

Pseudo-Tie Market Criteria

Tim Horgler
Manager, Interregional Market Ops
URMSTF
December 7, 2016

The following Market Criteria must be met for future Pseudo Tie resources

1. There must be at least one flexible PJM generator* with at least 1.5% impact on any new potential flowgates as a result of the pseudo-tie
 - Current threshold of 1.5% utilized by Operations to dispatch PJM generation for M2M
2. The FFE/FFL for flowgates must transfer to PJM from Host Entity
3. Models for PJM and External Area need to be within 2% accuracy for potential coordinated flowgates

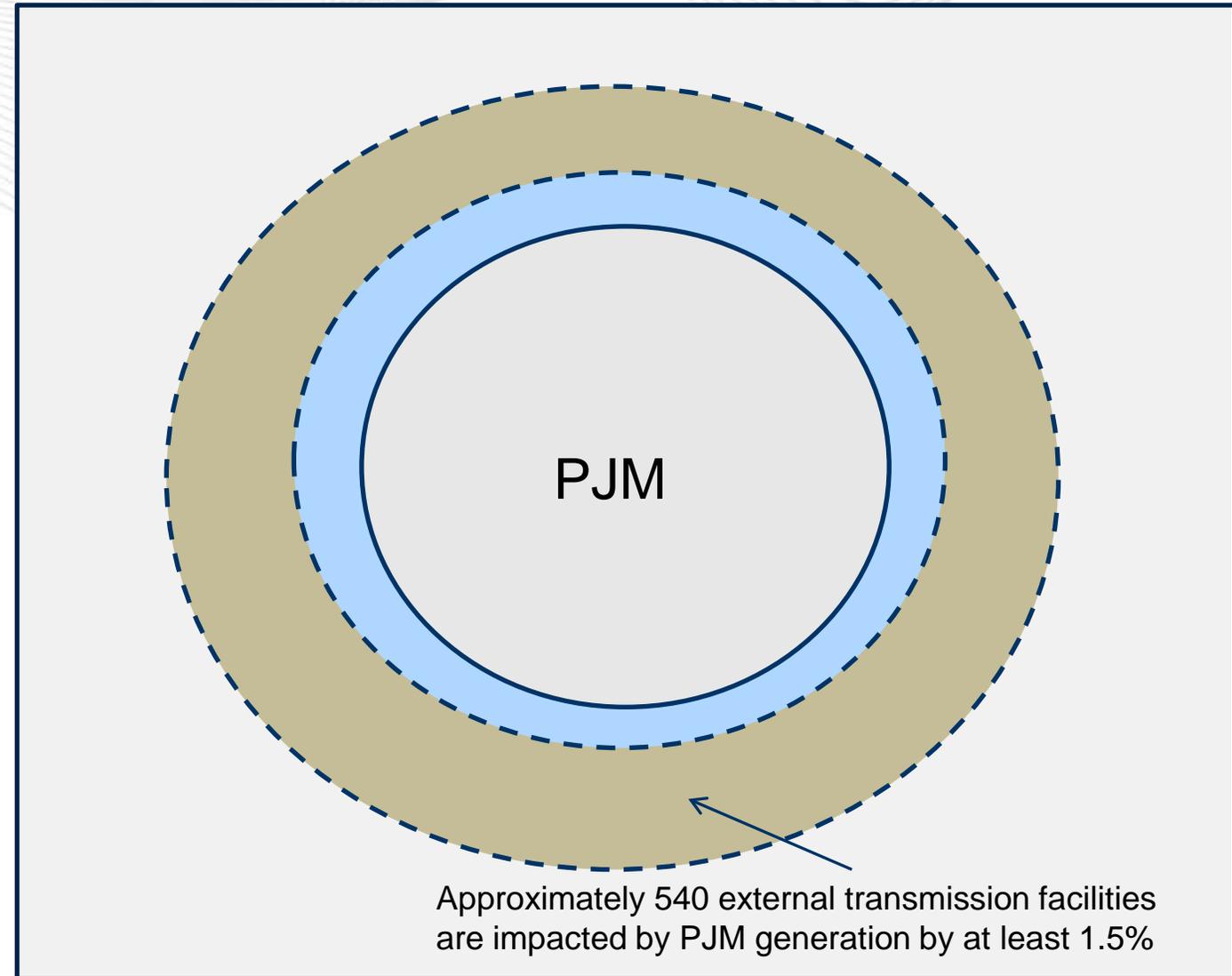
*does not include approved pseudo-tie resources

