

Indicator 3: Unplanned Outages of Multiple Transmission Elements



What it measures

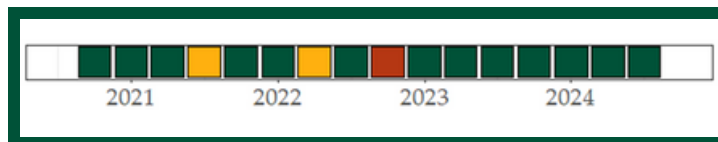
Indicator 3 measures how often potentially high-risk, unplanned transmission outages occur on the system.

How it is measured

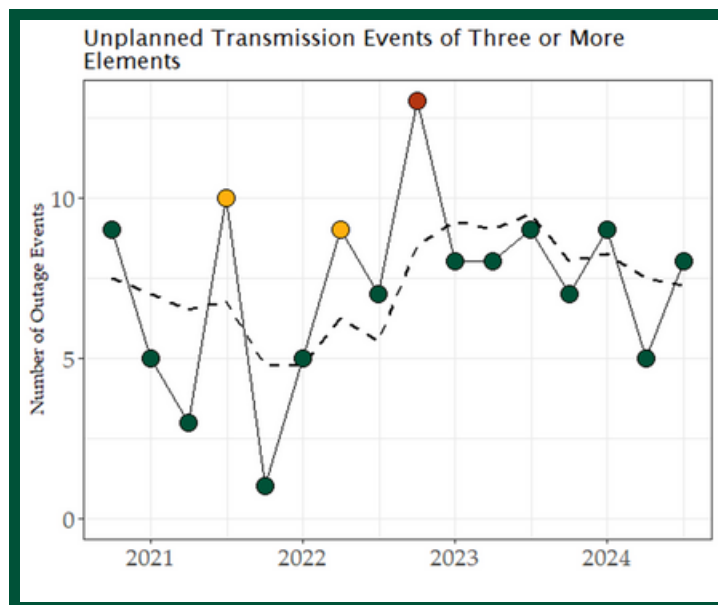
Indicator 3 tracks the number of unplanned transmission events involving three or more Bulk Electric System elements each quarter.

Why this matters

While most transmission events involve an outage of a single element, some events involve multiple elements. Though relatively uncommon, events involving three or more elements pose a higher risk because they are more extensive than the n-1 and n-2 contingencies typically considered by planners.



Indicator Performance History



What does the Q3 2024 evaluation tell us?

There were eight events involving three or more elements, which is only slightly above the running mean, so the indicator is green. The longest event involved three elements and lasted 23 hours. One event involved five elements but lasted for only 11 minutes.

DATA SOURCE

Transmission Availability
Data System (TADS)

