

Joint and Common Market 2006/2007 Milestones

February 28, 2007						
Committed Initiatives						
Activity/Milestone	Planned				Actual	
	Start	Finish	Start	Finish	Joint	
FTR Alignment	Midwest ISO		PJM		Finish	
JCM Lead	E. Skiba		S.Bresler			
Business Area Owner	T.Ramey		None			
Analyze Product	1/17/06	3/28/06	✓	-	-	3/28/06
Stakeholder review	4/1/06	9/30/06	✓	-	-	9/12/06
Submit filing to FERC	1/29/07	1/29/07	✓	-	-	1/29/07
Develop Approach Document for Vendor	2/1/07	3/15/07		-	-	
Design and Development	2/2/07	5/1/07		-	-	
Update Processes/Procedures	4/2/07	8/31/07		-	-	
Build and Test	5/2/07	12/31/07		-	-	
Cutover to Production	1/2/08	3/31/08		-	-	
PJM Marginal Losses	Midwest ISO		PJM		Finish	
JCM Lead	E.Skiba		S.Bresler			
Business Area Owner	None					
Stakeholder review	-	-		5/16/06	10/15/06	✓ 8/3/06
Complete FERC Filings	-	-		10/15/06	1/15/07	✓ 8/3/06
Develop System Requirements	-	-		10/15/06	1/15/07	✓ 12/31/06
Modify Applications	-	-		1/15/07	3/15/07	✓ 1/10/07
Conduct Testing	-	-		3/15/07	5/15/07	
Implement Changes	-	-		5/15/07	6/1/07	
OR and RSG Alignment	Midwest ISO		PJM		Finish	
JCM Lead	E.Skiba		S.Bresler			
Business Area Owner	M.Volpe		None			
Analyze Product	1/17/06	3/28/06	✓	-	-	3/28/06
Stakeholder Review	tbd	tbd		-	-	
Develop System Requirements	tbd	tbd		-	-	
Modify Applications	tbd	tbd		-	-	
Conduct Testing	tbd	tbd		-	-	
Implement Changes	tbd	tbd		-	-	
Dynamic Schedules/Pseudo Ties	Midwest ISO		PJM		Finish	
JCM Lead	E.Skiba		C.Advena			
Business Area Owner	K.Sperry		C.Pacella			
Develop System Requirements	1/31/06	2/28/06	✓	-	-	2/28/06
Modify Applications	4/1/06	9/15/06	✓	-	-	9/25/06
Conduct Testing	9/29/06	2/9/07	✓	-	-	2/20/2007
Implement Changes	2/12/07	2/16/07	✓	-	-	2/23/07
Relaxation of Constraints	Midwest ISO		PJM		Finish	
JCM Lead	T.Mallinger		S.Bresler			
Business Area Owner	P.Gribik		D.Hartung			
Technical Software Design Document	5/1/06	7/1/06	✓	5/1/06	7/1/06	✓ 6/21/06
Obtain Estimates from Vendor	7/1/06	7/1/06	✓	7/1/06	7/1/06	✓ 8/1/06
Modify Applications	tbd	tbd		tbd	tbd	
Conduct Testing	tbd	tbd		tbd	tbd	
Implement Changes	tbd	tbd		tbd	tbd	

