

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

Chris Advena, Senior Lead Engineer

Operating Committee

March 11, 2021

1. Education

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

2. Opportunity Statement & Issue Charge

3. Review Proposed OA Revisions

A decorative graphic of thin, overlapping wavy lines in a light gray color is positioned at the top of the slide, extending from the left side towards the center.

1. Education

- 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

A decorative graphic of thin, overlapping wavy lines in shades of grey and white is positioned at the top of the slide, extending from the left edge towards the center.

2. Opportunity Statement & Issue Charge

3. Schedule

- OC
 - First Read: 2/11/2021
 - Endorsement: 3/11/2021
- MRC
 - First Read: 2/24/2021
 - Endorsement: 3/24/2021
- 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