Comments: Developing a Regional Transmission Process
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- State coordination
- Inter-state vs. intrastate
- Intermittency, storage, and planning
- Revenue stream for storage
- Can transmission investment lead generation?
Inter-state vs. intrastate

• CAISO
• Mixed jurisdictions
• Some SPGs *inch*ing toward some sort of cost socialization
• Multi-state utilities
• Very difficult benefit quantification and allocation issues can arise
Intermittency, storage, and planning

• Transmission planning improving in granularity of intermittent resources
• More capability in production cost models but they are hourly
• Less complicated storage, e.g., PS easier but inter-temporal relationship to intermittents somewhat limited
• Intra-hour characteristics of storage and most ancillary services approximated ex-post when possible
Revenue stream for storage

• Storage – multiple attributes
• Unbundled ancillary services
• Bundled
• Part of transmission network
Can transmission investment lead generation?

• Maybe, sort of --- unique cost recovery/risk mitigation options available to some PUCs
• CA RETI & Colorado SB 100
• FERC incentives, ratemaking options in some states (e.g., CWIP) not enough to do anything but keep a project moving
• Siting/resources at source/customers at sink/state policies