



PJM Performance Assessment Intervals (PAIs) Fact Sheet

What is a PAI?

PAIs are five-minute intervals during demand response (DR) events, in which, PJM evaluates resource performance under emergency conditions, triggered by specific criteria. DR resources may be dispatched during PAI or “Non-PAI” intervals.

What is my performance obligation?

All DR participants are obligated to respond to a PJM dispatch, whether it is a PAI, Non-PAI or Test event. PJM designates PAIs in five-minute intervals rather than entire events, meaning an event can comprise both PAI and “Non-PAI” intervals. Performing in a test does not eliminate the need to perform in a PAI interval, so customers should always be ready to respond to dispatches.

Are there penalties?

Performance during any dispatch is mandatory and always affects capacity performance, but direct financial penalties apply only for underperformance during PAI intervals and test events. Although “Non-PAI” intervals carry no financial penalties, DR participants must respond to all dispatches, as it will not be immediately known if a PAI interval is occurring. Resources that fail to respond can and have been referred to the Market Monitor and FERC, along with their curtailment service provider (CSP). Only hours with at least 30 minutes of dispatch are subject to performance assessment and penalties, with prorated calculations applied for partial-hour dispatches.