NEW YORK STATE
TRANSMISSION ASSESSMENT
AND
RELIABILITY STUDY
“STARS”

NYISO Operating Committee

November 17, 2008
STARS

- Purpose
- Participants
- Study Scope
- Study Time Line
- Compliance with FERC Order 890
- Outreach
Purpose

Identify New York Transmission Owners’ potential projects that may help meet the transmission needs of New York State for many decades to come:

- Reliability
- Renewable resources
- Imports from Canada
- Congestion
- Transfers between regions
- State and Federal Policy Goals
- NYISO Wind Study
- “Bottling”
Participants

Owners of the study - New York State Transmission Owners
– Central Hudson Gas & Electric
– Consolidated Edison/Orange & Rockland
– National Grid
– NYSEG/RGE
– New York Power Authority
– Long Island Power Authority

Market Participants input welcome
– NYISO Management Committee
– NYISO Operating Committee
– NYISO Transmission Planning Advisory Subcommittee
– NYISO ESPWG
– Email to
  • hgmasti@energyeast.com
  • Arnie.Schuff@nypa.gov
    – We will send comments to the NYISO and ask to be posted
Study Scope

Phase I
- Modeling assumptions
- Potential upgrades for “as found” 2008 system
- Base scenarios for 2018 and 2028
- Order of magnitude cost estimates/benefits

Phase II
- Screen potential upgrades to BPS and non-BPS to improve transfers.
- High level screening to incorporate condition assessment in affected areas
- Order of magnitude cost estimates/benefits
- Decision Point
Study Scope

Phase III

– More detailed assessment of synergies between replacements and upgrades
– Sensitivities such as load, new resources, resource retirements, environmental impacts etc
– Economic analysis
– Transmission expansion requirements
– Cost/Benefit analysis
– Identify alternative transmission options
Study Time Line

**Phase I – 2008/2009**
- Issue RFP (1) 4th Quarter
- Select Vendor 4th Quarter
- Complete 1st Quarter

**Phase II – 2009**
- Potential projects 2nd Quarter

**Phase III – 2009/2010**
- Refine Study 3rd Quarter
- Complete 1st Quarter

Note: (1) RFP is on the NYISO Website:
https://www.nyiso.com/public/services/planning/stars.jsp
Compliance with FERC Order 890

• Follow NYISO guidelines on CEII information
• Provide transmission study contact information
• Periodic updates presented at NYISO meetings
• Provide draft studies and results for comment
• Post study information on NYISO website
• Comments discussed at NYISO meetings
• Post written comments on NYISO website
• Post responses to stakeholder written comments
Outreach

New York Governor’s Office
New York Department of Public Service
Federal Energy Regulatory Commission
Key State Legislative Leaders
Department of Environmental Conservation
NY Independent System Operator
NY State Reliability Council
NYISO Committees