

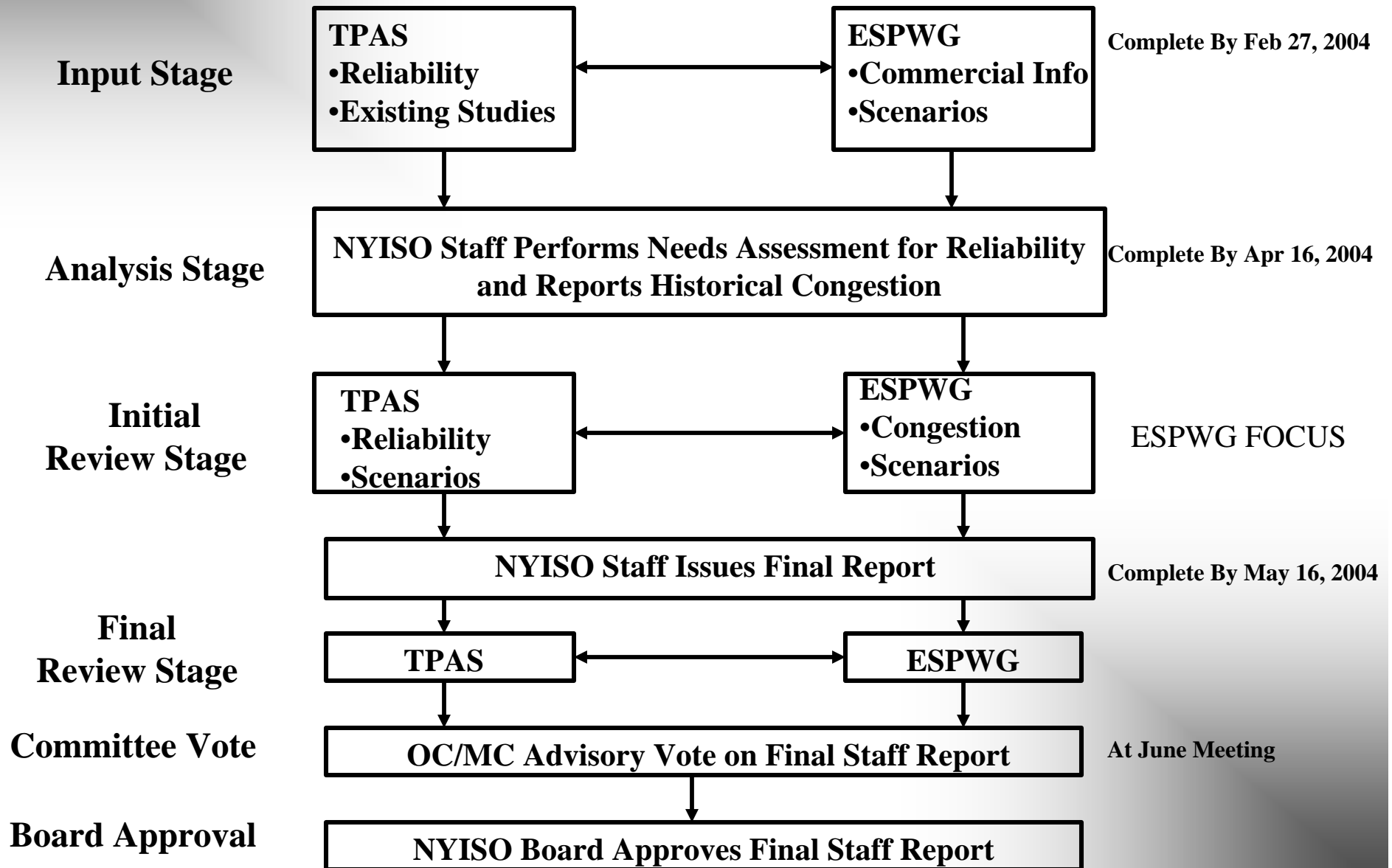
# **ESP Working Group INITIAL PLANNING PROCESS Scheduling and Implementation**

By  
William A. Lamanna

TPAS  
March 1, 2004  
Albany, New York

Draft For Discussion Purposes Only

# NYISO Initial Planning Process: Stakeholder Participation



## **NYISO Initial Planning Process: Input Stage Status**

- Existing Reliability Assessments Complete, Sets Baseline for first five years
- 2003 ATR In TPAS Review
- Ten Year Out Load Flow Case in Final Review
- Finalize Stakeholder Plans/Inputs
  - Official Email Request Sent to TPAS and ESPWG
  - Followup Today and at TPAS Next Week/Roll Call
- ATRA Not Done For First Five Years
  - Short Circuit Analysis Started
  - Baseline Resource Adequacy Analysis ( MARS ) Completed

## **NYISO Initial Planning Process: Input Stage Status/ Stakeholder Roll Call**

- Transmission Owners
- Generation Owners and Developers
- Merchant Transmission Developers
- Demand Response Providers
- Others

## NYISO Initial Planning Process: Scenario Analysis

- From Issues Impact Matrix and Screening Analysis Develop up to Five Scenarios for Analysis
- Three Scenarios Initially in Development Stage
- Fuel Diversity
- High Load
- Generation at Risk
  - Retirements
  - Environmental Regulations
  - Revenue Shortfalls

## NYISO Initial Planning Process: Scenario Analysis/Fuel Diversity

- Proposed as Downstate Generation Impact Analysis
- For Transmission Assessment
  - Loss of Plant EC Done as Part of Present Process
  - Larger Contingencies Evaluated ?
  - Base Case Dispatch Variation to Assess Generation
- For Resource Adequacy Assessment
  - For Initial Process Only do Generation Impact
  - Other Techniques ( Probabilistic ) Recommended for Future Study

## **NYISO Initial Planning Process: Scenario Analysis/High Load Forecast**

- High and Low Load Forecast Developed by LFWG
- High Load Forecast to be Assessed
- If High Load Forecast Shows Violations, Other Assessments Will be Performed in Scenarios
- Load Forecast to be Finalized This Week

## NYISO Initial Planning Process: Scenario Analysis/Generation at Risk

- Existing Generation
  - Decide Based on Age, Fuel Type, Location ( Zone )
  - Retired to Achieve Target Reserve Level
- Future Generation
  - Class 02 and 03 Have Not Completed Cost Allocation
  - Include Units Only Under Construction
  - Develop Milestone Schedule Probabilities
  - Impact of Schedule Slippage



## **NYISO Initial Planning Process: Comments on Report**

- Main Report Character of Between Engineering Study/Power Alert ( More Audience, Read More Like Novel )
- Most Detail in Appendices
- Include a Forward/Preamble Section as Well as Introduction
- Group ?