



Next Generation Markets Update

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Markets and Finance Applications
Market Implementation Committee
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Multi-year partnership between PJM, MISO, ISO-NE and GE started in April 2017

Goals

- Create a quantum leap in capability and performance
- Enable ISOs to share in costs and system functionality
- Reduce maintenance costs and time-to-market
- Improve system security and quality
- Develop the next generation markets support team at GE and PJM



Product Development

Software products

- Data Transfer Improvements
- Redesigned Network Applications
- Redesigned Market Clearing Engines
- Redesigned Markets Gateway
- Bidding Service

PJM Product Implementation

Customize and implement

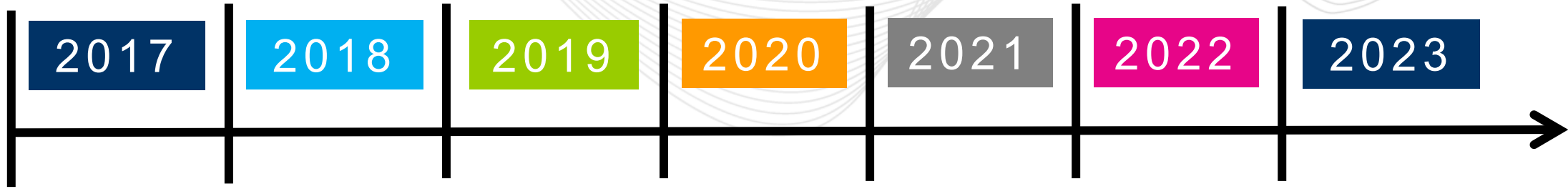
- Data Transfer Improvements
- Redesigned Network Applications

PJM and GE are in the initial stages of planning the day-ahead market clearing engine (DA MCE) implementation. PJM has completed requirements and is working with GE to define the approach for clearing engine customization, testing and implementation.

GE development continues for the real-time clearing engine products with an expected release in Q3 2021

In July, GE released the data transfer enhancements and network applications software to PJM. PJM will begin internal software testing in Q3 with an expected production implementation in Q1 2021.

Phase 2 nGEM agreement is under negotiation with GE and participating ISOs.



Phase 1

Product development

Product implementation for Data Transfers and Network Applications

Product implementation for Day-Ahead Market Clearing Engine

Phase 2

Product development

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