

Proposed Revised Term: “Low Impact External Routable Communication” (LERC)

Revised Term: Low Impact External Routable **Communication** (LERC)

Revised Definition:

Routable protocol communication that crosses the boundary of an asset containing one or more low impact BES Cyber System(s), excluding communications between intelligent electronic devices used for time-sensitive protection or control functions between non-Control Center BES assets containing low impact BES Cyber Systems including, but not limited to, IEC 61850 GOOSE or vendor proprietary protocols.

Redline to Currently Approved Definition: “Low Impact External Routable Connectivity” (LERC)

~~Routable protocol communication that crosses the boundary of an asset containing one or more Direct user initiated interactive access or a direct device to device connection to a low impact BES Cyber System(s), excluding from a Cyber Asset outside the asset containing those low impact BES Cyber System(s) via a bi-directional routable protocol connection. Point to point communications between intelligent electronic devices that used routable communication protocols for time-sensitive protection or control functions between non-Control Center BES Transmission station or substation assets containing low impact BES Cyber Systems including, are excluded from this definition (examples of this communication include but are not limited to, IEC 61850 GOOSE or vendor proprietary protocols).~~

Currently Approved Definition of “Low Impact External Routable Connectivity” (LERC):

Direct user-initiated interactive access or a direct device-to-device connection to a low impact BES Cyber System(s) from a Cyber Asset outside the asset containing those low impact BES Cyber System(s) via a bi-directional routable protocol connection. Point-to-point communications between intelligent electronic devices that use routable communication protocols for time-sensitive protection or control functions between Transmission station or substation assets containing low impact BES Cyber Systems are excluded from this definition (examples of this communication include, but are not limited to, IEC 61850 GOOSE or vendor proprietary protocols).

Retire Currently Approved Term “Low Impact BES Cyber System Electronic Access Point” (LEAP):

Given the modified definition of LERC and the proposed modifications in Reliability CIP-003-7, there is no longer a need for the NERC Glossary term *Low Impact BES Cyber System Electronic Access Point* (LEAP):

A Cyber Asset interface that controls Low Impact External Routable Connectivity. The Cyber Asset containing the LEAP may reside at a location external to the asset or assets containing low impact BES Cyber Systems.