



# Ancillary Services Manual

**Business Issues Committee**

**October 26, 2005**

# History

- **Previous version was finalized on 4/6/2004**
- **This version reflects changes introduced with RTS and incorporates Technical Bulletin #71 (Multiple Ramp Rates)**
- **Posted 4/29/2005 for review**
  - *5/24/2005 posting: incorporate comments*
  - *7/19/2005 posting: incorporate comments*
  - *9/2/2005 posting: incorporate comments*
  - *10/5/2005 posting: language, punctuation, typographical errors*
- **MSWG review: 10/20/2005**
  - *Minor changes were suggested*
  - *Consensus to recommend BIC acceptance with the understanding that the minor changes would be made*
- **SOAS review: 10/24/2005**
  - *Minor changes were suggested*
  - *Consensus to recommend OC acceptance with the understanding that the minor changes would be made*

# Minor Changes Pending

- **§4.3.1 Generating Unit Operating States**
  - *Include “Fixed/Flexible” terminology with “Off-dispatch/On-dispatch” terminology*
  
- **§4.3.5 AGC & RTD Program Response**
  - *Fix confusing paragraph describing AGC behavior when ACE is very small*
  
- **Table 6.2-1 Ancillary Service Bid Representation**
  - *Replace with less confusing table showing eligibility to provide ancillary services*
  
- **Appendix B: AGC Functional Requirements**
  - *Pg B-5 describes AGC behavior under RTD-CAM’s Reserve Pick-up and Max Gen Pickup modes. Other RTD-CAM modes should be mentioned.*
  
- **Several typographical errors were found**

# Major Changes for Next Version

- **§3 Voltage Support Service**
- **§7 Black Start Service**