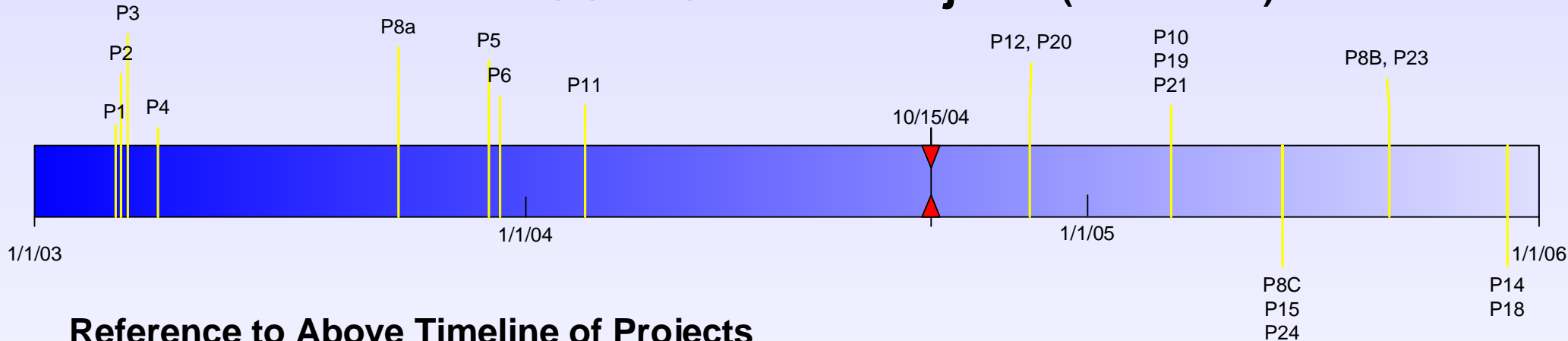


Northeast ISOs "Seams" Projects (2003 - 2005)



Reference to Above Timeline of Projects

2003 Seams Projects (closed)

- P1 March - ISO-NE implemented NE SMD1.0
- P2 March - ISO-NE UCAP implementation
- P3 March - NY new trading hubs
- P4 April - NY Open Scheduling System (OSS) Phase1
- P5 Q4 2003 - NY MS-7040 transfer study
- P6 Q4 2003 - Maritimes to become participants in ACE Diversity Interchange Process
- P8a September - NY Open Scheduling System (OSS) Phase II - Ramp/ATC Posting
- P11 1st Quarter (orig date 2003) Harmonize New York Demand Response Programs with ISO-NE

2004 Seams Projects (open)

- P8b Q3 2005 - NY OSS Phase II - Facilitated Checkout
- P8c Q2 2005 - NY OSS Phase II - e-tagging
- P10 Q1 2005 (orig projected 2003) - Expansion of Regional Reserve Sharing
- P12 Q4 2004 - (orig date 2003) NY Real-time Scheduling (RTS) implementation and NY SMD 2.0
- P14 Projected 2005 - NY-HQ-ISONE HVDC interconnections
- P15 Q2 2005 - (orig date 2003 but changed as a result of SMD NOPR) - Regional Resource Adequacy Model (RAM) Group (formerly JCAG Working Group)
- P18 Q4 2005 - Virtual Regional Dispatch (formerly Regional Dispatch Coordination)
- P19 Q1 2005 (orig projected 2004) - Partial unit ICAP sales
- P20 Q4 2004 - Elimination of Rate Pancaking
- P21 Q1 2005 - NY Generator Attributes Tracking System
- P23 Q3 2005 - Coordination of Interregional Planning
- P24 Q2 2005 - Cross-Border Controllable Line Scheduling

Issues Under Discussion *

- I1 Controllable Line Scheduling (internal NY)
- I2 Multiple Proxy Buses For Free-Flowing Interfaces
- I3 Different Ramping Rules
- I4 Reduced Lead Time for In-Day Transaction Scheduling
- I5 NY Real-time Scheduling (RTS) Future Enhancements
- I6 Reserves Participation in Adjacent Regional Markets
- I7 The Impact of External Transmission Outages on Congestion Rent Shortfalls and ICAP Markets

Pending Projects

- P7 Pending (orig Dec 2002) Coordination of controllable tie lines (Phase Angle Regulators) between NY and PJM
- P9 Pending (orig projected June 2003) - Lake Erie system redispatch project implementation
- P16 Pending (orig projected 2003) - NY TCC options for external interfaces

* Issues that have been brought to attention of the ISOs but have either not yet resulted in a specific initiative or the initiative has not been approved as a project by the stakeholder process.