Seams Issues Matrix

#	Description of Seam Issue	Seam Interface Type	Region 1	Region 2	Seam Impediment Type	Currently Being Addressed ?	Submitter	Reference Papers	Comments
1	Transmission Access	All	Non-RTO Market	Non-RTO Market/ISO Market	Market Rule/Business Practice	Yes - Various Transmission Providers	Steven Cobb SRP	No	No transmission market one stop shopping available for the Western Interconnection - entities can't find needed information to efficiently conduct business on a preschedule or real-time basis. Solution: Common OASIS Site needed.
2	Market Price Information	Non-RTO Mkt to Non-RTO Mkt	Non-RTO Market	Non-RTO Market	Market Rule/Business Practice	No	Steven Cobb SRP	No	Market pricing methodology not comprehensive, consistent or dependable. Solution: Standardized Indices, Independently Managed.
3	Scheduling	RTO Market to Non-RTO Market	Non-RTO Market	ISO Market	Market Rule/Business Practice	Yes - SSG - WI	Steven Cobb SRP	No	Inconsistent procedures among entities. Solution: Western Interconnection Standardized Interchange Scheduling Protocols.
4	Transmission Calculations	All	Non-RTO Market	Non-RTO Market/ISO Market	Market Rule/Business Practice	Yes - SSG - WI	Steven Cobb SRP	No	Transmission calculations are not consistent. Solution: Standardized TTC & ATC Calculations.
5	Energy Products	All	Non-RTO Market	Non-RTO Market/ISO Market	Market Rule/Business Practice	Yes - WECC	Steven Cobb SRP	No	Entities have disagreements concerning the definitions of various energy products. Solution: Standardized Energy Products.
6	Market Oversite	All	Non-RTO Market/ISO Market	Non-RTO Market/ISO Market	Market Rule/Business Practice	Yes - SSG - WI	Steven Cobb SRP	No	New and mature markets need oversite to ensure that existing rules are complied with and new rules are adequate in meeting the senarios they were designed to govern. Solution: Independent Market Auditor or Monitor.
7	Interchange/Intrachange Scheduling Data Exchange	All	Non-RTO Market/ISO Market	Non-RTO Market/ISO Market	Market Rule/Business Practice	Yes -WECC	Steven Cobb SRP	No	Current E-Tagging process is inadequate for exchanging reliability and market data within the Western Interconnection. Solution: Electronic Scheduling

#	Reference Paper or Supporting Document Provided