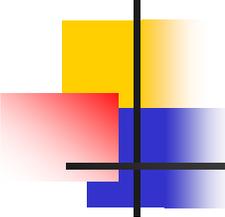


Changes to MidAmerican Energy's Draft Local Transmission Planning Process

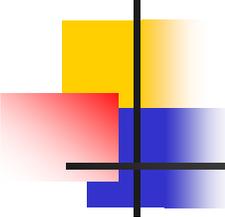
Tom Mielnik
Manager
Electric System Planning

FERC Technical Conference
Boston, MA
October 15, 2007



MidAmerican's Draft Local Transmission Planning Process

- MidAmerican held a May 1, 2007 stakeholder meeting in Ankeny, IA
- MidAmerican posted a Strawman on May 29, 2007
- MidAmerican presented at the FERC Technical Conference in Pittsburgh on June 29, 2007
- MAPP Public Meeting in Bloomington, MN on September 7, 2007
- TranServ/MidAmerican Stakeholder Meeting in Waverly, IA on September 12, 2007



MidAmerican's Draft Local Transmission Planning Process

- Addresses the Planning Principles Outlined in FERC 890 and the FERC Staff White Paper
 - Coordination and Openness
 - 13.3 Stakeholder Process
 - 13.4 Ad Hoc Study Group Process
 - Transparency - 13.5
 - Information Exchange – 13.6
 - Dispute Resolution – 10



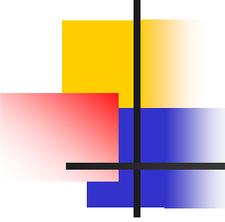
MidAmerican's Draft Local Transmission Planning Process

- Addresses the Planning Principles Outlined in FERC 890 and the FERC Staff White Paper
 - Regional Participation – 1 through 12
 - Economic Planning Studies – 13.7
 - Cost Allocation – 13.8
 - Comparability – Multiple Sections



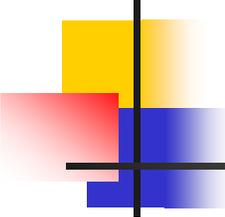
Changes to MidAmerican's Draft Local Trans. Planning Process

- Changes to respond to FERC Staff Comments in Pittsburgh
 - Form of Tariff Language
 - MAPP template for regional planning
 - Local Planning Scope (versus Regional Planning)
- Provided details to respond to FERC Staff's White Paper



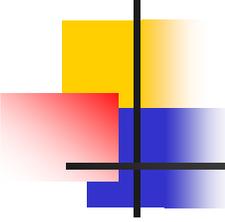
Changes to MidAmerican's Draft Local Trans. Planning Process

- Changes to respond to Stakeholder Comments in Pittsburgh
 - Added “Comparable Long-Term Planning for Network Customers and Native End-Use Load” to Process Scope
 - Added provisions for data request to transmission customers prior to expected transmittal of regional data submittal to Information Exchange
 - Added to typical meeting agenda, discussion of:
 - Operating Guides, Application, and Comparability
 - NERC, regional, and MidAmerican transmission planning criteria, criteria application, and comparability
 - Stakeholder issues with results or process
 - Increased minimum stakeholder meetings from one to two



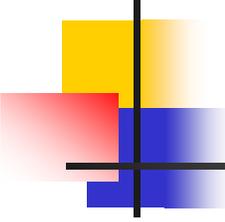
Changes to MidAmerican's Draft Local Trans. Planning Process

- Changes to respond to Stakeholder Comments in Pittsburgh (Continued)
 - Added provisions for providing MidAmerican regional model data submittal to stakeholders
 - Provide congestion information to stakeholders prior to meeting to discuss topics for economic studies
 - Economic studies ranked based upon customer support
 - Economic ranking process based upon customer input
 - Cost Allocation details provided so as to reduce the hurdle of building to resolve economic issues.



