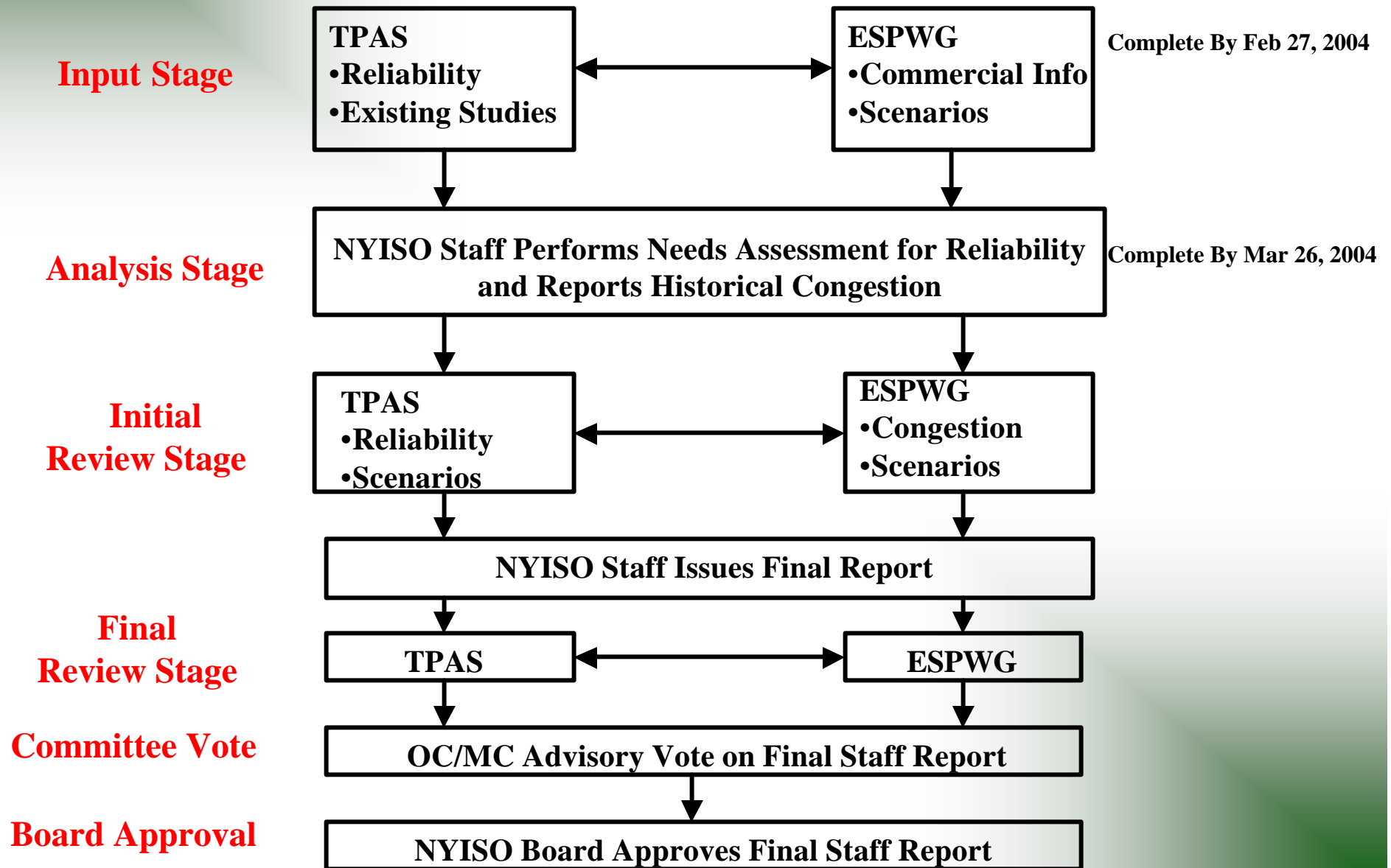


# **ESP Working Group INITIAL PLANNING PROCESS Scheduling and Implementation**

By  
William A. Lamanna

ESPWG  
February 9, 2004  
Albany, New York

# 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 Completed, In Review
- Plans Identified Through Normal Processes ( Databank, NPCC BCD, NERC MMWG, Statewide Short Circuit Databse, Load and Capacity Report, MARS Database)
- Need to Identify Plans Outside of Normal Processes
- Need to Finalize TO Plans/Inputs
  - Official Email Request for 10 Year Out Case Sent to TOs
  - Email Request to TOs to Identify Constraints Leading to Load Pockets or Bottled Generation ( Locational Study )
- ATRA Not Done For First Five Years
  - Short Circuit and Resource Adequacy Analysis Started

## **NYISO Initial Planning Process: INPUT STAGE ISSUES**

- Identifying Plans Outside Normal Processes
- Mixed Response to Locational Study Request

Confidential

NYISO Should Study

Request Through TPAS

- Discuss Today and Followup With Request to TPAS and ESPWG

## NYISO Initial Planning Process: Resources Issues

- Modeling of DC Lines
  - Existing as per IRM Study
  - Future as Generator with 10 percent FOR
- EDRP and SCR as per Gold Book
- Wind at Existing for Baseline
  - Scenario of 300 MW if Needed in L&C
- Transfer Limits Assumed Constant for Initial Baseline
- New Units Modeled with Class Average FORs.

## NYISO Initial Planning Process: Scenario Analysis Definition

- From Issues Impact Matrix and Screening Analysis Develop up to Five Scenarios for Analysis
- Initial Discussions Point to Three Scenarios
- Fuel Diversity
- High Load
- Generation at Risk
  - Retirements
  - Environmental Regulations
  - Revenue Shortfalls