



Building The Energy Markets of Tomorrow . . . Today

NYISO Product Enhancements

August 2005 Update

Management Committee
August 10, 2005



Software Improvements - Price Corrections

- A number of software anomalies have been identified that have contributed to a higher number of price corrections with SMD2
- Software corrections have been implemented for most of these issues and the rate of price corrections has generally improved
- Price correction software issues are investigated, monitored, and tracked with a high priority
- Progress against these issues reported to FERC regularly

Notable SW Changes - Price Corrections

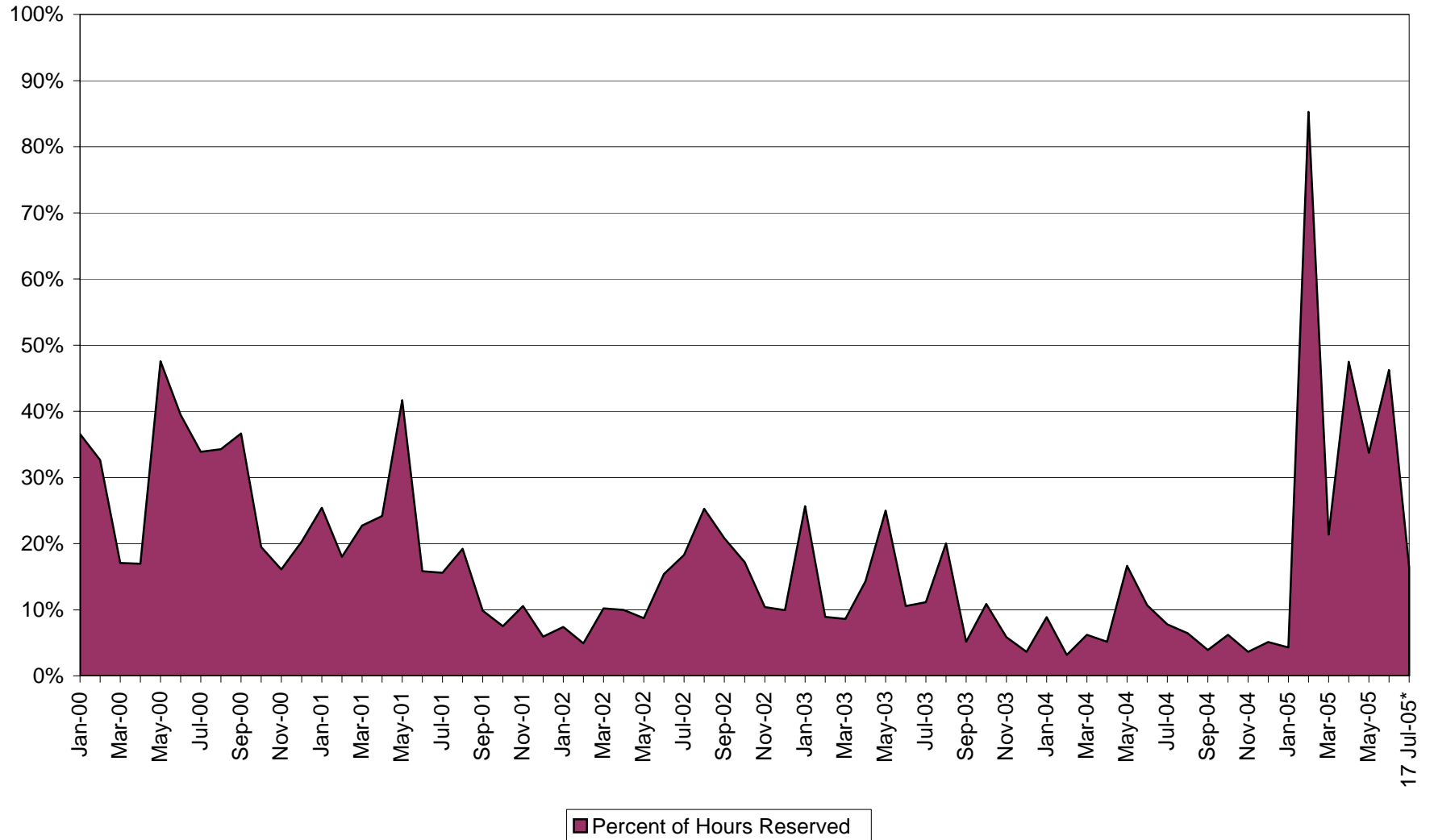
- Load forecasting and modeling errors – February
- RTD unit ramping logic issues – February
- DNI constraint problem affecting external proxy pricing – June
- RTD commitment problem of GTs in corrective action mode (RTD-CAM) – July
- Other infrastructure activities
 - *Network modeling errors and maintenance*
 - *Data communication, system, and metering failures*
 - *OASIS posting errors and problems*

