



RASRS Update to the Reliability Risk Committee

October 20, 2022

Gene Henneberg, Chair
and
Milt Patzkowski, Vice Chair



RASRS

- RASRS Purpose
 - The purpose of the Remedial Action Scheme Reliability Review Subcommittee (RASRS) is to assist and help facilitate the RCs in their review of the reliability aspects of existing, modified, planned, and retiring Remedial Action Schemes (RAS) consistent with the requirements of NERC Standard PRC-012-2, or its successors. The RASRS provides for a uniform review process to enhance grid performance within the Western Interconnection.
- Items for Approval and Discussion:
 - RASRS Charter
 - RAS Design Guide (joint sponsor with EPAS/RWG)

Recent and Upcoming Activities

- July 19–20 RAS reviews
- 7 entities
- 13 schemes for approval
- RASRS Charter
- RAS Design Guide
- RRC organization and survey
- Next scheduled RASRS meeting
November 29–30, 2022 + web
- Scheme reviews in closed session
- RRC organization results

Three-Year Work Plan Status

Title	Reliability Risk Priority	Status	Target Date
Share operating and system data insights from Events Analysis, including near-misses	1: Resource Adequacy and Performance 2: Changing Resource Mix 4: Extreme Natural Events RASRS members participate in the monthly EPAS meetings that review significant events.		On going
Review reliability implications of RAS in conjunction with the relevant RCs	1: Resource Adequacy and Performance 2: Changing Resource Mix Tri-annual reliability reviews of new, modified, and RAS proposed for retirement		On going



Proceeding



Ongoing



Attention





Assistance



Complete

Three-Year Work Plan Status

Title	Reliability Risk Priority	Status	Target Date
Review of Guidelines and Papers	Revise the WECC Remedial Action Scheme Design Guide, joint with RWG, input from TELWG and EPAS. RRC approval anticipated Oct 2022		Today !
RASRS Charter review	Anticipate RRC review and approval Oct 2022		Today !



