

Operations Reactive Studies

*Status Report to NYISO
Business Issues Committee
Agenda #7
September 2003*

Work completed in 2002

- **Load Power Factor Assessment**
 - *Analysis Procedure developed*
 - *Peak load analysis complete*
 - *Draft report ready for OSTF review*
- **Audit of VSS compliance – continuing**
- **Review of other Markets' VSS**
- **Procedures development**
 - *Real-time support and response – procedure review*
 - *Capability testing*
 - Updated Technical Bulletin #91 (Annual Testing)
 - New Technical Bulletin #103 (Qualification)

Long-term VSS restructuring issues

- Issues developed from review of other VSS
 - *Should all generators be required to provide test data regardless of VSS status (PJM, ISO-NE)*
 - *Should VSS compensation be based on performance rather than capability?*
 - *Should all generators be required to provide a full range of reactive (.95 lead to .95 lag) capability? (ERCOT)*
 - *Locational Reactive requirements caused by load compensation issues*

VSS Outlook for 2004

- Need to resolve key issues to develop a new VSS
 - *Resource, demand issues needs to be fully developed*
 - *Load power factor compensation issue needs full review by Operations and Planning interests*
- *Interim recommendation: continue current fixed level of compensation (\$3919/MVAr-yr) pending completion of studies and development of comprehensive VSS proposal*