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Activity/Milestone	Planned						Actual
	Start	Finish		Start	Finish		Joint
Cross Border Cost Sharing of Expansions	Midwest ISO			PJM			Finish
JCM Lead	E.Skiba			C.Advena			
Business Area Owner	J. Webb			W. Whitehead			
Develop and File policy for Baseline Reliability Projects	1/1/05	6/1/05	✓	1/1/05	6/1/05	✓	6/1/05
Order on Reliability Filing	11/21/05	11/21/05	✓	11/21/05	11/21/05	✓	11/21/05
Compliance Filing on Reliability Filing	4/20/06	4/20/06	✓	4/20/06	4/20/06	✓	4/20/05
Develop Policy Concepts for Economic Projects	1/6/06	3/1/06	✓	1/6/06	3/1/06	✓	3/1/06
Stakeholder Discusison on Policy for Economic Projects	3/8/06	3/8/06	✓	3/8/06	3/8/06	✓	3/8/2006
Develop Policy Concepts for Economic Projects	3/8/06	4/6/06	✓	3/8/06	4/6/06	✓	4/6/2006
Stakeholder Discusison on Policy for Economic Projects	4/7/06	4/7/06	✓	4/7/06	4/7/06	✓	4/7/06
Develop Policy Concepts for Economic Projects	4/7/06	5/1/06	✓	4/7/06	5/1/06	✓	5/1/06
Stakeholder Discusison on Policy for Economic Projects	5/9/06	5/9/06	✓	5/9/06	5/9/06	✓	5/9/06
Submit extension request to FERC	5/9/06	5/26/06	✓	5/9/06	5/26/06	✓	5/18/06
FERC order Reliability X Border Allocation Sharing Tech. Conf.	9/21/06	9/21/06	✓	9/21/06	9/21/06	✓	9/21/06
File request for extension to Econ X Border Allocation Sharing	11/17/06	11/21/06	✓	11/17/06	11/21/06	✓	11/20/06
FERC conduct Tech. Conf. Reliability X Border Allocation Sharing	12/5/06	12/5/06	✓	12/5/06	12/5/06	✓	12/5/06
FERC Staff submit information to Commission	12/6/06	tbd		12/6/06	tbd		
Commission issue order on Tech Conference Information	tbd	tbd		tbd	tbd		
Continue Stakeholder Discussions on Policy for Economic Projects	tbd	tbd		tbd	tbd		
File Policy for Cross Border Allocation of Economic Project Costs	tbd	tbd		tbd	tbd		
Black Start and Restoration	Midwest ISO			PJM			Finish
JCM Lead	E.Skiba			C.Advena			
Business Area Owner	D.Sabakti			A.Caven			
Midwest ISO Black Start/Restoration Technical White Paper	4/11/06	11/29/06	✓				
Midwest ISO Black Start/Restoration Tariff Development	2/1/07	5/1/07					
Compare Midwest ISO and PJM Processes	3/1/07	3/31/07					
Determine Tariff, Regulatory, Reliability Issues	5/1/07	5/31/07					
Obtain Stakeholder Approval to Proceed	5/15/07	7/15/07					
Make Appropriate Regulatory Filings	7/15/07	8/31/07					
Modify Policies, Procedures, Applications, Systems	9/1/07	11/30/07					
Provide Training and Implement Changes	12/1/07	12/15/07					
Central Location to View Both Ramp Viewers	Midwest ISO			PJM			Finish
JCM Lead	E.Skiba			C.Advena			
Business Area Owner	N.Browning			C.Pacella			
Develop Business Requirements	1/2/07	3/31/07		1/2/07	3/31/07		
Design Central Location and Select Appropriate Technology	3/1/07	5/15/07		3/1/07	5/15/07		
Build and Test Central Location	5/15/07	9/15/07		5/15/07	9/15/07		
Provide Training and Implement Changes	9/15/07	10/1/07		9/15/07	10/1/07		

