

# NYCA Variable Regulation Requirements Analysis & Action Plan

Presented to

**NYISO Business Issues Committee**

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# Background

- Presently on- and off-peak values only
- Function of load variations
- Analyze based on operational experience
- Need to acquire appropriate amount of regulation
- Generators must follow dispatch signals

# Drivers and Analytical Enhancements

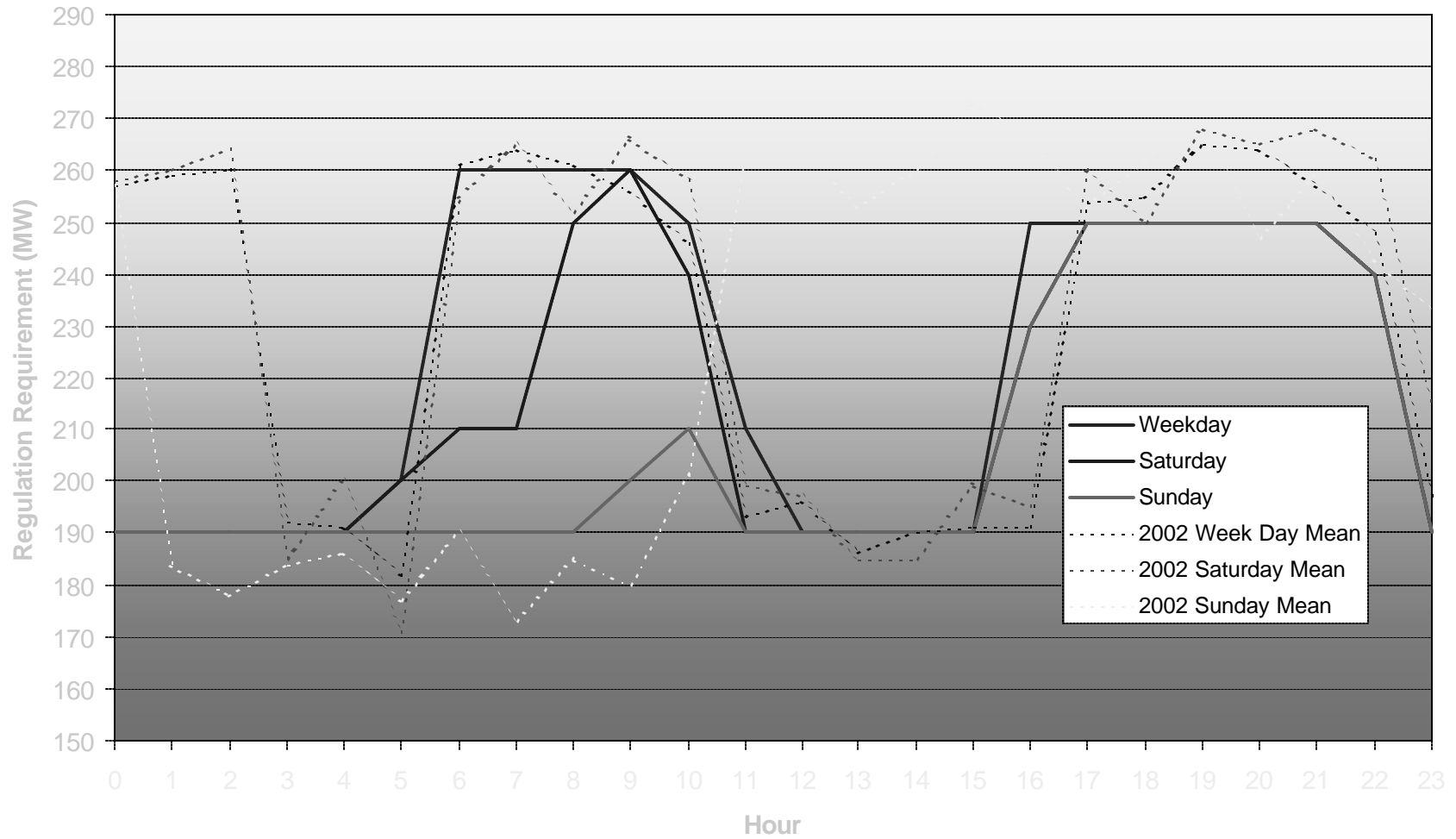
- CPS2 performance is high since 2000
- RPU's still required in some hours
- Unit performance tracking improved
- Regulation (reserve) sharing through ADI
- After the fact performance analysis

# Regulation Performance Evaluation

- Analyze daily load patterns and actual operating results
- Compare historical performance
- Analyze generator performance
- Analysis of CPS
- Adjust up or down, as necessary
- Develop appropriate regulation requirements



NYISO Reg Reqt - for implementation June - August period  
compared with Actuals in 2002



# Action Plan

- Institute variable regulation requirements (on or about August 1).
- Analyze daily load patterns and actual operating conditions to evaluate regulation requirements.
- Track regulating unit performance
- Closely track CPS performance
- MMU will contact generators with  $PI < 80\%$
- Vary on seasonal and time of day basis.
- Post requirements