Pending SW Changes - Price Corrections

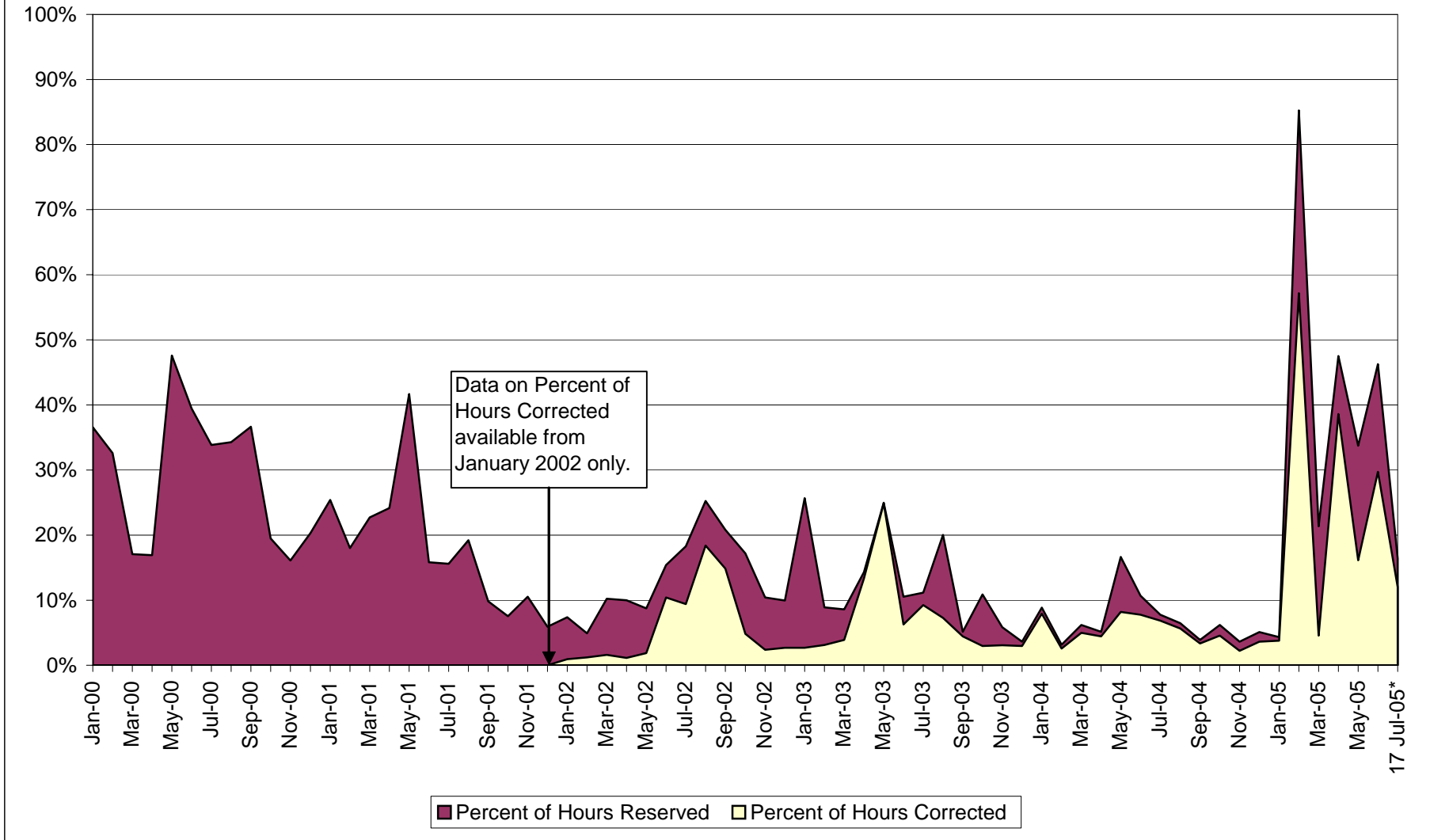
- OOM application committed Combustion Turbines incorrectly flagged as flexible – Scheduled for August
- Generator operating status issue – Scheduled for August
- Islanded generator bus modeling anomaly – Scheduled for September

