments of Interchange Transactions using Non-firm Point-to-Point Transmission Service as necessary to allow room for those Interchange Transactions using Firm Point-to-Point Transmission Service to start at as scheduled.
3. All existing or new INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service that are increasing or expected to start during the current hour or next hour will be placed on HALT or HOLD. There is no Reallocation of lower-priority INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service.
4. INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service that were submitted to the IDC by the time the TLR 3b was called will be allowed to start at as scheduled.
5. Interchange Transaction using Firm Point-to-Point Transmission Service that were submitted to the IDC after the TLR 3b was called will be held until the next issuance for TLR (either TLR 3b, 3a, or lower level.)

Case 3. TLR 2 or higher is in effect, a TLR 3b is called after 00:25, and the Interchange Transaction using Firm Point-to-Point Transmission Service is submitted to the IDC by 00:25.



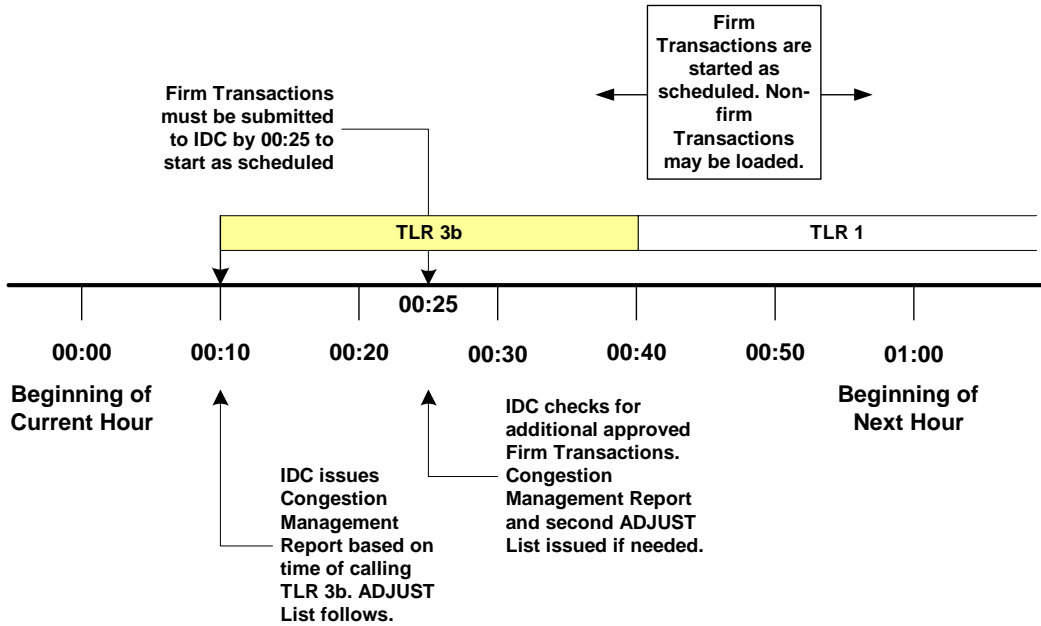
If TLR 2 or higher has been issued and 3B is subsequently issued, then only those INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service that had been submitted to the IDC by 00:25 will be allowed to start as scheduled. All other INTERCHANGE TRANSACTIONS are held.

Case 4. TLR 3b is called before 00:25 and the Interchange Transaction is submitted to the IDC by 00:25. TLR 3a is called at 00:40.



1. Same as Case 1, but TLR Level 3b ends at 00:40 and becomes TLR Level 3a.
2. All Interchange Transactions using Firm Point-to-Point Transmission Service will start as scheduled if in by the time the 3A is declared.
3. All INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service are reallocated at 01:00.

Case 5. TLR 3b is called before 00:25 and the Interchange Transaction is submitted to the IDC by 00:25. TLR 1 is called at 00:40.



1. Same as Case 1, but TLR Level 3b ends at 00:40 and becomes TLR Level 1.
2. All INTERCHANGE TRANSACTIONS using Firm Point-to-Point Transmission Service will start as scheduled.
3. All INTERCHANGE TRANSACTIONS using Non-firm Point-to-Point Transmission Service may be loaded immediately.