

**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