

Estimated Benefits of Grid West Seminar Participant Benefits Worksheet

Cost Saving Category		4 Consolidating Control Areas			10 Consolidating Control Areas			Participant Workspace
		High	Medium	Low	High	Medium	Low	
Quantified Benefit Estimates		\$ million/year			\$ million/year			
1	Contingency Reserves	39	30	20	73	55	37	
2	Regulating Reserves	10	8	5	26	21	14	
3	Redispatch Efficiencies (PowerWorld simulations)	65	56	41	385	332	128	
4	Bulk Electric System Reliability - Cascading Disturbances	83	50	27	83	50	27	
5	Power Delivery System Reliability - Momentary, Sustained Outages (2002\$)	98	58	17	203	119	36	
6	Rate Pancakes (TCA, GridView, Henwood)	61	20	4	61	20	4	
7	Reconfiguration-Transmission Utilization (GridView)	52	30	18	52	30	18	
Qualitative Benefit Estimates								
	Improved Transmission Planning							
	Long-term Siting Efficiencies							
	Construction Deferral (G, T and D)							
	Conservation and Demand Side Management	33	17	1	61	32	4	
	Coordinated Generation and Transmission Maintenance							
	Load Following							
	Market Innovation							
	Market Monitoring							
Totals (\$millions per year)								
Notes:								
Highlighted items may include some benefit overlaps. See discussion in the report.								