Real Time Price Corrections: Percent of Hours Reserved

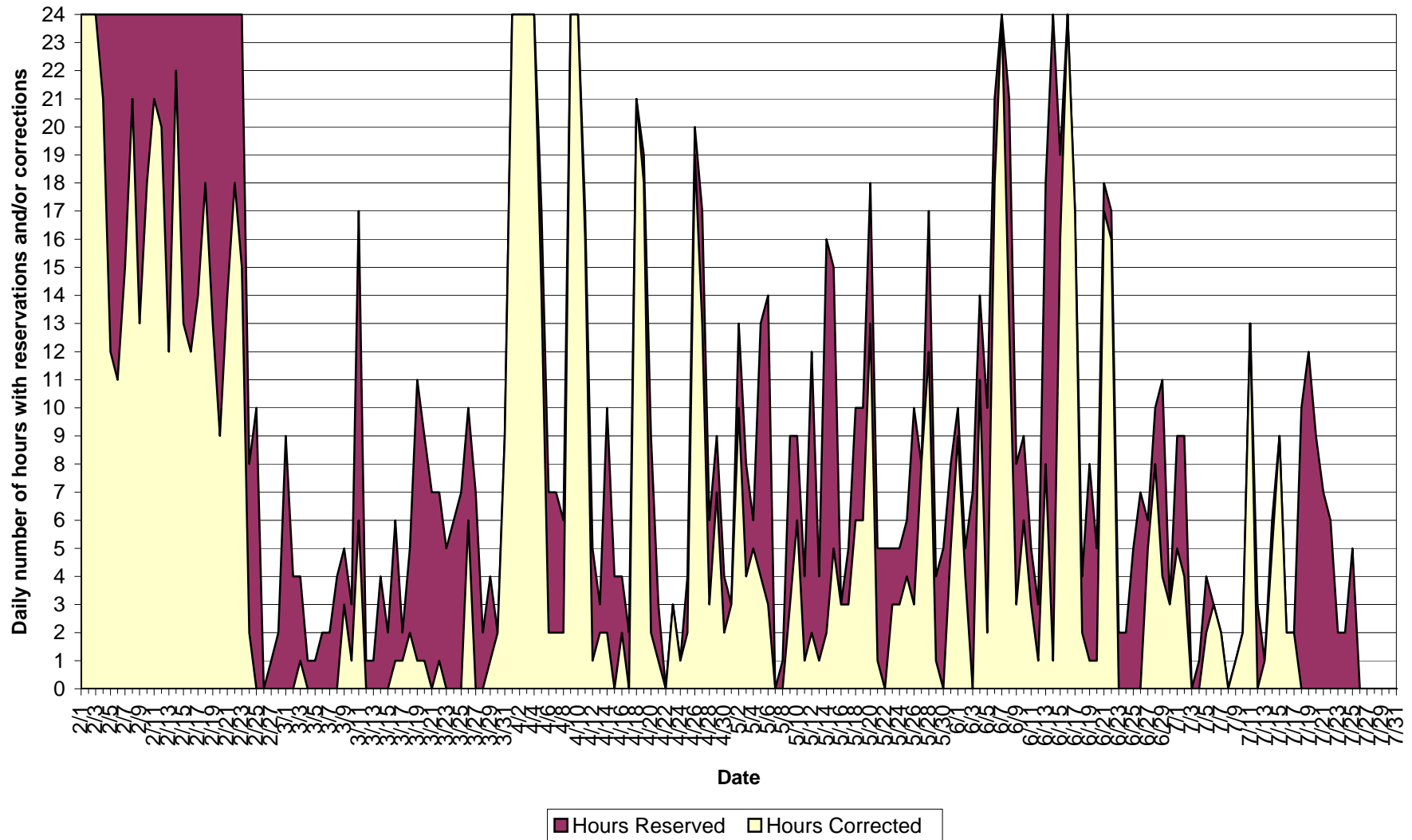
January 2000 - July 2005 (through July 17, 2005 only)



