Transmission Planning and Certain Surprises

Lawrence Willick
Senior Vice President
LS Power Development, LLC
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Southwest Intertie Project (SWIP)

Project Description
- 570-mile long 500 kV line between southern Idaho and southern Nevada
- Phase 1: Harry Allen-Robinson Summit (SWIP North)
- Phase 2: Midpoint-Robinson Summit (SWIP South)
- Harry Allen-El Dorado (SNIP)
- ~ 2,000 MW of transfer capability

Benefits
- First connection between north and south Nevada
- Delivery of high capacity factor renewable generation
- Improves system reliability

Status
- Memorandum of Understanding with NV Energy
- Memorandum of Understanding with Western Area Power Administration
- Phase 1 Construction to begin in 2010
- Phase 2 Construction as early as 2011
Wyoming-Colorado Intertie Project

**Project Description**
- 180-mile 345 kV line between Wyoming and Colorado
- ~ 850 MW of transfer capability
- Public-Private Partnership

**Benefits**
- Delivery of high-capacity factor wind

**Status**
- Joint Development Agreement with Wyoming Infrastructure Authority, April 2008
- LS Power acquired AES interest, April 2009
- Phase 2 of the WECC Path Rating process ongoing
- OATT, Market Based Rates Approved, May 2009
- Routing Studies Complete, May 2009
- Land and permitting plan formulated
- MOU with Western Area Power Administration, September 2009
- Ongoing customer inquiries
Cross Texas Transmission

Project Description
- Process administered by PUC of Texas
- Approved 2,300+ miles of new 345 kV transmission to deliver ~ 18,500 MW of renewable generation
- Selected Cross Texas Transmission to construct, operate and maintain 200+ miles of 2-345 kV transmission lines

Benefits
- Deliver renewable energy to customers in ERCOT from competitive renewable energy zones

Status
- Permitting and compliance filings 2010
No One Size Fits All

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