Proceeding



Ongoing



Attention



Assistance

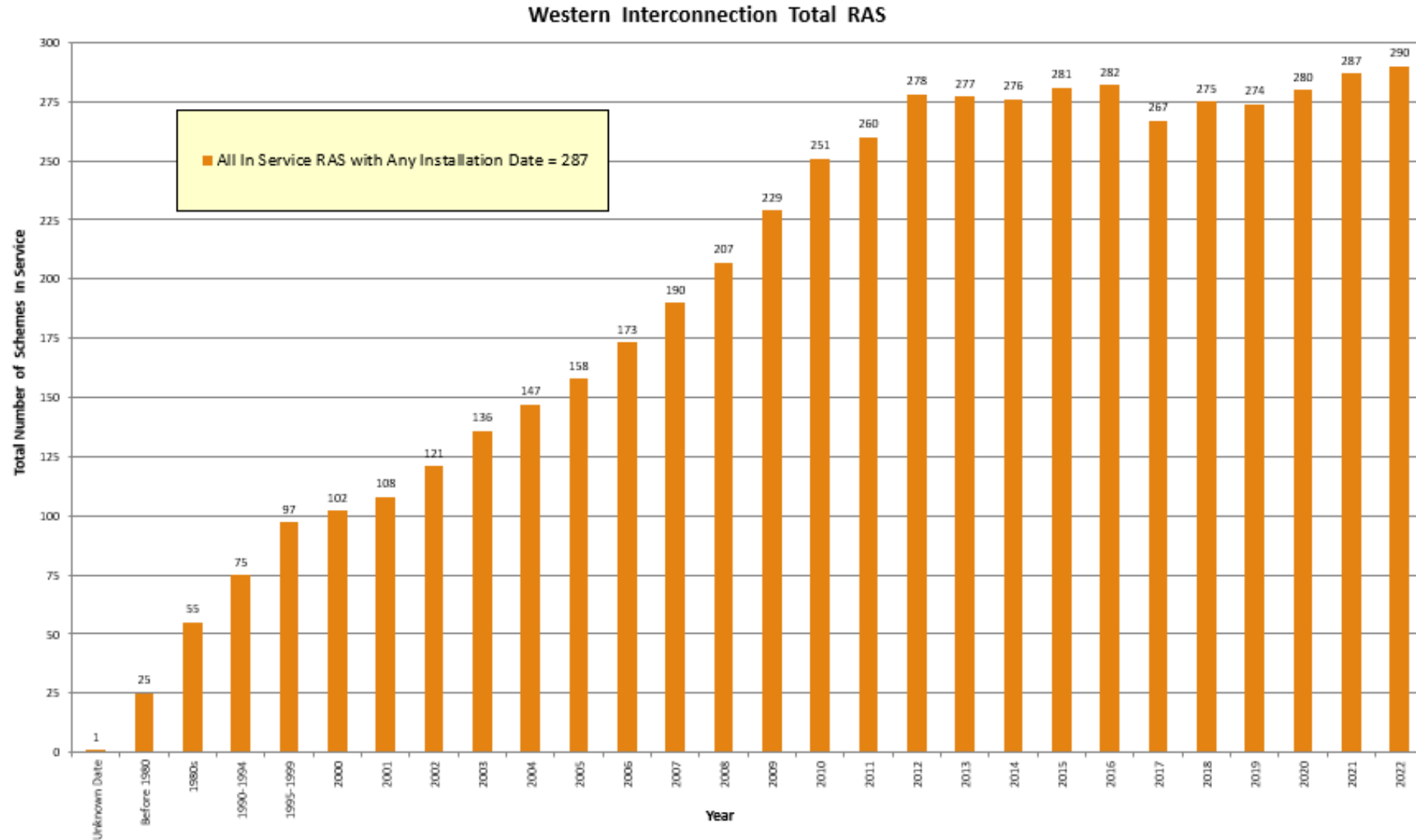


Complete

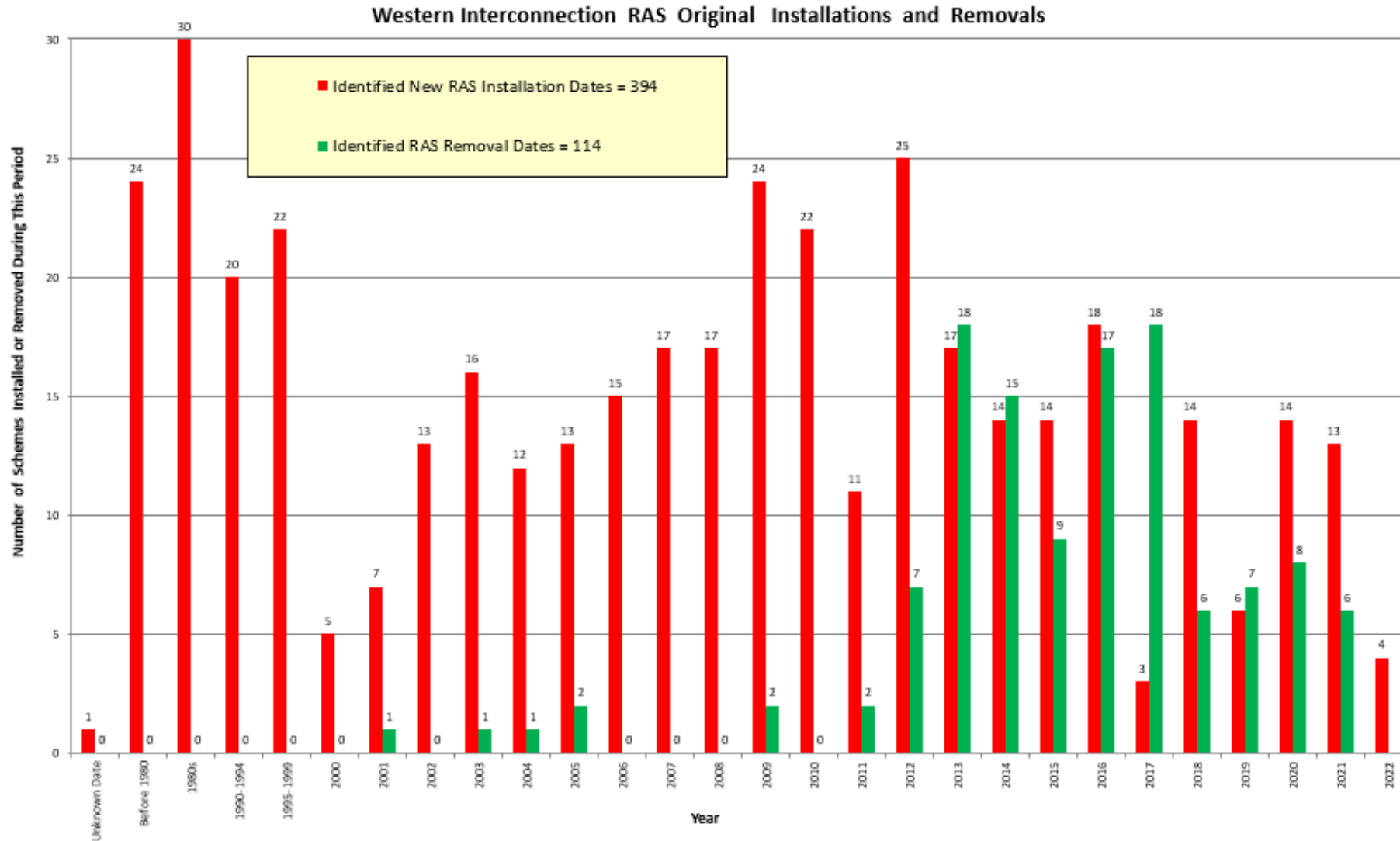
Reliability or Security Risks Identified

- Describe any reliability or security risks identified by the committee since the last meeting
- In conjunction with EPAS and the proposed BAL-003 revision, add language to the RAS Design Guide regarding upper limits on generation-shedding RAS to avoid initiating underfrequency load shedding

Western Interconnection RAS Growth



Western Interconnection New and Retired RAS





Contact:

Gene Henneberg

RASRS Chair

Gene.Henneberg@nvenergy.com

775.834.7187