

Implementation Guideline for Reliability Coordinators: Eastern Interconnection TLR Levels

The listed system conditions examples are intended to assist the Reliability Coordinator in determining what level of TLR to call. The Reliability Coordinator has the discretion to choose any of these levels regardless of the examples listed, provided the Reliability Coordinator has reliability reasons to take such action. TLR levels are neither required nor expected to be issued in numerical order of level.

TABLE 1 – TLR LEVELS	
Level	Examples of Possible System Conditions
TLR-1	<ul style="list-style-type: none"> At least one Transmission Facility is expected to approach or exceed its SOL or IROL within 8 hours.
TLR-2	<ul style="list-style-type: none"> At least one Transmission Facility is approaching or is at its SOL or IROL. <ul style="list-style-type: none"> Analysis shows that holding new and increasing non-firm Interchange Transactions and energy flows for the next hour can prevent exceeding this SOL or IROL.
TLR-3a	<ul style="list-style-type: none"> At least one Transmission Facility is expected to exceed its SOL or IROL within the next hour. <ul style="list-style-type: none"> Analysis shows that full or partial curtailment or reallocation¹ of non-firm Interchange Transactions and energy flows can prevent exceeding this SOL and IROL.
TLR-3b	<ul style="list-style-type: none"> At least one Transmission Facility is exceeding its SOL or IROL, or At least one Transmission Facility is expected to exceed its SOL or IROL within the current hour. <ul style="list-style-type: none"> Analysis shows that full or partial curtailment or reallocation² of non-firm Interchange Transactions and energy flows can prevent exceeding this SOL or IROLs.
TLR-4	<ul style="list-style-type: none"> At least one Transmission Facility is expected to exceed its SOL or IROL. <ul style="list-style-type: none"> Analysis shows that full curtailment of non-firm Interchange Transactions and energy flows, or reconfiguration of the transmission system can prevent exceeding this SOL or IROL.
TLR-5a	<ul style="list-style-type: none"> At least one Transmission Facility is expected to exceed its SOL or IROL within the next hour. <ul style="list-style-type: none"> Analysis shows that the following actions can prevent exceeding the SOL or IROL: <ul style="list-style-type: none"> Full curtailment non-firm Interchange Transactions and energy flows, and Reconfiguration of the transmission system, if possible, and Full or partial curtailment or reallocation³ of firm Interchange Transactions and energy flows.

^{1,2,3,4} “Reallocation” is a term defined within the NAESB TLR standards.

TABLE 1 – TLR LEVELS	
Level	Examples of Possible System Conditions
TLR-5b	<ul style="list-style-type: none"> • At least one Transmission Facility is exceeding its SOL or IROL, or • At least one Transmission Facility is expected to exceed its SOL or IROL within the current hour. <ul style="list-style-type: none"> ○ Analysis shows that the following actions can prevent exceeding the SOL or IROL: <ul style="list-style-type: none"> ▪ Full curtailment of non-firm Interchange Transactions and energy flows, and ▪ Reconfiguration of the transmission system, if possible, and ▪ Full or partial curtailment or reallocation⁴ of firm Interchange Transactions and energy flows.
TLR-6	<ul style="list-style-type: none"> • At least one Transmission Facility is exceeding its SOL or IROL, or • At least one Transmission Facility is expected to exceed its SOL or IROL upon the removal from service of a generating unit or another transmission facility.
TLR-0	<ul style="list-style-type: none"> • No transmission facilities are expected to approach or exceed their SOL or IROL within 8 hours, and the Interconnection-wide transmission loading relief procedure may be terminated