

Regional Planning at Midwest ISO

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Midwest ISO Planning Objectives

Fundamental
Goal



The development of a comprehensive expansion plan that meets reliability needs, economic needs, and policy needs

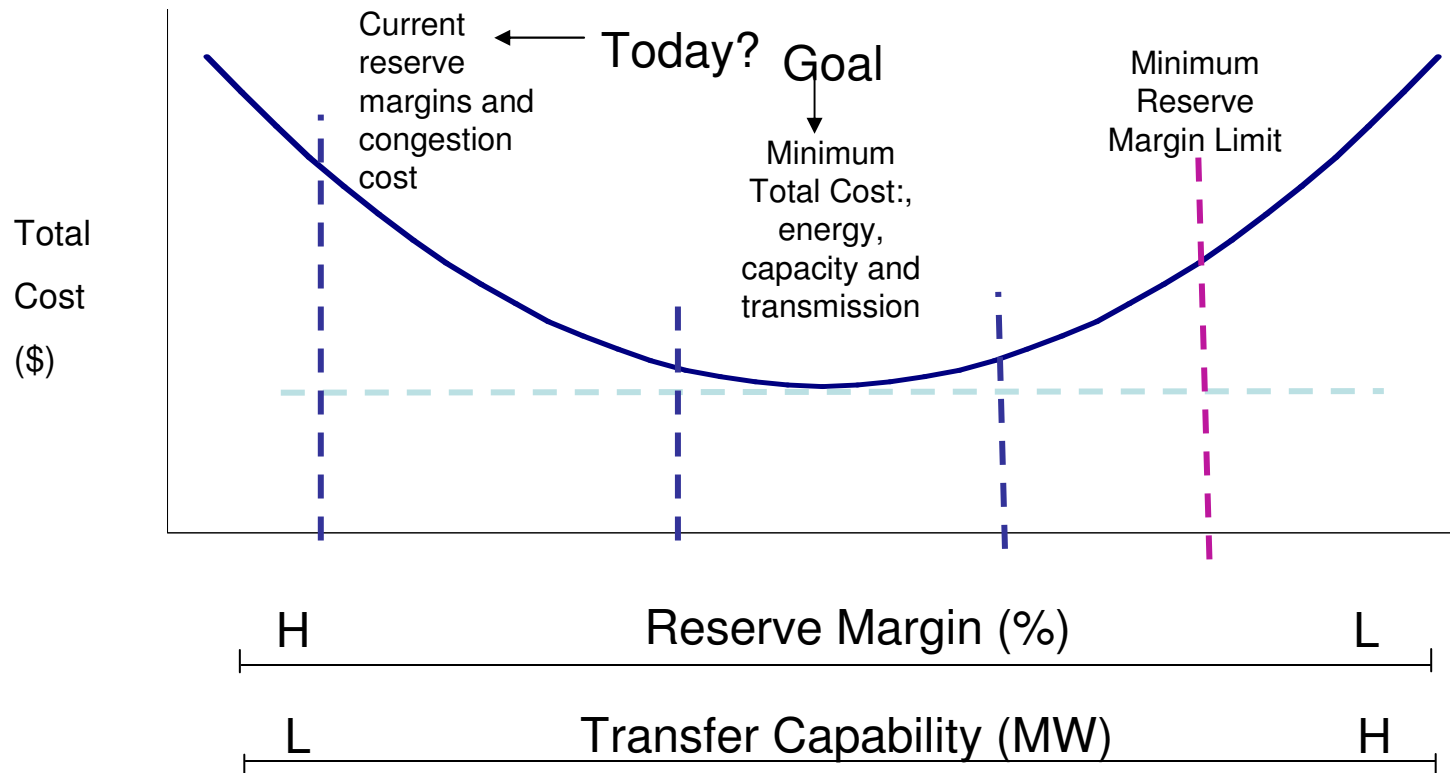
Midwest ISO
Board of
Director
Planning
Principles