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Require Further Analysis

Activity/Milestone	Planned				Actual	
	Start	Finish		Start	Finish	Joint
Alternative Border Pricing Point Calculation	Midwest ISO		PJM		Finish	
JCM Lead	T.Mallinger		S.Bresler			
Business Area Owner	P.Gribik		M.Gilrain			
Perform Analysis	4/1/06	8/14/06		4/1/06	8/14/06	
Identify Changes	7/1/06	9/30/06		7/1/06	9/30/06	
Stakeholder Review	10/1/06	12/31/06		10/1/06	12/31/06	
Decision Point on Cost Benefit Analysis	-	4/1/07		-	4/1/07	
Coordinated OASIS	Midwest ISO		PJM		Finish	
JCM Lead	E.Skiba		C.Advena			
Business Area Owner	J.Pewarski		C.Advena			
Perform Analysis	9/1/06	11/30/06	✓	9/1/06	11/30/06	1/22/07
Stakeholder Review	11/1/06	1/22/07	✓	11/1/06	1/22/07	1/22/07
Develop Cost/Benefits Estimate	1/22/07	4/15/07				
Conduct Internal Stakeholder Reviews	4/15/07	5/31/07				
Review Results at Joint Stakeholder Meetings	-	6/1/07				
Dynamic Dispatch Sched/RT Dispatch Transactions	Midwest ISO		PJM		Finish	
JCM Lead	T.Mallinger		S.Bresler			
Business Area Owner						
Conduct Analysis and Review with Stakeholders	7/19/06	12/1/06		7/19/06	12/1/06	
Determine Next Steps	tbd	tbd		tbd	tbd	
Market Flow Threshold Reported to IDC	Midwest ISO		PJM		Finish	
JCM Lead	T.Mallinger		S. Bresler			
Business Area Owner	D. Zwergel		F. Koza			
Develop Detailed Project Plan	1/29/07	2/14/07	✓	tbd	tbd	
Vendor Requirement Specifications	12/1/06	1/31/07	✓	tbd	tbd	
System development	12/21/06	3/30/07		tbd	tbd	
Test System Changes	3/29/07	5/2/07		tbd	tbd	
Mock Production Run	5/2/07	5/16/07		tbd	tbd	
Cutover to Production	5/16/07	5/31/07		tbd	tbd	
Investigate Loop Flow Across Footprint	Midwest ISO		PJM		Finish	
JCM Lead	T.Mallinger		C.Advena			
Business Area Owner			S.Williams			
Obtain Tag Data	5/12/06	7/31/06	✓	5/12/06	7/31/06	✓
Obtain Midwest ISO and PJM Market Flow Data	7/24/06	9/1/06	✓	7/24/06	9/1/06	9/1/06
Obtain Non-Market Gen-to-Load Data	8/15/06	9/15/06	✓	8/15/06	9/15/06	✓
Conduct Analysis - Tag Data	8/15/06	9/15/06	✓	8/15/06	9/15/06	10/31/06
Conduct Analysis - Market Flow Data	8/15/06	2/28/07		8/15/06	2/28/07	
Quantify Contributors to Loop Flows on Selected Interfaces	12/1/07	2/28/07		12/1/07	2/28/07	
Generate Final Loop Flow Report for Selected Interfaces	3/1/07	3/30/07		3/1/07	3/30/07	
Identify Next Steps	4/2/07	6/1/07		4/2/07	6/1/07	
Netting in the IDC	Midwest ISO		PJM		Finish	
JCM Lead	T.Mallinger		S. Bresler			
Business Area Owner	D. Zwergel		F. Koza			
Conduct Analysis	tbd	tbd		tbd	tbd	
Develop Preliminary Recommendation	tbd	tbd		tbd	tbd	
Review Preliminary Recommendation with ORS	tbd	tbd		tbd	tbd	
Conduct Detail Analysis/Cost Estimates	tbd	tbd		tbd	tbd	
Prepare Final Recommendation for ORS	tbd	tbd		tbd	tbd	
Present Recommendation to the ORS	tbd	tbd		tbd	tbd	
ORS Action on Recommendation	tbd	tbd		tbd	tbd	
Super-Regional Reserve Sharing	Midwest ISO		PJM		Finish	
JCM Lead	E.Skiba		S.Bresler			
Business Area Owner	T.Volkman					
Review Concept with Joint Stakeholders	1/22/07	1/22/07	✓	1/22/07	1/22/07	✓
	tbd	tbd		tbd	tbd	