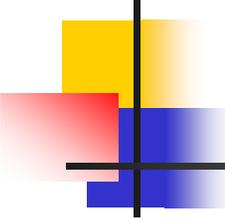
Changes to MidAmerican's Draft Local Trans. Planning Process

- Scope of Proposed MidAmerican Process
 - Two year planning cycle with annual long-term planning assessments
 - Serve native end-use load and firm transmission commitments
 - MidAmerican plans for submittal to regional process
 - MidAmerican plans to solve local transmission issues



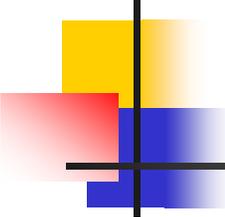
Changes to MidAmerican's Draft Local Trans. Planning Process

- Stakeholder Process and Procedures
 - Proposed MidAmerican Transmission Planning Stakeholder Meetings to discuss and resolve issues with:
 - Upgrades
 - Constrained Facilities
 - System Problems
 - Criteria
 - Methods
 - Operating Guides
 - Process
 - Studies
 - Involve Stakeholders in annual assessment from the start



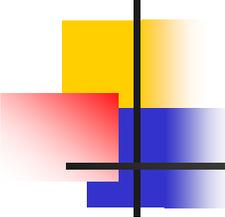
Changes to MidAmerican's Draft Local Trans. Planning Process

- Milestones of Draft Typical Planning Cycle
 - Typically annual assessments for one year followed by detailed planning in the next year
 - Annual assessments conducted every year
 - Overlapping two year planning cycles
- Ad hoc Study Groups available if needed
 - Detailed Planning with Stakeholders involved from the start
 - Stakeholders comment on scope, assumptions, methods, models, and draft studies



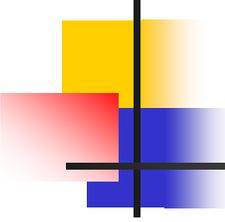
Changes to MidAmerican's Draft Local Trans. Planning Process

- Planning study horizons and study frequencies – per NERC and or regional entity standards
- Augment Regional Information Exchange requirements - Customers asked for additional information prior to regional data submittal
 - Network – Load projections, Demand Response Resources, Generation, Operating Patterns
 - Point-to-Point – Projections of quantifiable service needs



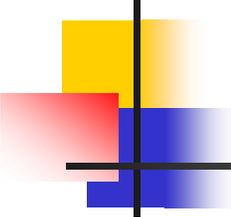
Changes to MidAmerican's Draft Local Trans. Planning Process

- Economic Planning Studies
 - First Stakeholder Meeting of the year – Stakeholder Requests
 - Customers may request MidAmerican coordinate an economic study with neighboring transmission providers
 - Projected benefits typically by comparing one or more of the following:
 - Generation production costs
 - Redispatch costs
 - Transmission Losses



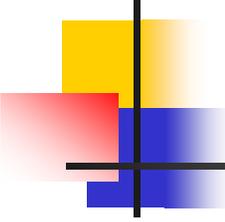
Changes to MidAmerican's Draft Local Trans. Planning Process

- MidAmerican's cost allocation proposal conforms to MAPP's proposal
 - Based on proven principles
 - Flexibility to ensure broad participation in MAPP Region
- MidAmerican will solicit project participation for economic transmission projects
 - on the MidAmerican system
 - through MAPP's procedure for solicitation of subscription rights



Changes to MidAmerican's Draft Local Trans. Planning Process

- When MidAmerican is Affected System Operator for an economic project
 - In MAPP Regional Plan
 - MidAmerican will use recovery mechanism described in Attachment M, Appendix A



Changes to MidAmerican's Draft Local Trans. Planning Process

- Summary

- MidAmerican Local Long Term Planning for MidAmerican transmission facilities
 - Two year planning cycle
 - Annual Long-term Planning Assessments followed by detailed planning
 - Comparable Long-Term planning for Network Customers and Native End-use Load
- Proposed MidAmerican Process to provide for timely and meaningful input from stakeholders
 - Two Stakeholder Meetings (min.)
 - Ad-hoc Study Groups