

ICS 2021 White Paper SCOPE (DRAFT)

Evaluate Improvements to Modeling SCR Duration Limits

Study Purpose and Summary

Evaluate the modeling of Special Case Resources (SCR) to determine an optimal method of accounting for them in determining statewide IRM requirements.

Study Scope

Review and investigate the existing SCR modeling technique in MARS, with a focus on existing constraints on their ability to provide reliability services and the fact that daily duration limits are not imposed on SCRs. This should include a review of whether the existing derating factors, including SCR performance, the ACL to CBL derating factor, and the 5 days per month dispatch limit sufficient represent the reliability value of SCRs. Imposing duration limits on SCRs is not possible with the current version of MARS and would require either (a) adoption of GE's enhanced ELR modeling module or (b) an alternative SCR modeling construct similar to the current "simplified method" for modeling ELRs.

Provide an analysis of the existing method of modeling SCRs and any recommended changes that are indicated to provide confidence in results in determining NY IRM requirements.

Study Schedule

This study will be completed by May 2021.