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Require Further Analysis

Activity/Milestone	Planned				Actual	
	Start	Finish	Start	Finish	Joint	
Cross Border FTRs in the Allocations	Midwest ISO		PJM		Finish	
JCM Lead	T.Mallinger		S.Bresler			
Business Area Owner	T.Ramey					
Determine how Midwest ISO&PJM Allocation Process Must Change	tbd	tbd	tbd	tbd		
Define Business Rules for Resolving Differences	tbd	tbd	tbd	tbd		
Perform Detailed Cost Benefit Analysis	tbd	tbd	tbd	tbd		
Review Results with Stakeholders	tbd	tbd	tbd	tbd		
Go/No Go Decision to Proceed with Initiative	tbd	tbd	tbd	tbd		
Shared Regulation Market	Midwest ISO		PJM		Finish	
JCM Lead	D.Taylor		S.Bresler			
Business Area Owner	A.Adams					
Develop Options for Implementing Combined Regulation Mkt.	tbd	tbd	tbd	tbd		
Perform Detailed Study Modeling Impact of Shared Reg. Mkt.	tbd	tbd	tbd	tbd		
Identify Policies, Procedures, Application Changes	tbd	tbd	tbd	tbd		
Review Results with Stakeholders	tbd	tbd	tbd	tbd		
Go/No Go Decision to Proceed with Initiative	tbd	tbd	tbd	tbd		

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Completed Initiatives

Activity/Milestone	Planned				Actual
	Start	Finish	Start	Finish	Joint
Midwest ISO Ramp Viewer	Midwest ISO		PJM		Finish
JCM Lead	T.Mallinger		M.Bryson		
Business Area Owner	B.Nutter		C.Pacella		
Build Midwest ISO Ramp Viewer	-	3/28/06	✓	-	3/28/06
Test Midwest ISO Ramp Viewer	4/3/06	5/5/06	✓	-	5/10/06
Implement Midwest ISO Ramp Viewer	4/25/06	5/15/06	✓	-	5/15/06
Moving JOUs Between Markets	Midwest ISO		PJM		Finish
JCM Lead	A.Adams		M.Bryson		
Business Area Owner	K.Sperry		R.Ogburn		
Define Moving JOU Requirements	1/1/06	2/15/06	✓	1/1/06	2/15/06
Modify Systems	2/1/06	3/10/06	✓	1/1/06	3/10/06
Conduct Testing	2/15/06	4/23/06	✓	2/1/06	3/30/06
Implement Moving JOUs Between Markets	4/23/06	4/30/06	✓	4/23/06	4/11/2006
Price Transparency - Common Search (Web)	Midwest ISO		PJM		Finish
JCM Lead	E.Skiba		C.Hendrzak		
Business Area Owner	D.Lang		D.Anders		
Evaluate Search Engine	1/1/06	3/22/06	✓	1/1/06	3/22/06
Modify System	4/1/06	5/31/06	✓	4/1/06	5/31/06
Conduct Testing	6/1/06	6/23/06	✓	6/1/06	5/31/06
Implement Common Search Engine	6/24/06	6/30/06	✓	6/24/06	8/7/2006
Price Transparency - Link PTP and eData	Midwest ISO		PJM		Finish
JCM Lead	E.Skiba		C.Hendrzak		
Business Area Owner	D.Francis		J.Whooley		
Identify Data for Display/Download	4/1/06	4/22/06	✓	4/1/06	4/22/06
Evaluate Technical Alternatives	4/16/06	6/20/06	✓	4/16/06	5/12/06
Modify System	6/21/06	10/13/06	✓	6/21/06	11/1/06
Implement LMP Contour Map	11/1/06	11/16/06	✓	11/1/06	11/16/06
Implement link with eData and PTP	10/31/06	12/1/06	✓	10/31/06	12/1/06
Conduct Testing	9/11/06	1/18/07	✓	9/11/06	1/18/07
Complete Implementation	12/1/08	1/19/07	✓	12/1/08	1/19/2007
Price Transparency - Enhance Joint Website	Midwest ISO		PJM		Finish
JCM Lead	E.Skiba		C.Hendrzak		
Business Area Owner	D.Lang		D.Anders		
Define Joint Website Requirements	1/1/06	3/22/06	✓	1/1/06	3/22/06
Modify System	4/1/06	6/23/06	✓	4/1/06	6/30/06
Conduct Testing	6/1/06	6/30/06	✓	6/1/06	6/30/06
Implement Joint Website Enhancements	7/1/06	7/21/06	✓	7/1/06	7/20/2006
Common Long-Term Firm Transmission Queue	Midwest ISO		PJM		Finish
JCM Lead	E.Skiba		M.Bryson		
Business Area Owner	E.Laverty		C.Advena		
Identify Differences Between Midwest ISO and PJM	1/17/06	2/23/06	✓	1/1/06	3/15/06
Develop Common Long Term Transmission Queue Process	4/1/06	6/30/06	✓	3/16/06	7/5/06
Determine if FERC Filing is Required	4/1/06	7/14/06	✓	7/1/06	8/18/06
Develop Business Practices and Manuals	-	-		-	
Drill down information requirements	7/14/06	9/15/06	✓	8/14/06	9/12/06
Determine timelines	7/14/06	9/15/06	✓	8/14/06	9/12/06
Specify ownership of each task	7/14/06	9/15/06	✓	8/14/06	9/12/06
Roll into Business Practices	7/14/06	12/15/06	✓	8/14/06	12/15/06
Conduct Stakeholder Reviews	10/1/06	10/5/06	✓	10/1/06	10/15/06
Rollout Business Practices and Manuals	11/1/06	12/31/06	✓	11/1/06	12/31/06

