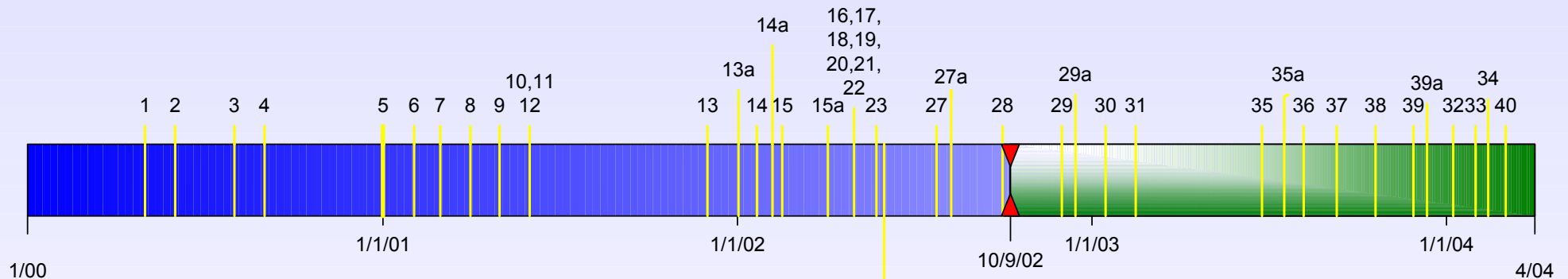


# Northeast ISOs "Seams" Resolution (2000 - 2004)



## Reference to Above Timeline of Projects \*

### 2000 Seams Projects

1. May - NY Emergency Transfer agreement with PJM
2. June - NYISO Data Feed for PJM E-data tool
3. August - NY Emergency Transfer agreement with New England
4. September - NY prevention of transaction bid production cost guarantee gaming

### 2001 Seams Projects

5. January - PJM changes timing requirements
6. February - NY reserve sharing with ISO-NE
7. March - NY transaction curtailment notification messages
8. April - PJM modifies NYPP-E /NYPP-W LMP definition
9. May - NY Emergency Transfer Agreement with HQ
10. June - NY's implementation of transaction scheduling desk
11. June - PJM implementation of CSS
12. June - PJM/NY coordination of in-day transaction schedules to help control ramping issues
13. December - NY multi-hour block transactions

### 2002 Seams Projects

- 13a. January - ISO-NE and NYISO announce agreement to establish common market design and evaluate a single RTO
14. January - PJM implements NYIS interface LMP
- 14a. January - PJM and MISO announce plan to develop a joint and common wholesale market
15. February - NY transaction pre-scheduling
- 15a. April - PJM and Allegheny Power System form PJM West
16. May - ISO-NE changes to ICAP rules
17. May - ISO-NE rule changes to permit/facilitate SNETs from ISO-NE to NY
18. May - NY transactions reinstatement
19. May - NY hour-ahead closing time changed from 90 to 75 minutes
20. May - Interim transaction checkout between NYISO & ISO-NE
21. May - IMO seams initiatives
22. May - NY Emergency Transfer Agreement with IMO
23. May - NYISO filing for ICAP deliverability to PJM
- 23a. June - NY and NE Area Control Area (ACE) diversity exchange initial deployment
24. June - Display TTC /ATC for all interfaces on NPCC website
25. June - NY/PJM implement plan to enhance congestion management
26. June - NY and NE Area Control Error (ACE) diversity exchange initial deployment
27. July - NY in-day commitment and scheduling enhancements
- 27a. August - NPCC enhancement / expansion of Lake Erie emergency redispatch **(NEW)**
28. October - NY interconnection agreement with HQ/TE \*\*
29. December - Coordination of controllable tie lines between (Phase-Angle Regulators) between NY and PJM
- 29a. December - PJM to implement spinning reserves market

### 2003 Seams Projects (projected)

30. ISO-NE to implement SMD 1.0
31. ISO-NE ICAP implementation
35. June - Lake Erie system redispatch project implementation
- 35a. Summer 2003 - Maritimes become participants in ACE Diversity Interchange Process **(NEW)**
36. NY new trading hubs
37. NY TCC options for external interfaces
38. Open-scheduling system (OSS) for seams issues
39. Establish requirements for external thirty-minute reserves participation in NYISO
- 39a. Expansion of Regional Reserve Sharing **(NEW)**

### 2004 Seams Projects (projected)

32. NY Real-time Scheduling (RTS) implementation \*\*
33. Regional ICAP Working Group implementation \*\*
34. Harmonize NY Demand Response Programs with ISO-NE \*\*
40. NYISO to implement SMD 2.0 \*\*

\* Descriptions of these projects may be found on the accompanying sheets.

\*\* Date change - see detailed description document.