

Ramping Coordination



**Joint and Common Market
Carmel, IN
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Ramping Coordination: Short-term

- **MISO Ramp Viewer**
 - Providing Market Participants with the ability to view the MISO ramp.
- **Potential Benefits**
 - **Additional Functionality** – Provides market participants with the ability to view information needed to make economic decisions.

Ramping Coordination: Mid-term

- **Central Location**
 - Development of a central location where both PJM and MISO ramp viewers can be viewed.
- **Potential Benefits**
 - **Efficiency** - Avoids the need to navigate to multiple websites to get the information needed to make economic decisions.
 - **Cost Effective** – Relatively inexpensive to create and maintain.

Ramping Coordination: Long-term

- **Common Portal**
 - Develop a common portal to allow market participants to view and reserve ramp in both RTO's simultaneously.
- **Potential Benefits**
 - **Efficiency** – Avoids the need to navigate to multiple websites to reserve ramp.

System Convergence: Costs and Benefits

	Cost		Potential Benefit	
	Ongoing (Incremental \$/year)	Implem- entation	\$ / transaction	\$ / year
Short Term: MISO Ramp Viewer	Current MISO Project	Current MISO Project	Current MISO Project	Current MISO Project
Mid Term: Central Location	~ \$10K	~ \$100K	\$?	\$?
Long Term: Common Portal	~ \$50K	~ \$750K	\$?	\$?