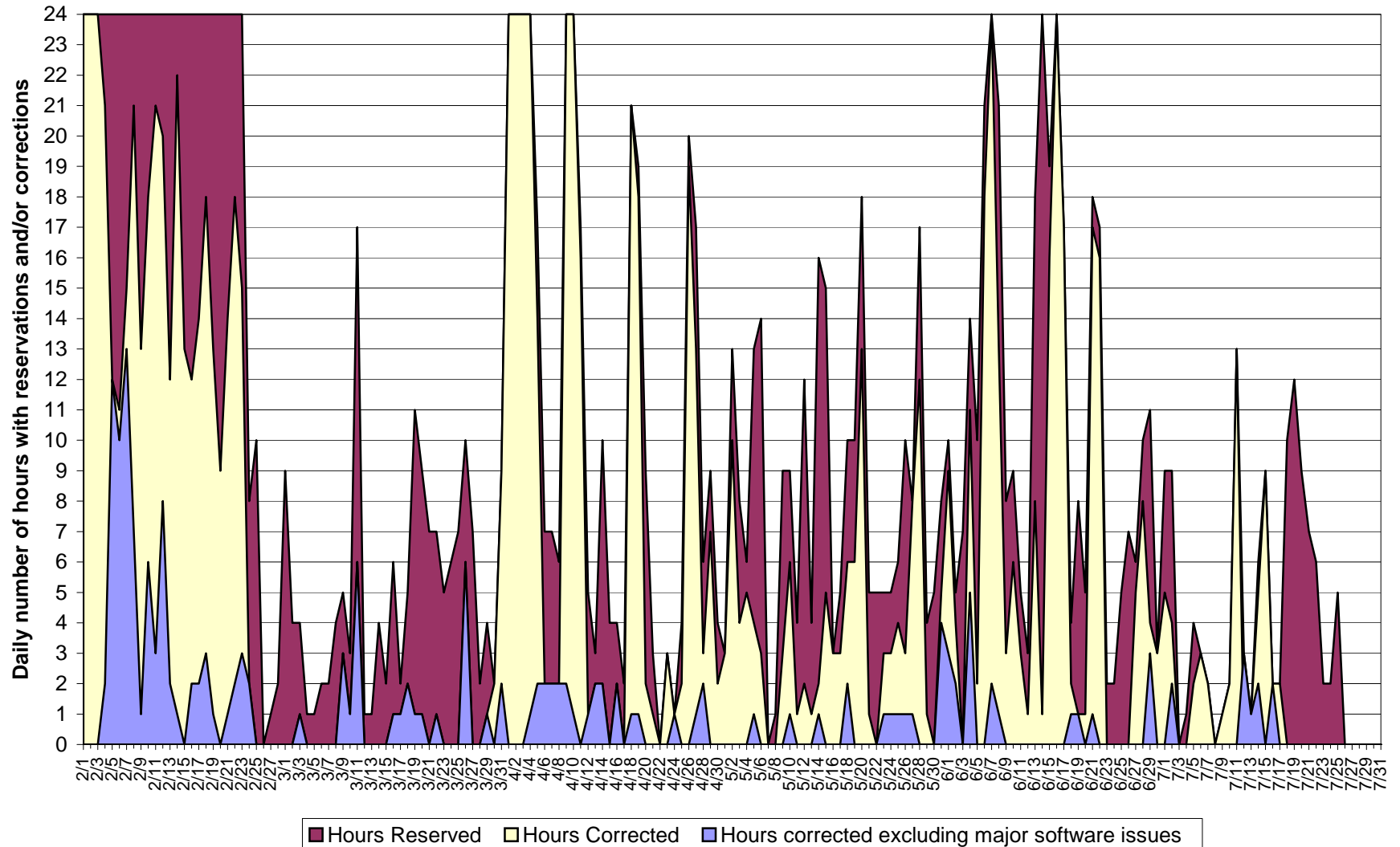
Real Time Price Corrections: Percent of Hours Reserved and Corrected January 2000 - July 2005 (through July 17, 2005 only)



Daily Number of Hours with Reservations and Corrections
February 1 2005- July 25 2005
(Corrections through July 17 only)



**Daily Hours with Corrections Excluding Major Known Software Issues
February 1 2005- July 19 2005
(Corrections through July 17 only)**



August Software Release

- Contents: RTD Scheduling of 10-Minute resources and certain additional SMD2 enhancements
- Testing started in June and test plan was completed end of July
- Regulatory approval for RTD Scheduling of 10-Minute resources received
- Deployment planned for end of July, but delayed multiple times by extended period of peak load conditions
 - *Tentative deployment week of August 8*

September Software Release

- Contents: UCAP Auction Automation, additional billing automation deliverables, and DSS enhancements
 - *Contents to be finalized as schedule is confirmed*
- Deployment tentatively scheduled for late September
 - *Actual date to be determined by project schedules and system conditions*
- Implementation of 15-Minute Scheduling will be bundled with September release