



2020-2021 Stage 1A ARR 10 Year Analysis Update

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Transmission Expansion Advisory Committee
August 04, 2020

- Purpose:
Test the transmission system's ability to support the simultaneous feasibility of all Stage 1A ARR for base load plus the projected ten-year growth of base load
- Results:
 - 2020/2021 Stage 1A 10-Year ARR analysis identified violations on two internal facilities
 - A planned upgrade has been identified to address the violation
 - No further action required at this time



Results of 2020/21 Stage 1A ARR 10-year Analysis

Facility Name	Facility Type	First Year of Violation	Upgrade expected to fix infeasibility	Expected in-service date
KILMER 230 KV KIL-LAKI and LAKENELS230 KV LAK-MID	Internal	1	PJM RTEP b3042: Replace substation conductor at Raritan River 230 kV substation on the Kilmer line terminal.	2023

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2020/2021 Stage1A ARR 10year analysis



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