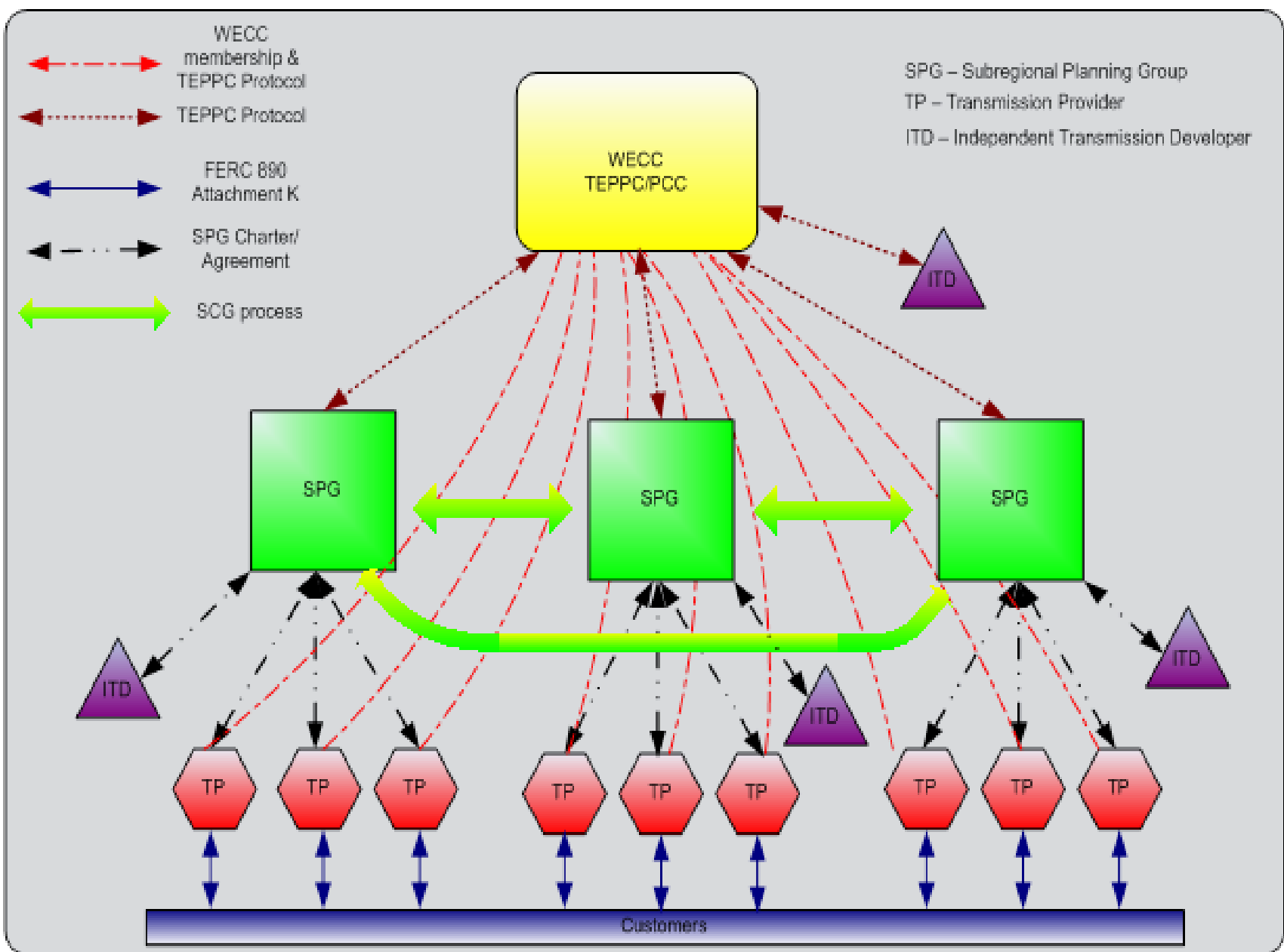


Comments: Developing a Regional Transmission Process

Scott Cauchois

- 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 *inching* 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