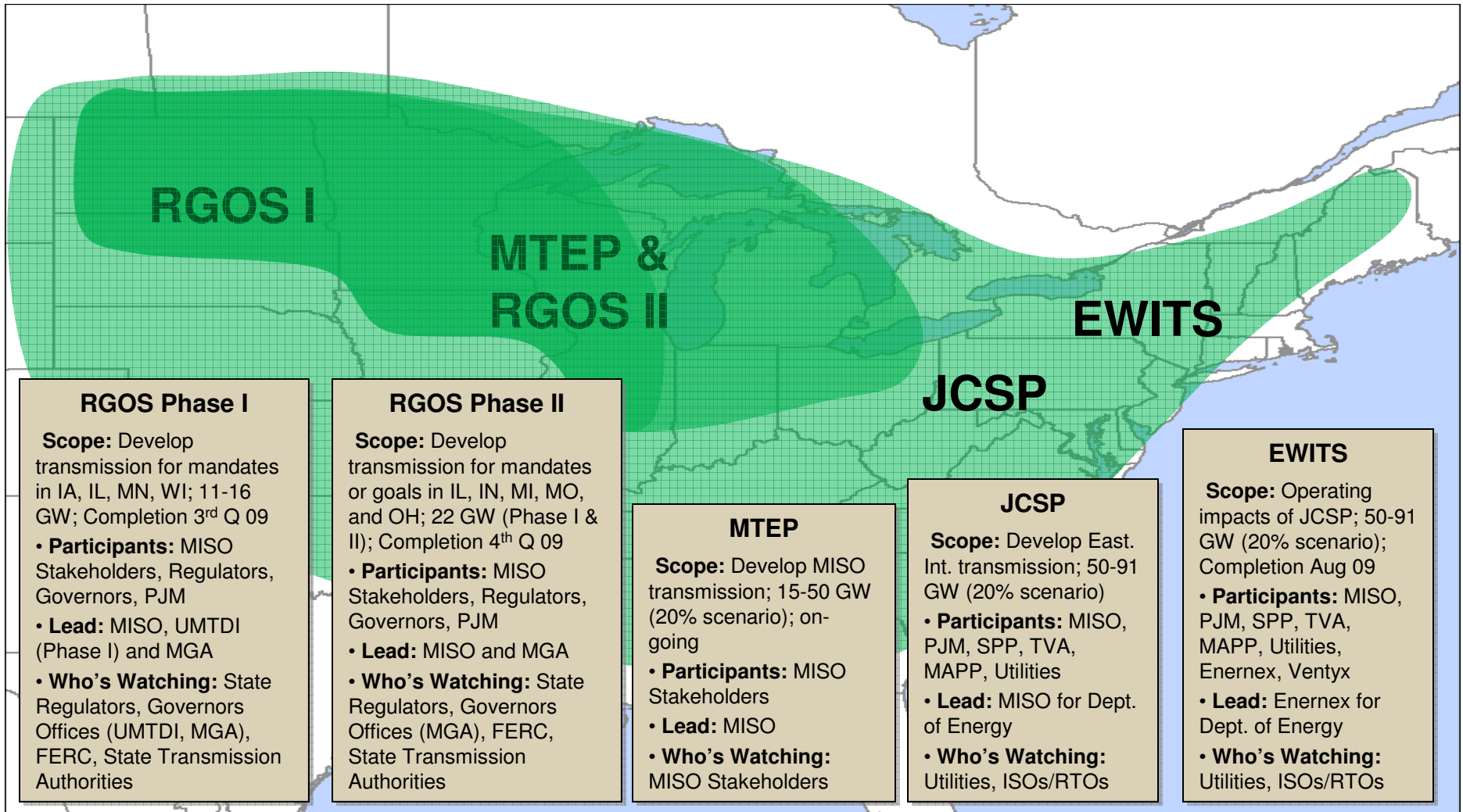
- Make the benefits of a competitive energy market available to customers by providing access to the lowest possible electric energy costs
- Provide a transmission infrastructure that safeguards local and regional reliability
- Support state and federal renewable energy objectives by planning for access to all such resources (e.g. wind, biomass, demand-side management)
- Create a mechanism to ensure investment implementation occurs in a timely manner
- Develop a transmission system scenario model and make it available to state and federal energy policy makers to provide context and inform the choices they face

