

# External Transaction Enhancement

## *NYISO Update*

presented by

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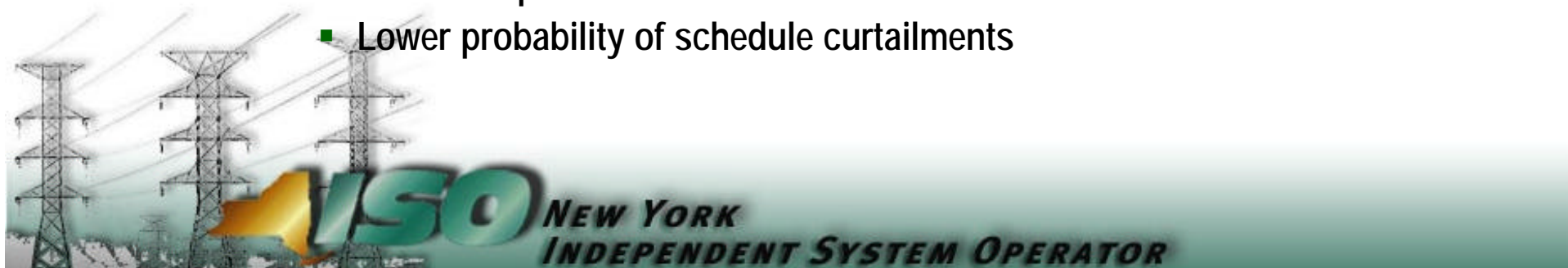
# Facilitation of External Transaction

- ✘ Existing Concerns Regarding External Transactions
  - ✓ *Congestion cost uncertainty between NY DAM/HAM, HAM/Real-time*
  - ✓ *Frequency of physical curtailment of Day-ahead Schedules*
  - ✓ *Perceived loss of market liquidity*
  - ✓ *Inability to manage risk*
- ✘ Contributing Factors
  - ✓ *NYISO hourly evaluation & FERC mandated financial substitution*
  - ✓ *Check out inconsistency*
  - ✓ *Ramping limitations*
  - ✓ *Notification*



# NYISO Software/Procedure Enhancements to Address Customer Concerns

- ✘ Improvements in proxy bus price consistency with Dec-bid evaluation
  - ✓ *Unit commitment. Software modified to determine the amount and prices for external transactions at the same point in the commitment calculation (i.e.. Bid load commit/dispatch passes – see figure)*
  - ✓ *External ramping constraints to be included in proxy price calculations*
- ✘ Enhancements to Day-Ahead Transaction Management
  - ✓ *Market Interface System (MIS) to designate resulting DAM schedules as “must run” relative to HAM evaluation*
  - ✓ *Less transactions to evaluate in HAM*
    - Better check-out
    - Better ramp-limit coordination
    - Lower probability of schedule curtailments



# NYISO Software/Procedure Enhancements to Address Customer Concerns

- ✘ Enhancements to Customer Notification
  - ✓ *Software modifications to allow for extraction of transaction specific information related to change or curtailments (early June 2000)*
  - ✓ *External ramping constraints to be included in proxy price calculations*
- ✘ 5<sup>th</sup> Operator Desk
  - ✓ *5<sup>th</sup> desk to work directly with Generator Plants to facility scheduling, derates, etc.*
  - ✓ *Transmission desk will then be available to address questions/problems raised by transmission customers*
- ✘ Other “seams” issues being pursued through MOU discussions

