

Updates to eDART Cause Codes - Fuels

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Systems Operations Subcommittee
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- PJM is working to update eDART cause codes as it pertains to fuel related outages to better characterize outage root cause and conduct historical analysis.
- eDART currently has 3 cause codes related to fuel issues. These codes are vague which complicates PJM's ability to delineate outages when conducting historical analysis, especially when it pertains to gas units.
- PJM is proposing to enhance cause coding to better capture the type of outage with specific focus regarding gas related outages.

Current Cause Codes	Proposed New Cause Codes
No Fuel	Fuel – Gas – Contractually Interrupted (Supply/Transportation)
Fuel Problem	Fuel – Gas – Supply Procurement Unavailable
Fuel System	Fuel – Gas – Pipeline/LDC Operations
	Fuel – Gas – Onsite Delivery System/Plant Equipment Failure
	Fuel – Non Gas – Supply Unavailable
	Fuel – Non Gas – Fuel Quality
	Fuel – Non Gas – Onsite Delivery System/Plant Equipment Failure

New Cause Code	Example Reasons
Fuel – Gas – Contractually Interrupted (Supply/Transportation)	• Transportation contract is interrupted by pipeline or LDC • Supply contract is interrupted/force majeure by gas supplier/marketer
Fuel – Gas – Supply Procurement Unavailable	• No gas physically available • No counterparties available or willing to sell gas • Unable to procure sufficient supply to meet full commitment
Fuel – Gas – Pipeline/LDC Operations	• Pipeline/LDC incident/Force Majeure (i.e. pipeline failure, compressor station failure, pressure issue, etc.) • Gas Quality Issue posted by interstate pipeline
Fuel – Gas – Onsite Delivery System/Plant Equipment Failure	• Fuel equipment issue behind the meter within the property of the plant that is not related to pipeline/LDC operations

Fuel – Non Gas Cause Codes

New Cause Code	Example Reasons
Fuel – Non Gas – Supply Unavailable	• No coal or oil available
Fuel – Non Gas – Fuel Quality	• Wet/Frozen Coal • Low quality coal • Contaminated Oil
Fuel – Non Gas – Onsite Delivery System/Plant Equipment Failure	• Fuel equipment issue within the property of the plant

Timeframe for Implementation

September

PJM provided notification of upcoming eDART cause code changes at the Electric Gas Coordination Subcommittee

October

- System Operations Subcommittee
- Operating Committee
- Tech Change Forum
- eDART TEST environment

November

- Operating Committee
- Tech Change Forum

December

New eDART cause codes go into production

- Upon implementation, Generation Owners are requested to use the most appropriate new cause code
 - Gas units to use new cause codes specific to gas (i.e. “Fuel – Gas – Supply Unavailable”)
- Non gas units to use “rebranded” cause codes
 - Fuel Problem → Fuel – Non Gas – Fuel Quality
 - No Fuel → Fuel – Non Gas – Supply Unavailable
 - Fuel System → Onsite Delivery System/Plant Equipment Failure

- More accurate classification of root outage cause
- Enhances reporting accuracy of generator performance over time
- Improves generator performance analysis, particularly for gas generation units
- Decreases ambiguity of proper outage reporting for generation owners

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eDART Cause Code Updates

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Member Hotline

(610) 666 – 8980

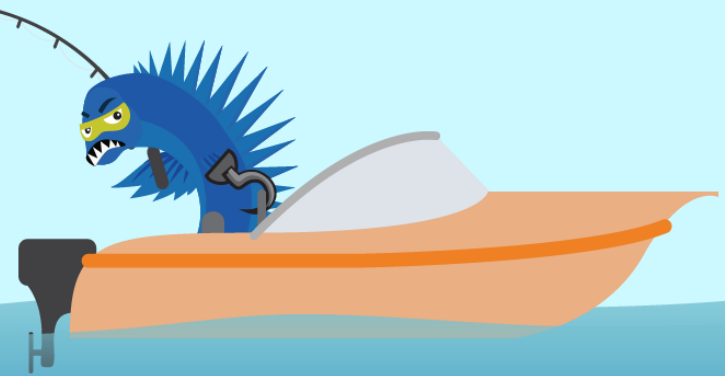
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