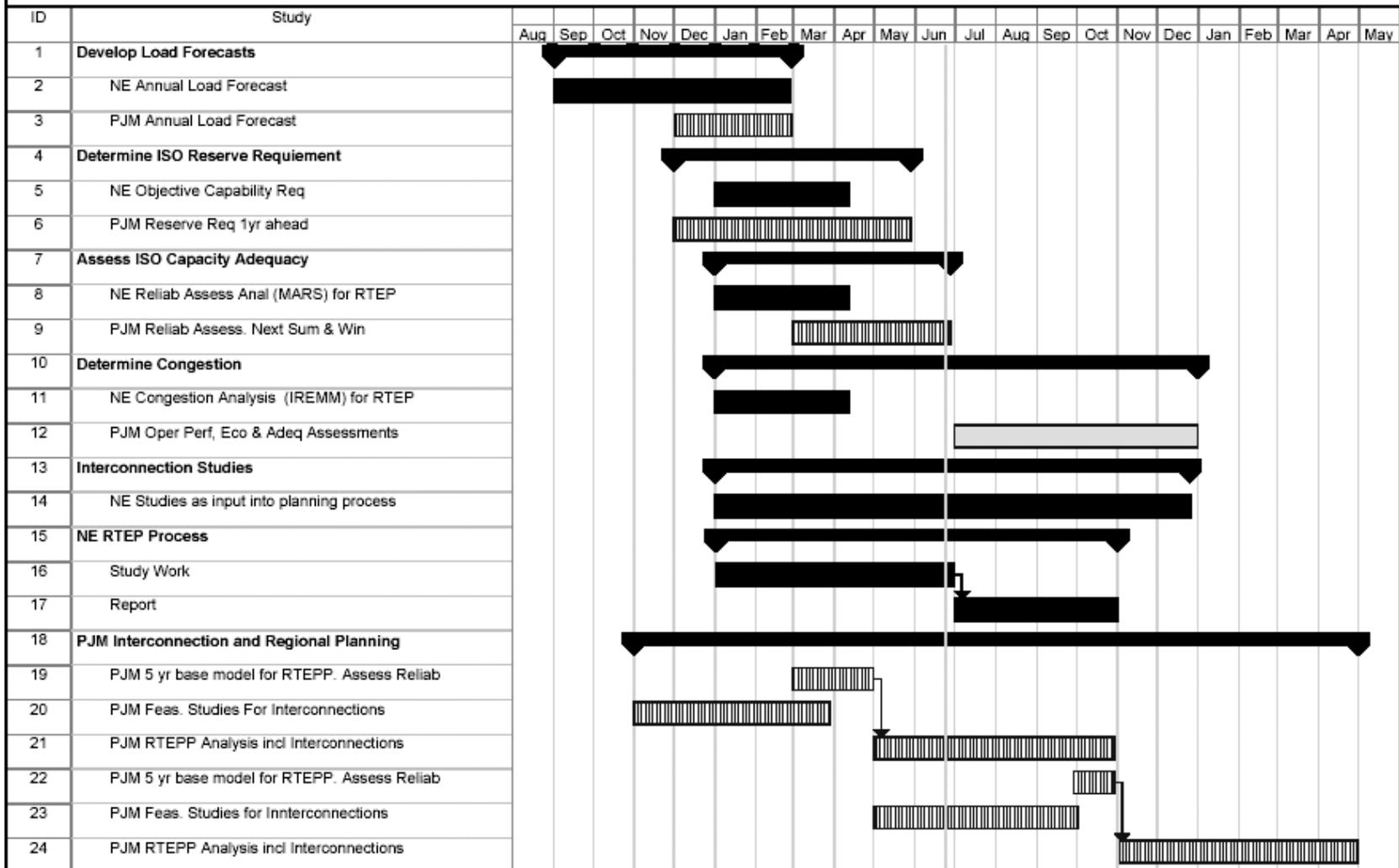


Comparison of Planning Procedures

PJM and ISO-NE

NE_PJM_planning_Studies.mpp



Project: NE_PJM_planning_Studies
Date: Tue 6/24/03

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

Load Forecasts

➤ New England

- *CELT Report*
- *DOE-EIA 411*

➤ PJM

- *PJM Load Forecast Report*
- *DOE-EIA 411*

NE and PJM IRM & Resource Adequacy

- **Installed Reserve Margin/Objective Capability**
 - *Assessments conducted with single and/or two area analytical approach*
- **Resource Adequacy**
 - *Monte Carlo multi-area analysis used in NE RTEP*
 - *PJM has licensed the multi-area approach*

Congestion Analysis

- **NE RTEP Congestion Analysis Is Forward Looking**
 - *The Inter-Regional Electric Market Model is used to conduct the analysis*
- **Congestion Analysis Currently Does Not Appear To Be An Integral Element Of The PJM RTEP**
 - *PJM congestion analysis is historical*
 - *PJM “economic planning” compliance filing*

NE RTEP Process

➤ NE RTEP Process Includes:

- *Transmission System Analysis*
- *Resource Reliability Analysis*
- *Demand Response Analysis*
- *Congestion Analysis*
- *Generator Emissions Assessment*
- *Interconnection Process is an input*

PJM RTEP Process

- PJM RTEP Process Built Around The PJM Interconnect Process.
- PJM RTEP Process Includes:
 - *Baseline reliability assessment*
 - ▶ Load deliverability test as reliability criteria – i.e., $CETL \geq CETO$
 - *Generator interconnection process*
 - ▶ Generator deliverability test as reliability criteria

NY Initial Process

- **How Does The NY Initial Process Compare to our Neighbors?**
 - *It starts with the interconnection process like PJM but would incorporate analysis of issues to provide additional information to the market similar to NE. E.g.:*
 - ▶ A forward looking assessment of congestion
 - ▶ Load forecast uncertainty
 - ▶ Fuel diversity
 - ▶ Etc.