



*Wyoming Infrastructure Authority Board Meeting
Jackson Hole, Wyoming
January 25, 2010*

Overland Transmission Line

Project Introduction





Jade Energy Associates, LLC

- Member of the LS Power group of companies, created to finance, construct and own the Overland Transmission Line (OTL).
- LS Power is a privately held company focused on developing, owning, managing and operating large-scale power generation and transmission projects.
- LS Power's development philosophy has always been one of active community participation and cooperation.



LS Power Background

Power Generation

- Over 20,000 MW of development, construction, or operations experience
- Active development of renewable and fossil generation resources

Transmission

- Advanced development of 500+ mile, 500-kV Southwest Intertie Project
- Designated to build 200+ miles of 2-345 kV in Texas to support renewable resources
- Active development of transmission infrastructure

Acquisition

- Over \$4 billion in private equity capital dedicated to energy sector
- Acquired ~ 15,000 MW of power generation

Functional Expertise

Project Development

Licensing & Environmental

Regulatory & Transmission

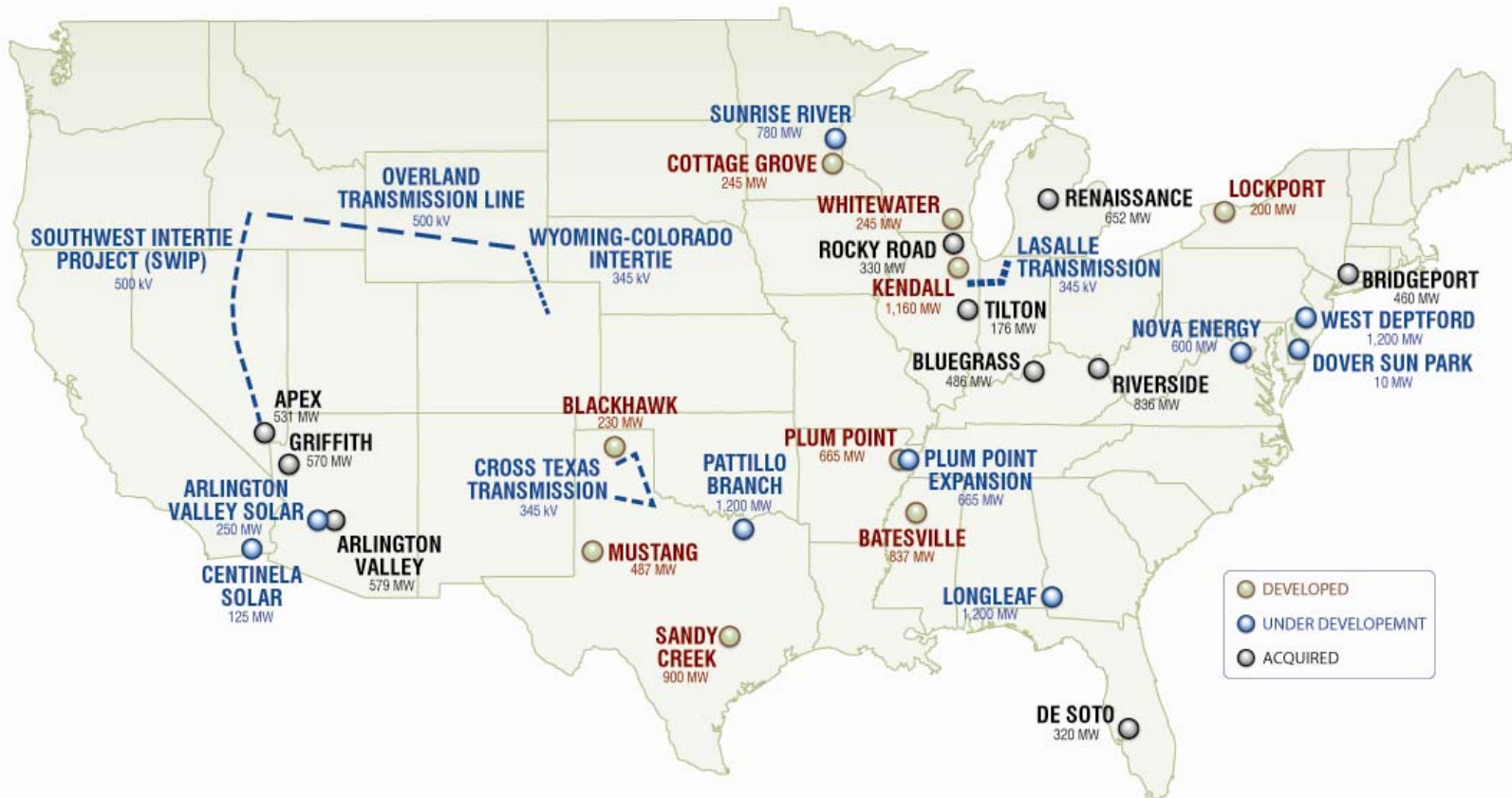
Power Marketing

Project Finance

Construction & Operations



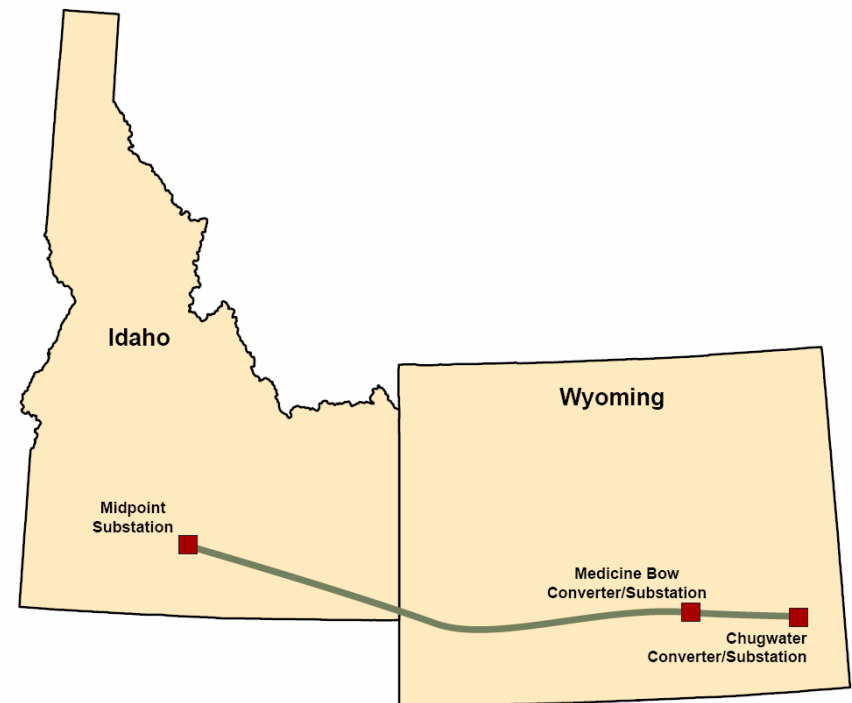
LS Power Project Portfolio





Project Overview

- 550+ mile, overhead, high voltage, direct current (HVDC) transmission line
- Up to 3,000 MW of transfer capacity
- Eastern terminus near Chugwater, WY
- Western terminus at Midpoint Substation near Jerome, ID
- Analyzing additional substation near Medicine Bow, WY





Importance - Wyoming

Wyoming's Need for Overland

- There is increasing demand for the renewable energy resources indigenous to Wyoming, but no path to transmit this energy to market.
- The lack of high capacity transmission lines is significantly limiting the state's ability to benefit from an expanding renewable energy economy.

Purpose of Overland in Wyoming

- Overland will give Wyoming crucial access to expanding energy markets and let Wyoming do tomorrow what it cannot do today – sell its significant wind energy.
- Overland will greatly expand the state's wind energy industry, create new jobs for local residents, and generate new tax revenue.
- Overland will ensure the state remains a world leader in energy production, and increase our overall energy independence.



Importance - Idaho

Idaho's Need for Overland

- Idaho is heavily dependent on other states to supply its energy.
- Due to its lack of in-state energy resources, Idaho must import almost half of its energy from neighboring states to meet its increasing electricity demand.
- The current transmission system is congested, limiting the ability to import needed electricity and increasing the consumers' energy costs.

Purpose of Overland in Idaho

- Overland will provide Idaho with increased access to diverse energy resources and help lower energy costs for consumers.
- Overland will provide a new high capacity transmission pathway, potentially relieving increased transmission congestion on the current grid.



Benefits

- Major private sector investment in energy infrastructure, establishing a base for a stronger economic future.
