



Transmission Line-load Relief (TLR) Buy Through First Read: Quick Fix

Chris Advena, Senior Lead Engineer

Markets and Reliability Committee

March 29, 2021

1. Education

1. What is TLR Buy Through?
2. History
3. Problems

2. Review Proposed OA Revisions

- TLR Buy Through
 - Applies to
 - PJM issued TLR
 - Off-system tags with loop flow
 - Allow non-firm interchange, not scheduled through PJM, that causes loop flow on the PJM system to pay congestion to avoid curtailment by PJM under a PJM issued TLR.
 - In the Operating Agreement (mirrored in OATT Attachment K)

1. Created when PJM
 - Was fully within the Mid-Atlantic
 - Issued TLR 3 more frequently
 - Prior to Joint Operating Agreements and Congestion Management with MISO, NYISO, TVA and SPP
2. Not used despite existing for 20+ years
3. PJM issued TLR 3, 2019 through 2020:
 - 3 TLRs of level 3 for 14 $\frac{1}{4}$ hours total including:
 - 1 TLR 3b for 1 $\frac{1}{4}$ hours on Jan. 21, 2019

1. Not Used
 - Not used in 20+ years.
 - PJM moved toward internal redispatch and Market-to-Market coordination.
2. Not available to on-system interchange transactions
 - Preserves off-system transactions, while PJM interchange transactions are curtailed.
3. Automation not feasible
 - WEQ-008 standards
 - Interchange Distribution Calculator
4. Reliability Considerations
 - Manual implementation by operators
 - If needed, slows curtailment process

- OC
 - First Read: 2/11/2021 (Problem Statement, Issue Charge, solution)
 - Endorsement: 3/11/2021 (Issue Charge & solution)
- MRC
 - First Read: 2/24/2021 (OA revisions)
 - Endorsement: 3/24/2021 (OA revisions)
- MC
 - Approval: 4/21/2021

SME/Presenter:
Chris Advena
Chris.Advena@pjm.com

(484) 854-0006

TLR Buy Through



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com