

Centennial West Clean Line

Presentation to Science, Technology and
Telecommunications Legislative Committee
November 29, 2010

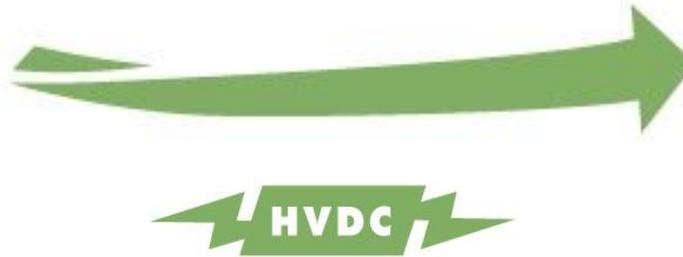
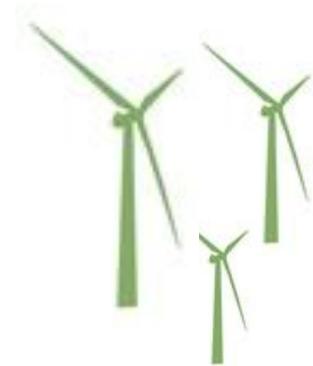


Clean Line Energy Partners

Focus, team and capital to connect renewable energy with demand

- Clean Line Energy Partners focuses on building “Renewable Energy Superhighways” connecting renewable resources to load centers.
- Clean Line seeks to develop, own and operate long haul, high voltage direct current (HVDC) transmission lines across the United States, helping solve one of the most vexing challenges to a cleaner energy future.
- Clean Line’s principals, partners and investors bring unique perspective, experience and focus to transmission development along with a track record of success in energy project development.

Strong wind resources



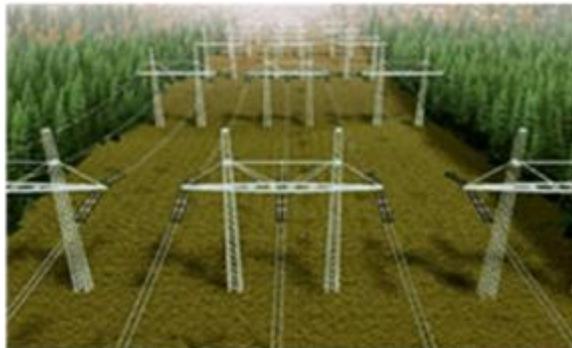
Large demand centers



Integrating large clean energy sources with demand centers

HVDC brings Economic, Policy and Electric Reliability Benefits

- *Simpler Commercial Structure* – Generator or load serving entity pays for transmission capacity
- *Efficient* – Over long distances, DC transfers more power with less line loss than comparable AC lines
- *Improved Reliability* – Enhances system stability, gives operator complete control over power flow, improves quality of electricity from wind projects and helps lower overall integration costs
- *Smaller Footprint* – DC requires narrower ROW and lower tower height than AC



AC Transmission corridor with three 500 kV lines for a total capacity of 3,000 - 4,000 MW



DC Transmission corridor with one 500 kV bi-pole line for a capacity of 3,000 MW

Centennial West Clean Line Delivers Renewable Energy from Eastern New Mexico to the West Coast



Project Specifications

Transmission Capacity	3,500 MW
Technical Configuration	One ± 500/600kV bipole transmission lines
Approximate Length	800 miles
Target Utilization Rate	50+%
Approximate Capital Cost	\$2.5 billion

Centennial West Timeline



CLEAN LINE

ENERGY PARTNERS

Two green curved lines, one above the other, sweeping across the width of the logo area.

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