- Provide a pathway from an abundant source of renewable energy to major markets and consumers across the region.
- Create hundreds of construction jobs and generate millions in annual tax revenues for Wyoming and Idaho counties.
- Utilize the expanding renewable energy sector to revitalize local economies and increase our energy independence.
- Development risk is shouldered by Jade Energy, not local taxpayers or ratepayers.



Development Approach – How is it Different?

- Jade Energy is committed to an open and inclusive public process.
- Jade will outreach to local and state officials, landowners, and community leaders to consult with these stakeholders throughout the project development phase.
- We are dedicated to meaningful stakeholder participation on key criteria and guidelines to ensure a development process that reflects all appropriate concerns and sensitivities.
- All stakeholders deserve ***openness, communication and respect***. They will receive it from Jade Energy.



Routing Alternative Analysis

- Jade Energy is dedicated to an open and inclusive public process to determine the best transmission route possible.
- Jade will be inviting the public to participate in an extensive siting analysis to identify an array of routing options and alternatives.
- Jade will consult closely with local and state officials, landowners, and community leaders before any route alternative is defined.
- As part of that transparent public process we will also sponsor public information meetings and community working groups in addition to those already required by federal, state and local permitting laws.
- Jade's routing alternative analysis will provide a well vetted array of alternatives for evaluation in an Environmental Impact Statement.



Project Schedule

Task Name	2010	2011	2012	2013	2014	2015
Community Involvement	[Yellow bar spanning from start of 2010 to end of 2014]					
NEPA and Other Permitting Processes	[Yellow bar spanning from start of 2010 to end of 2011]					
Engineering		[Yellow bar spanning from start of 2011 to end of 2012]				
Private ROW Planning		[Yellow bar spanning from start of 2011 to end of 2012]				
Pre-Construction Activities				[Yellow bar spanning from start of 2013 to end of 2013]		
Construction				[Yellow bar spanning from start of 2013 to end of 2014]		
In Service						[Yellow diamond marker at the end of 2015]



Next Steps

- Introduction of Jade Energy and the Overland Transmission Line to state and local leaders, community members and stakeholders.
- Assemble community working group members and gather input on potential routing options.
- Conduct public information meetings.
- Finalize routing alternative analysis and proceed with BLM's evaluation of the project through the NEPA process.
- Initiate other permitting activities.



Project Team

Jade has assembled a local project team consisting of experts in:

- Engineering
- Surveying
- Communications
- Environmental planning
- Land consulting



Project Challenges

- Routing “pinch points”
- Public acceptance
- Potential T&E status of sage grouse
- Wyoming wind economics



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