



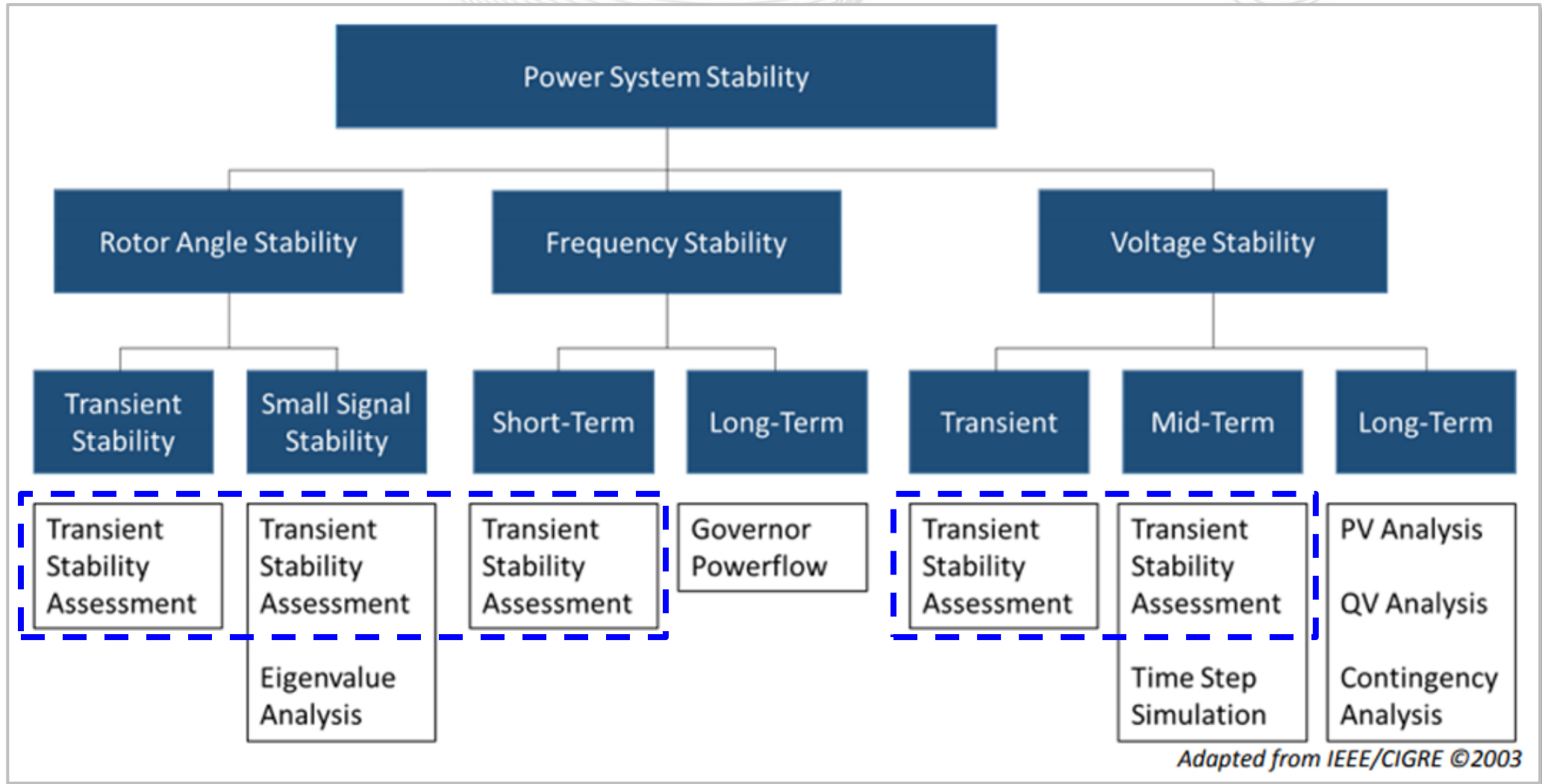
CIP-014 CMEP Guide and CB-020

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- April 2015 – PJM TODO PSWG (Physical Security Working Group) approved the CIP-014 common risk assessment methodology
- November 2021 – NERC issues CMEP guidance on CIP-014
 - Effective Immediately
 - <https://www.nerc.com/pa/comp/guidance/CMEPPpracticeGuidesDL/CMEP%20Practice%20Guide%20CIP-014-2%20R1.pdf>

- Applicability List
 - PJM TOs follow the prescribed weighting calculations (CIP-014 4.1.1.2)
 - TO's should review the guidance to ensure applicability methodology is compliant
 - <https://www.nerc.com/pa/comp/guidance/CMEPPPracticeGuidesDL/CMEP%20Practice%20Guide%20CIP-014-2%20R1.pdf>
- Models
 - PJM will continue to recommend/provide a specific model, based on the timing of CIP-014 request

- Technical Analyses
 - “An entity only performing a steady-state Contingency Analysis is not able to fully demonstrate an evaluation of instability, and additional dynamic analyses must be performed to satisfy R1.”
 - Guidance goes into great detail about specific stability analyses.



- Clear documentation of adequate criteria in the risk assessment
 - Rotor angle instability, unstable power swings, voltage excursion beyond entity's criteria, etc.
- Key items to assess the entity's development process and rationale for the dynamic criteria:
 - Rationale for the combinations of events studied in the dynamic simulations such as fault type and definition
 - Co-opted/additional criteria: the entity's decision for criteria selection and the source of the criteria should be clear.
 - Selected model(s) sanity check: the base case(s) should solve within reasonable tolerance.

- CB-020, including documentation of common risk assessment methodology to be removed from PJM website to avoid conflict with CMEP guidance
- TO CIP-014 analysis must align with CMEP practice guide, or may be a potential non-compliance
 - RF has been reaching out to TOs specifically who have audits coming up to make them aware this
 - RF is focused on TOs assessment and methodology rather than third party assessment

- PJM continuing to support TO's in review/update of common risk assessment methodology
- PJM will share this presentation with additional stakeholder groups (RSCS, TOA-AC & PC)

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