

## **Nodal Data Services Offering**

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part of eex group

## Nodal can provide risk solutions for FTR participants with positions on the exchange or at the ISO/RTO

- Participants would have the option to move their FTR portfolio to Nodal Exchange via Exchange for Related Position (EFRP), also referred to as Exchange for FTR (EFTR)
  - The portfolio would then be composed of exchange-cleared futures contracts that would be margined by the exchange and eligible for daily position management via exchange trading
- Participants who do not to convert their FTR portfolios to exchange-cleared positions would keep their portfolios with the ISO/RTO
  - Nodal Data Services would provide guidance for the ISO/RTO with respect to risk considerations of these remaining participants
  - This service offering is meant to complement clearing of FTRs and as such would be offered below normal profitability thresholds as long as FTR clearing has been enabled

## Nodal Data Services provides analysis and support for portfolios that remain at PJM



## Proposed services to be provided by Nodal Data Services include:

- A. Risk information provided to the ISO:
  - 1. Price marks on all forward positions, including load nodes
  - 2. Variation margin calculations sent daily for each FTR participant (based on daily price marks proposed by Nodal)
  - 3. Initial margin calculations sent daily for each FTR participant
  - 4. Position and concentration limits (accountability levels) with degree of usage per FTR participant sent daily
  - 5. Guaranty fund calculations sent for each FTR participant on a periodic basis (e.g., daily), with level monitored daily
- B. Implementation of membership requirements (onboarding) for all members including FTR traders
  - 1. Assessment of financial condition and other requirements
  - 2. Due diligence
  - 3. Credit/financial surveillance (ongoing reviews)