

OVEC - DEARBORN SHORT CIRCUIT VIOLATION(S)

The 2024 PJM short circuit cases identified two OVEC Dearborn 345 kV breakers (DB, DC) as overdutied in the 2024 time frame as part of the normal RTEP short circuit activities to review both five year and two year cases for short circuit analysis. The modeling correction has been attributed as the driver for this overdutied condition identified in the 2022 series RTEP -2024 short circuit analysis at the Dearborn substation. A tie line from AEP to the neighboring TO was modeled offline in the previous year model which has been corrected in the 2022 series of model build. After the tie line model is corrected the PJM cases, Dearborn breakers have been identified as overdutied in the near-term (2-year out) short circuit case.

As a result, these projects will be designated as immediate need to address the near term violation(s) of the two overdutied 345kV breakers (DB, DC) at the Dearborn substation in the 2024 timeframe. Because these breakers are wholly located inside existing substations owned by OVEC, OVEC will be the designated entity to perform the work to replace the overdutied breakers.