Balancing Generation and Transmission Investment

Increased transfer capability, in conjunction with appropriately located generation, could allow for reduced reserve margins, and thus reduced overall cost



Midwest ISO is Actively Engaged in Planning from Regional to National Levels



Conceptual Progression of Plans

1 year

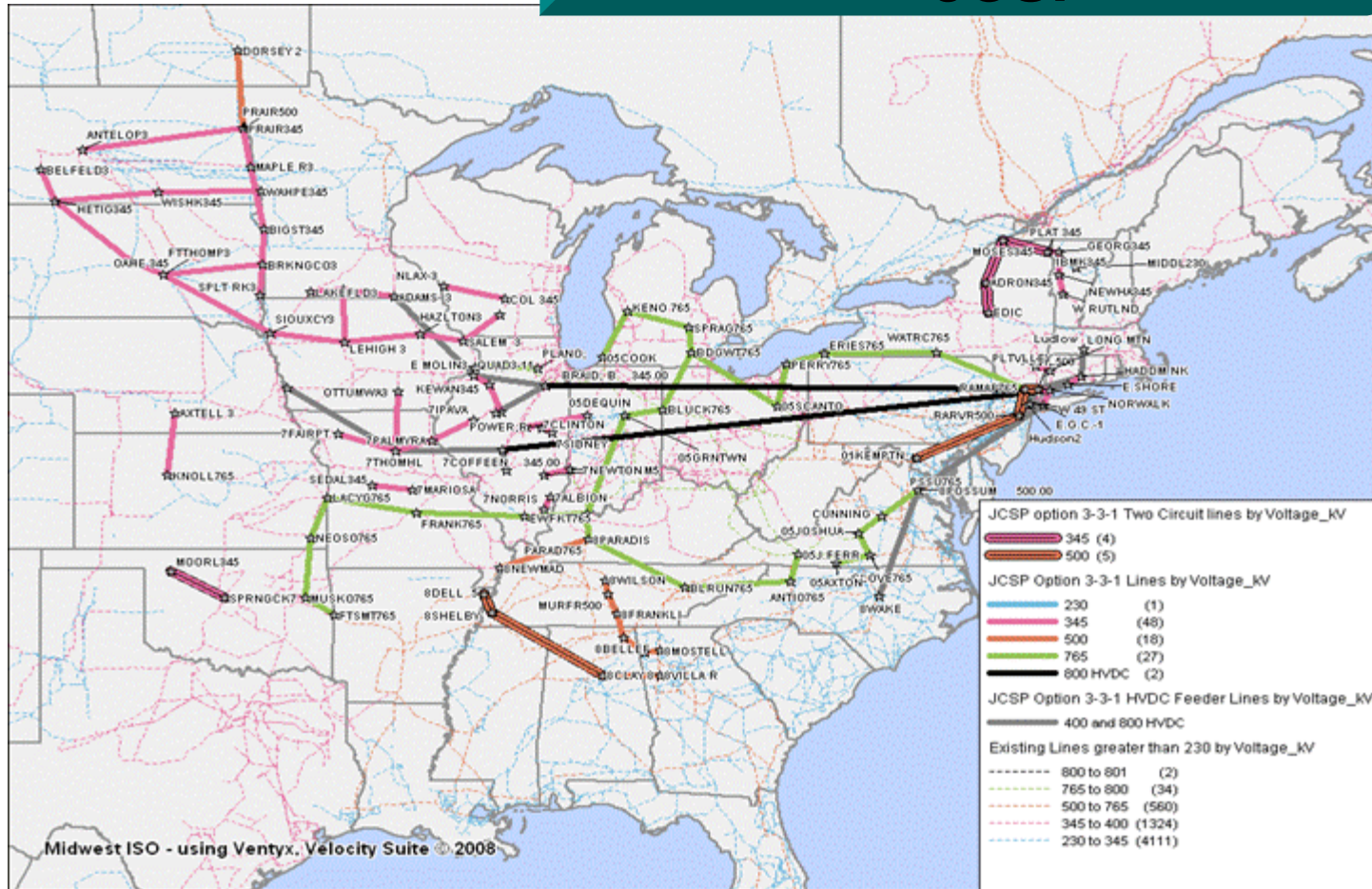
Planning Horizons

20 year

Queue

RGOS

JCSP



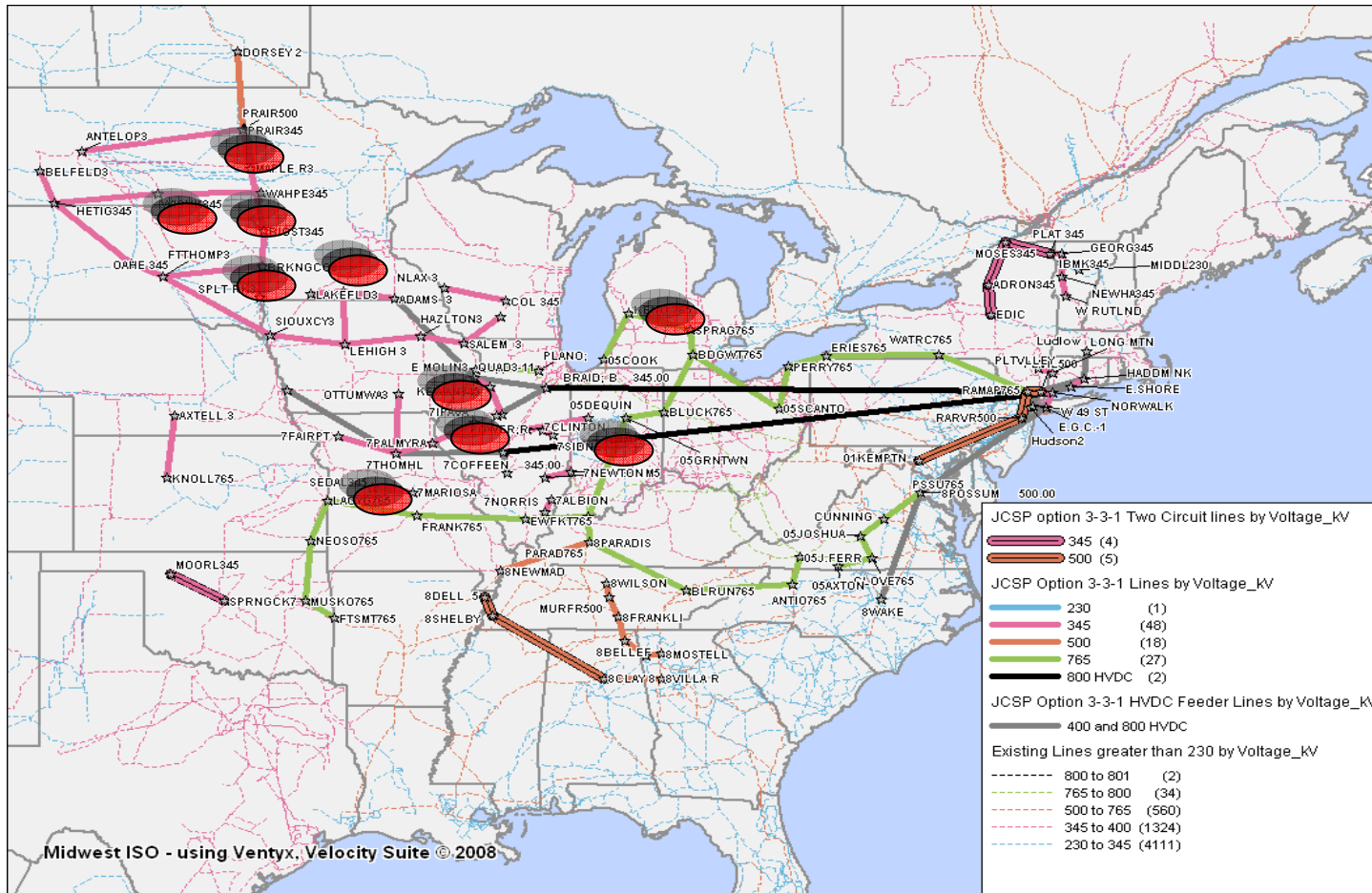
Queue Development Continues with near term upgrades...

