

Mitigation in the RPM Incremental Auctions

RPMWG August 14, 2007 Joseph Bowring Market Monitor





- Supply
 - Base auction clears capacity offers in merit order
 - Least expensive capacity purchased to meet demand
 - Remaining capacity is high end of supply curve
- Demand
 - Risk to buyers in incremental auction is paying a penalty
 - Penalty is greater of two times the clearing price or the cost of new entry
 - Buyers have no information about supply offers other than the posted base auction supply curve and the cleared price and quantity
- Clearing price in incremental auction
 - Equals market value
 - Competitive outcome



RTO supply/demand curves: 2007-2008 RPM auction





- Demand curve one (green)
 - All buyers bid the penalty level
- Demand curve two (red)
 - Some buyers bid penalty level
 - Some buyers bid less than penalty level





RTO incremental supply/demand curves - hypothetical





- Market power mitigation provisions of tariff apply to all auctions
- Result is competitive outcomes in all auctions
- No reason to modify market power mitigation provisions of tariff