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February 28, 2007 Completed Initiatives							
Activity/Milestone	Planned						Actual
	Start	Finish		Start	Finish		Joint
Alignment of OASIS Business Practices	Midwest ISO			PJM			Finish
JCM Lead	E. Skiba			M. Bryson			
Business Area Owner	J. Pewarski			C. Advena			
Analyze Midwest ISO and PJM OASIS Business Practices	1/31/06	3/15/06	✓	1/31/06	3/15/06	✓	3/15/06
Stakeholder Review	4/1/06	6/6/06	✓	4/1/06	7/30/06	✓	7/12/06
Develop Tariff Language Changes	6/26/06	8/8/06	✓	6/26/06	8/8/06	✓	8/8/06
Conduct Stakeholder Review - Tariff Language	6/26/06	9/28/06	✓	6/26/06	9/28/06	✓	9/28/06
Develop Business Practices	tbd	tbd		tbd	tbd		
Stakeholder Review - Business Practices	tbd	tbd		tbd	tbd		
Develop System Requirements	7/1/06	8/30/06	✓	7/1/06	8/30/06	✓	8/30/06
Modify Applications	9/1/06	12/15/06	✓	9/1/06	12/15/06	✓	12/15/06
Conduct Testing	12/15/06	12/23/06	✓	12/15/06	12/23/06	✓	12/18/2006
Implement Changes	12/27/06	12/31/06	✓	12/27/06	12/31/06	✓	12/19/06
Emergency Energy - Align Agreements and Practices	Midwest ISO			PJM			Finish
JCM Lead	E. Skiba			M. Bryson			
Business Area Owner	G. Troxell			S. Pincus			
Identify Agreements to be replaced	1/16/06	2/10/06	✓	1/16/06	2/10/06	✓	2/10/06
Document legal, regulatory, corporate structure issues	2/1/06	3/28/06	✓	2/1/06	3/28/06	✓	3/28/06
Draft Tariff Changes	6/15/06	8/25/06	✓	4/1/06	9/20/06		
Review Midwest ISO position for EE until Midwest ISO becomes BA		11/15/06	✓				
No Further Action for this initiative		11/15/06	✓				
Joint Exp. Planning (Coordinated System Plan)	Midwest ISO			PJM			Finish
JCM Lead	E. Skiba			M. Bryson			
Business Area Owner	J. Webb			M. Sims			
Develop Common Model	1/16/06	3/15/06	✓	1/16/06	3/15/06	✓	4/1/06
Initial Analysis	3/16/06	7/1/06	✓	3/16/06	7/1/06	✓	7/18/06
Obtain Stakeholder Input on Interim Results (IPSAC)	7/1/06	7/25/06	✓	7/1/06	7/25/06	✓	7/25/2006
Complete Analysis and Prelim Report	7/1/06	11/1/06	✓	7/1/06	11/1/06	✓	11/1/2006
Obtain Stakeholder Input on Draft Report (IPSAC)	12/7/06	12/7/06	✓	12/7/06	12/7/06	✓	12/7/2006
Complete and Publish CSP Report	12/8/06	12/20/06	✓	12/8/06	12/20/06	✓	12/22/06
Common Deliverability Studies	Midwest ISO			PJM			Finish
JCM Lead	E. Skiba			M. Bryson			
Business Area Owner	R. Arness			S. Gass			
Complete Initial Analysis in CSP	1/16/06	10/1/06	✓	1/16/06	10/1/06	✓	
Initial Analysis	3/16/06	7/1/06	✓	3/16/06	7/1/06	✓	7/18/06
Obtain Stakeholder Input on Interim Results (IPSAC)	7/1/06	7/25/06	✓	7/1/06	7/25/06	✓	7/25/2006
Complete Analysis and Prelim Report	7/1/06	11/30/06	✓	7/1/06	11/30/06	✓	11/1/2006
Obtain Stakeholder Input on Draft Report (IPSAC)	12/7/06	12/7/06	✓	12/7/06	12/7/06	✓	12/7/2006
Identification of Common Deliverability Impacts on System	12/8/06	12/20/06	✓	12/8/06	12/20/06	✓	12/22/06