1 year

Planning Horizons

20 year

Queue



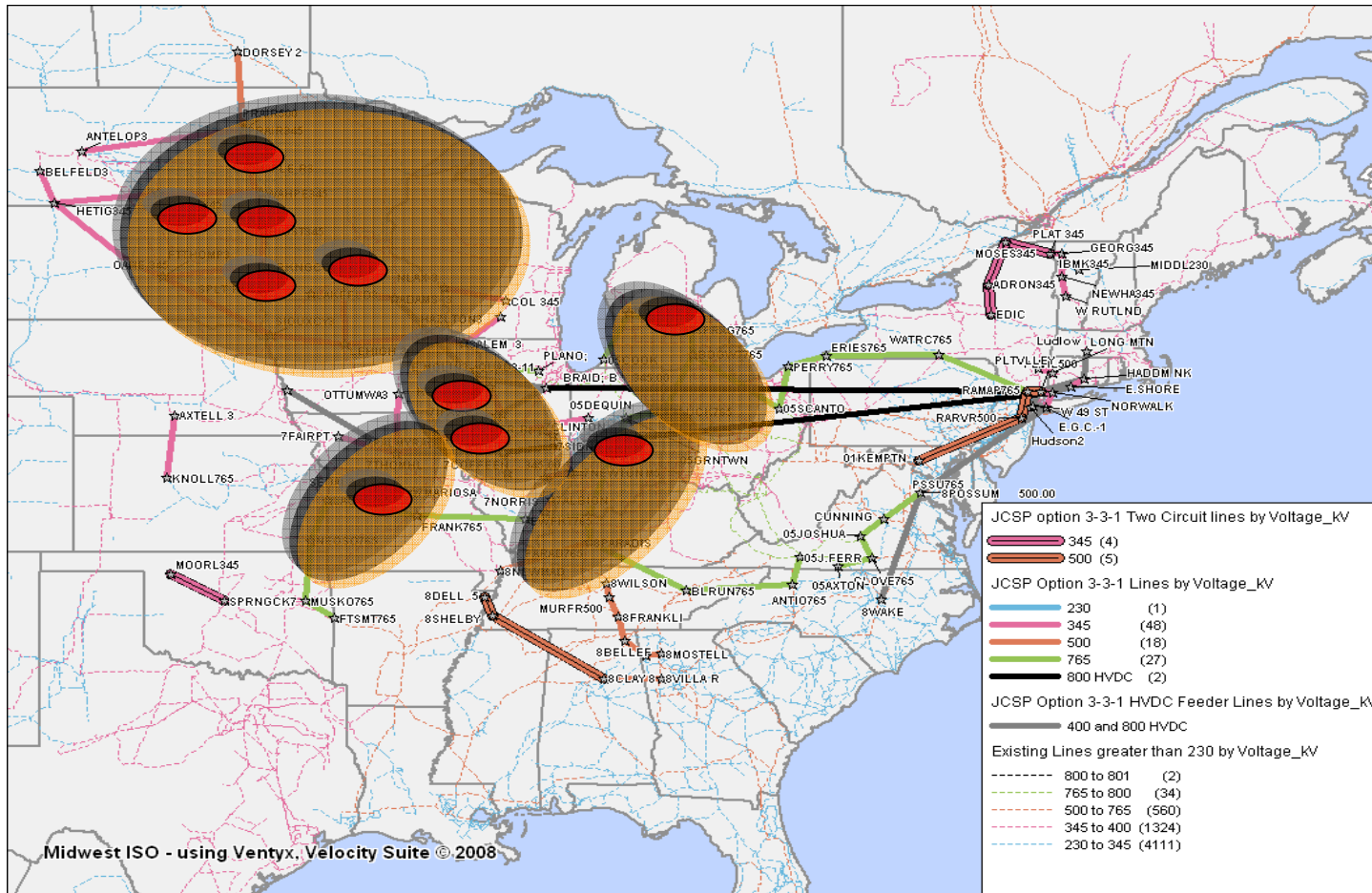
...Until RGOS Aggregate Plans better inform...

