Implementation of Persistent Dragging for Gas Turbines

- NYISO presentations to S&P and BIC 12/13/02 on persistent dragging implementation stated that "GT's too numerous deltas too small" to manage with manual derates

- NYISO was to resolve the problem by automatically derating units so that UOL = actual generation after a set number of SCD cycles

- NYISO implemented solution

- NO technical bulletin currently issued to further explain generator actions

Current NYISO Implementation

- NYISO derates GTs for dispatch after they reach 70% of UOL (S&P 06/27/03)

- LIPA believes that if GT is derated by NYISO then GT should not be subject to persistent undergeneration charge if it is operating at its derated level

- LIPA has recently called NYISO operations staff to report GT derates and NYISO staff has said this is not necessary with GT dragging implementation

- NYISO continues to assess persistent undergeneration charges based on UOL before derate.

NYISO Presentation to BIC on 12/13/02

PROPOSED GT SOLUTION

- SYSTEM GENERATED SOLUTION
- ISO WILL DE-RATE UNITS
- WILL APPLY TO GAS TURBINES – INDIVIDUAL UNITS AND SITES
- WILL IDENTIFY GTs PERSISTENTLY UNDERGENERATING
- AFTER x NUMBER OF SCD INTERVALS, UOL = ACTUAL GEN
- DERATE REMAINS TILL DAY'S END
- OWNER CAN RE-ESTABLISH UOL THROUGH CONTACT WITH SYSTEM OPERATOR

Proposed LIPA Resolution

- Persistent undergeneration charges for GTs should be based on derated capacity per BIC approved GT dragging implementation

- Still allow GTs to call in manual derates as necessary

- Technical Bulletin should be issued