Area where PJM generation has a minimum of 5% impact

Area where PJM generation has a minimum of 1.5% impact

External Flowgate Coordination

- PJM generation that impacts external transmission (>5%) may result in coordinated external flowgates
- Coordination should not result in less than optimal dispatch
 - ex) Not enough resources to efficiently control for the external flowgate
- If there is no PJM generation absent the pseudo-tie with at least a 1.5% impact on the potential new flowgates then PJM considers this less than optimal dispatch

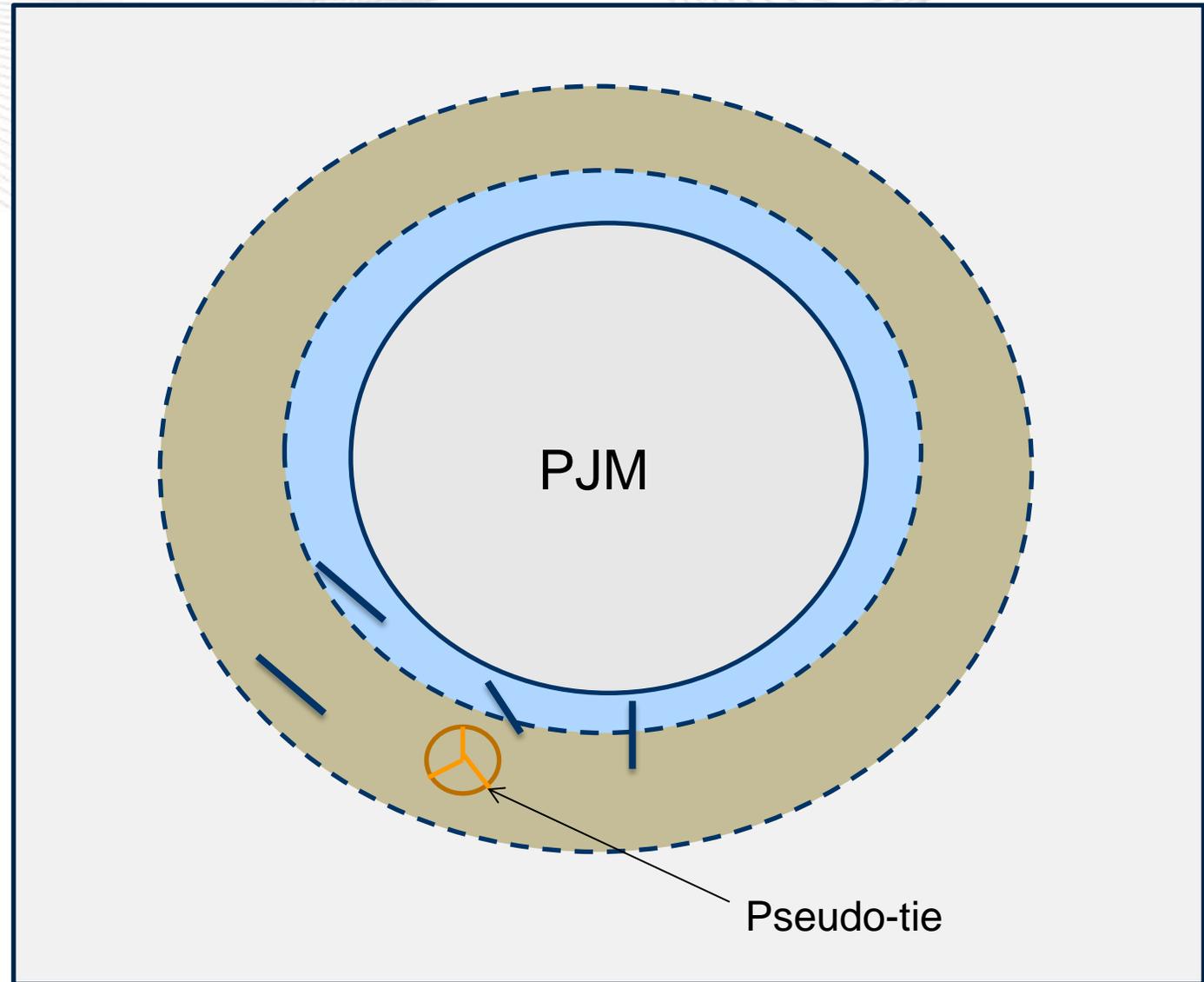


Area where PJM generation has a minimum of 5% impact

Area where PJM generation has a minimum of 1.5% impact

 Potential new flowgates that qualified because of Pseudo Tie

Pseudo-tie passes Market Threshold test because PJM generation has at least a 1.5% impact on all potential new flowgates



Area where PJM generation has a minimum of 5% impact

Area where PJM generation has a minimum of 1.5% impact

 Potential new flowgates that qualified because of Pseudo Tie

Pseudo-tie fails Market Threshold test because PJM generation does not have at least a 1.5% impact on all potential new flowgates

