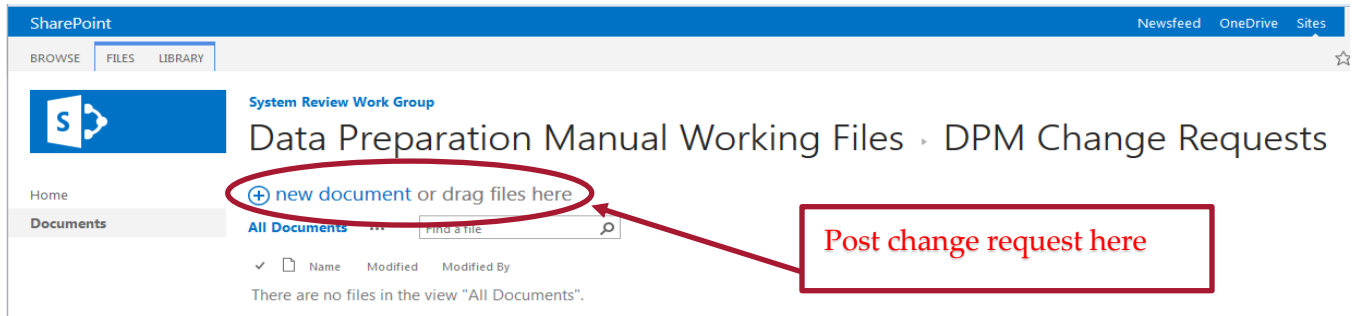




Data Preparation Manual Change Request System Review Subcommittee (SRS)

The following is an example change request to be used as a template for actual requests. Please complete the template with as much detail as possible. You may contact the SRS chair, vice chair, and the compliance coordinator for assistance.

An SRS member should submit the completed request by posting the document on the SRS team site.



Change Summary

Require the difference between Vrefmin and Vrefmax for type 3 and 4 SVD be greater than or equal to 0.04 pu.

Schedule

Incorporate language into DPM: Inclusion in 2024 DPM.

Adherence to revised DPM language: Same as 2024 DPM.

Detailed Description

For type 3 and 4 SVDs, the determination of when to switch the steps is based on either the deadband or Vrefmin and Vrefmax. The DPM specifies a minimum deadband of 0.02, but does not specify a minimum voltage bandwidth for Vrefmin and Vrefmax. This can lead to narrow control bands, which can result in issues with case solutions.

Benefits

The following benefits are intended by completing the proposed DPM change request:

- Eliminate solution issues caused by narrow control bands.

Cost

- None, change would be part of current WECC base case building practices.

Alternatives

No alternatives

Proposed Edits

Update add requirement to the VRFMAX and VRFMIN entries in Table 7. Changes shown in red.

Field	Description	Requirement
VRFMIN	Minimum Voltage reference for Slow rest (pu) (types 5, 6, and 7) Minimum Voltage reference for types 3 and 4 if Voltage Deadband ≤ 0	S9. For type 3 and 4, $VRFMAX - VRFMIN \geq 0.04$
VRFMX	Maximum Voltage reference for Slow rest (pu) (types 5, 6, and 7) Minimum Voltage reference for types 3 and 4 if Voltage Deadband ≤ 0	S10. For type 3 and 4, $VRFMAX - VRFMIN \geq 0.04$

Examples