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Completed Initiatives

Activity/Milestone	Planned				Actual
	Start	Finish	Start	Finish	Joint

Require Further Analysis Initiatives Completed

Activity/Milestone	Planned				Actual
	Start	Finish	Start	Finish	Joint
Production Cost Study	Midwest ISO		PJM		Finish
JCM Lead	A.Adams		S.Bresler		
Business Area Owner	J.Lawhorn		J.Bastian		
Complete Study Approach	12/19/05	1/13/06	✓	12/19/05	1/13/06
Perform Analysis	1/16/06	3/27/06	✓	1/16/06	3/27/06
Produce Final Report	3/1/06	5/21/06	✓	3/1/06	5/25/06
Provide Data to WPS	6/2/06	6/13/06	✓	-	6/13/06
Common Time Zones - PJM Move to EST	Midwest ISO		PJM		Finish
JCM Lead	D.Taylor		M.Bryson		
Business Area Owner	M.Robinson		M.Radel		
Perform Analysis	-	-		1/1/06	3/30/06
Quantify Effort	-	-		7/1/06	3/30/06
Stakeholder Review	-	-		10/1/06	5/16/06
Decision Point on Cost Benefit Analysis	-	-		12/31/06	5/16/06
No Further Action for this initiative					5/16/06
Market Flow Threshold Assessment	Midwest ISO		PJM		Finish
JCM Lead	T.Mallinger		S. Bresler		
Business Area Owner	D. Zwergel		F. Koza		
Conduct Analysis	5/12/06	8/8/06	✓	5/12/06	8/8/06
Develop Draft Recommendation	7/6/06	8/8/06	✓	7/6/06	8/8/06
Review Recommendation with CMPWG	8/23/06	8/23/06	✓	8/23/06	8/23/06
Review Recommendation with CMPC	9/1/06	9/12/06	✓	9/1/06	9/13/06
Finalize Recommendation to ORS	9/8/06	9/13/06	✓	9/8/06	9/18/06
Present Recommendation to the ORS	9/19/06	9/20/06	✓	9/19/06	9/20/06
ORS Action on Recommendation	9/20/06	9/20/06	✓	9/20/06	9/20/06
Submit SAR to NERC	9/20/06	11/10/06	✓	9/20/06	11/10/06
Obtain Approval for 12 Month Field Test	11/21/06	12/14/06	✓	11/21/06	12/14/06