

	TLR Matrix	TLR Level 0	TLR Level 1	TLR Level 2	TLR Level 3a	TLR Level 3b	TLR Level 4	TLR Level 5a	TLR Level 5b	TLR Level 6
T L R D E S C R I P T I O N	Purpose and intent of TLR Level	TLR termination and Interchange Transaction restoration and notification	Notification of potential SOL or IROL violation	Hold transfers at present levels to prevent SOL or IROL violations	Reallocation of transmission service by curtailing non-firm transactions and allowing firm to flow	Curtail non-firm transactions to mitigate SOL or IROL violation	Gives operators time to reconfigure the transmission system to mitigate an SOL or IROL violation	Reallocation of transmission service by curtailing firm transactions and allowing higher priority firm to flow	Curtail firm transactions to mitigate SOL or IROL violation	Implement emergency procedures
	Conditions that may warrant calling this level of TLR	The Reliability Coordinator initiating the TLR Procedure shall notify all Reliability Coordinators within the Interconnection via the RCIS when the SOL or IROL violations are mitigated and the system is in a reliable state, allowing Interchange Transactions to be reestablished at its discretion. Those with the highest transmission priorities shall be reestablished first if possible.	The transmission system is secure. The RC foresees a transmission or generation contingency or other operating problem within its Reliability Area that could cause one or more transmission facilities to approach or exceed their SOL or IROL.	The transmission system is secure. One or more transmission facilities are expected to approach, or are at their SOL or IROL. The TLR level 2 is a transient state, which requires a quick decision to proceed to higher TLR levels to be implemented according to their transmission priority levels.	The transmission system is secure. One or more transmission facilities are expected to approach, or are at their SOL or IROL.	One or more transmission facilities are operating above their SOL or IROL, or such operation is imminent and it is expected that facilities will exceed their reliability limit unless corrective action is taken, or one or more Transmission Facilities will exceed their SOL or IROL upon the removal from service of a generating unit or another transmission facility.	One or more Transmission Facilities are above their SOL or IROL, or such operation is imminent and it is expected that facilities will exceed their reliability limit unless corrective action is taken.	The transmission system is secure. One or more transmission facilities are at their SOL or IROL. All Interchange Transactions using Non-firm Point-to-Point Transmission Service that are at or above the Curtailment Threshold have been curtailed. The Transmission Provider has been requested to begin an Interchange Transaction using previously arranged Firm Transmission Service that would result in a SOL or IROL violation. No further transmission reconfiguration is possible or effective.	One or more Transmission Facilities are operating above their SOL or IROL, or such operation is imminent, or one or more Transmission Facilities will exceed their SOL or IROL upon the removal from service of a generating unit or another transmission facility. All Interchange Transactions using Non-firm Point-to-Point Transmission Service that are at or above the Curtailment Threshold have been curtailed. No further transmission reconfiguration is possible or effective.	One or more Transmission Facilities are above their SOL or IROL. One or more Transmission Facilities will exceed their SOL or IROL upon the removal from service of a generating unit or another transmission facility.
N O N F I R M	Effect on current hour, non-firm tags	reloads previously curtailed tags	reloads previously curtailed tags	Prevents all tags with TDF > 5% from starting or increasing	n/a	Curtails tags with TDF > 5% until relief request is met. No reallocation	Curtails all tags with TDF > 5%	n/a	Curtails tags with TDF > 5%	Curtails all tags with TDF > 5%
	Effect on current hour, non-firm market flow	reloads previously curtailed market flow	reloads previously curtailed market flow	Prevents all market flow with TDF > 0% from starting or increasing	n/a	Curtails market flow with TDF > 0% until relief request is met. No reallocation	Curtails all market flow with TDF > 0%	n/a	Curtails all market flow with TDF > 0%	Curtails all market flow with TDF > 0%
	Effect on next hour, non-firm tags	reloads previously curtailed tags	reloads previously curtailed tags	Prevents all tags with TDF > 5% from starting or increasing	Curtails/reallocates tags with TDF > 5% until relief request is met	Curtails/reallocates tags with TDF > 5% until relief request is met	Curtails all tags with TDF > 5%	Curtails tags with TDF > 5%	Curtails tags with TDF > 5%	Curtails all tags with TDF > 5%
	Effect on next hour, non-firm market flow	reloads previously curtailed market flow	reloads previously curtailed market flow	Prevents all market flow with TDF > 0% from starting or increasing	Curtails/reallocates market flow with TDF > 0% until relief request is met	Curtails/reallocates market flow with TDF > 0% until relief request is met	Curtails all market flow with TDF > 0%	Curtails market flow with TDF > 0%	Curtails all market flow with TDF > 0%	Curtails all market flow with TDF > 0%
F I R M	Effect on current hour, firm tags	reloads previously curtailed tags	reloads previously curtailed tags	n/a	n/a	n/a	n/a	n/a	Curtails tags with TDF > 5% until relief request is met	Curtails all tags with TDF > 5%
	Effect on current hour, firm market flow	reloads previously curtailed market flow	reloads previously curtailed market flow	n/a	n/a	n/a	n/a	n/a	Curtails market flow with TDF > 0% until relief request is met	Curtails all market flow with TDF > 0%
	Effect on current hour, firm NNL	reloads previously curtailed NNL	reloads previously curtailed NNL	n/a	n/a	n/a	n/a	n/a	Curtails NNL with GLDF > 5% pro rata with firm tags and firm market flow until relief request is met	Curtails NNL with GLDF > 5%
	Effect on next hour, firm tags	reloads previously curtailed tags	reloads previously curtailed tags	n/a	n/a	n/a	n/a	Curtails tags with TDF > 5% until relief request is met	Prevents all firm tags with TDF > 5% from starting or increasing	Curtails all tags with TDF > 5%
	Effect on next hour, firm market flow	reloads previously curtailed market flow	reloads previously curtailed market flow	n/a	n/a	n/a	n/a	Curtails market flow with TDF > 0% until relief request is met	Prevents all firm market flow with TDF > 0% from starting or increasing	Curtails all market flow with TDF > 0%
	Effect on next hour, firm NNL	reloads previously curtailed NNL	reloads previously curtailed NNL	n/a	n/a	n/a	n/a	Curtails NNL with GLDF > 5% pro rata with firm tags and firm market flow until relief request is met	Keeps NNL at current hour levels	Curtails NNL with GLDF > 5%

TLR Transmission Loading Relief
SOL System Operating Limit
IROL Interconnection Reliability Operating Limit
TDF Transfer Distribution Factor
GLDF Generation-to-Load Distribution Factor
NNL Network and Native Load