eDART Overview
- **eDART** – electronic Dispatcher Applications and Reporting Tool.
- Suite of Applications used to facilitate dispatcher to dispatcher communications and other engineering communication and coordination functions.
**Generation**

- **Gen. Tickets**
  - Used to record and schedule:
    - Generator MW Outages
    - Voltage Regulator Outages
    - Governor Outages
    - D-Curve Adjustments
    - Reactive Tests

- **Hydro Calculator**
  - Used to balance the output of the upriver hydro assets by scheduling the output of the Conowingo Dam

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**Generation & Transmission**

- **Reactive Reserve**
  - Used to record and coordinate:
    - Reactive Reserve Check (RRC)
    - D-Curve Review

- **NERC Data**
  - Used for gathering data and sending and receiving info to/from NERC SDX

- **Generator Checkout**
  - Used to compare and highlight discrepancies between eMarket bids and Available Capacity. One of first if not the first application to bring Markets and Operations together in real-time

- **Instantaneous Reserve Check**
  - Used to verify if enough reserve generation available.

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**Transmission**

- **Trans. Tickets**
  - Used to record and schedule non-generator transmission facility outages.

- **TERM**
  - Used to record and schedule line and transformer temperature apparent power ratings.

- **Restoration Data**
  - Used for restoration drill to practice bringing PJM area back in service after a blackout.

- **Reactive Reserve**
  - When called, TO’s must fill out and submit the RRC report for their respective zones.

- **Minimum Gen. Report**
  - Used for companies to submit changes to the transmission grid.

- **Telemetry Coordination**
  - Used to:
    - Allow users to submit and track updates made to Object IDs.
    - View differences between Transfer Data and the data stored in Access.
    - Send notification to TO and RTO of updates.
    - Process TO and RTO request for access.
Example of eDART Process Flow w/ Other Applications

- eDART links with both internally owned and external applications as seen in this example
Member have the ability to use either the forms ([http://esuite.pjm.com](http://esuite.pjm.com)) or link their in-house applications to eDART via the XML interface.

- Members can test their XML interfaces using the sandbox ([http://edarttrain.pjm.com](http://edarttrain.pjm.com)).
- Information on XML interface requirements are available ([http://pjm.com/pub/etools/edart/xmldocs/xmldoc.html](http://pjm.com/pub/etools/edart/xmldocs/xmldoc.html)).
• eDART FAQs: [http://www.pjm.com/FAQs.aspx#eDARTFAQs](http://www.pjm.com/FAQs.aspx#eDARTFAQs)
• eDART User Group page: [http://www.pjm.com/committees-and-groups/user-groups/edart-ug.aspx](http://www.pjm.com/committees-and-groups/user-groups/edart-ug.aspx)