1 year

Planning Horizons

20 year

RGOS

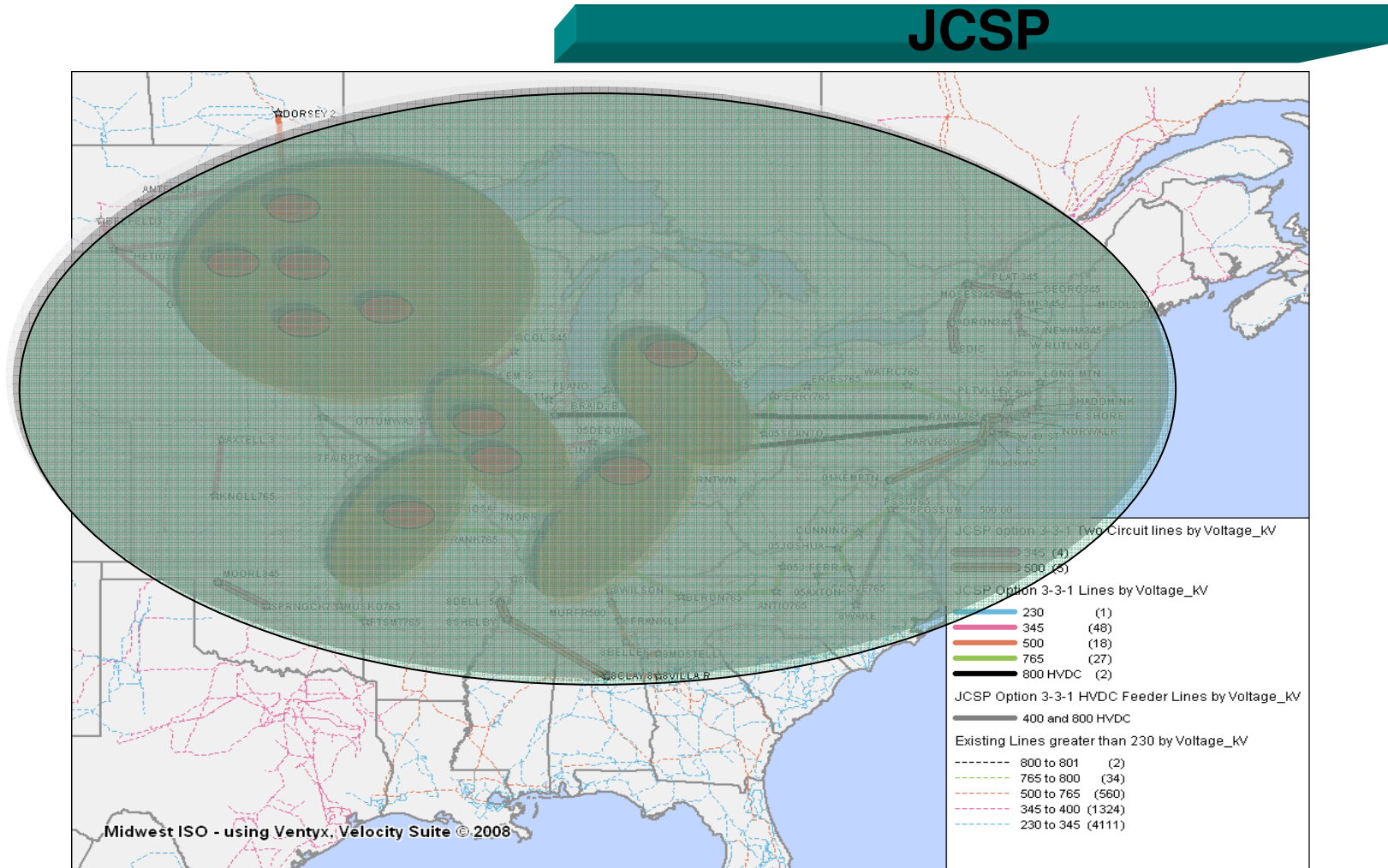


...Consistent with an inter-regional plan with a longer term view

1 year

Planning Horizons

20 year



Conditions Precedent to Increased Transmission Build

- A robust business case for the plan
- Increased consensus around regional energy policy
- A regional tariff that matches who benefits with who pays over time
- Cost recovery mechanisms that reduce financial risk

Questions