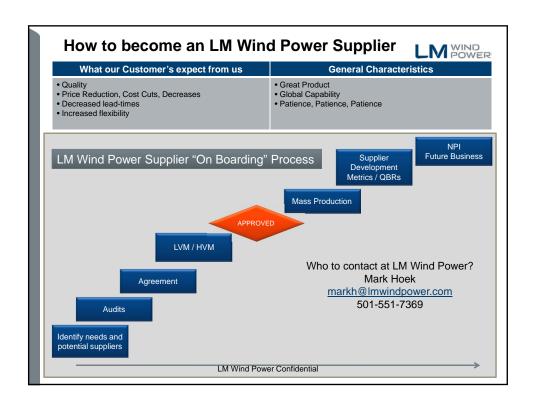
AWEA SUPPLY CHAIN CONFERENCE ENTERING THE WIND ENERGY INDUSTRY Little Rock, AR March 24th, 2011 By Mark Hoek LM Wind Power Americas Blades Director, Americas Materials & Logistics









Energy Transportation Inc.

- Shelli Short
 - Business Development and Logistics Manager
- Heavy haul trucking, crane & rigging, and rail distribution yard storage/inventory management



TRANSPORTATION

Strengths and Challenges

Strengths

- Asset Based
- Transload Services
 - Rail offload
 - Storage/Inv Mgmnt
 - Trucking

Challenges

- · Retaining Qualified Drivers
- State regulations and permitting
- · Keeping cranes busy at DC





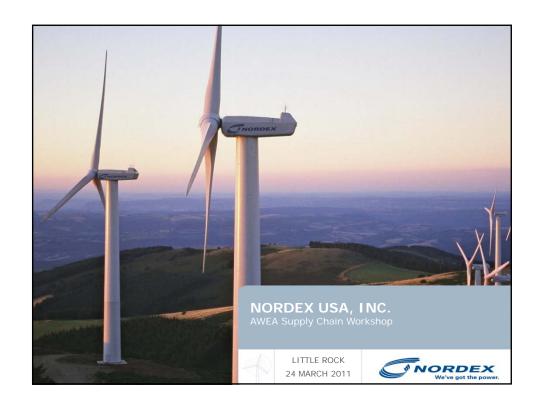
TRANSPORTATION

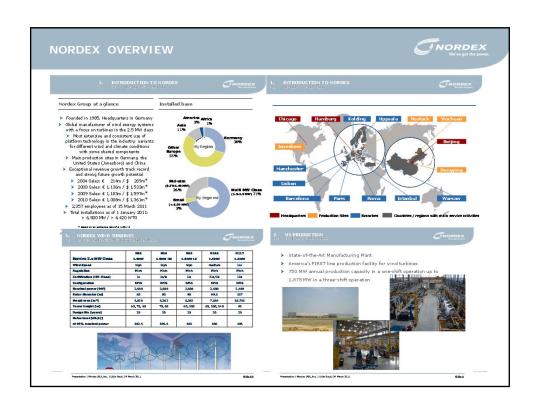


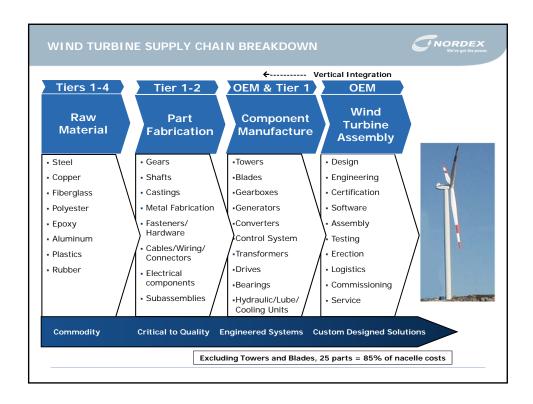


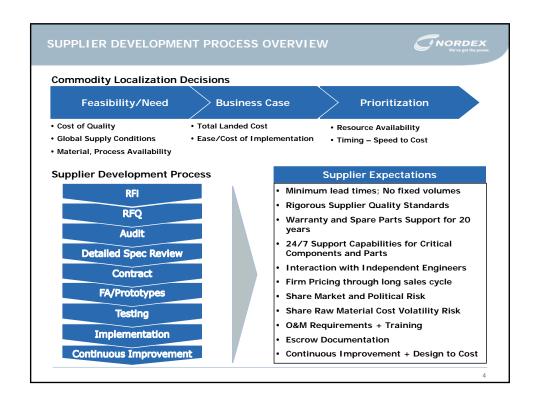






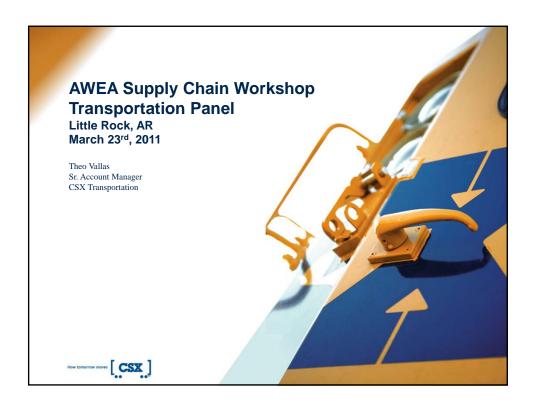












CSX Corporation, based in Jacksonville, Fla., is a leading transportation company providing rail, intermodal and rail-to-truck transload services. CSX has unparalleled access to your customers and Eastern U.S. infrastructure.

- Customers:
 - 2/3 Nation's Population
 - 3/4 Nation's Consumption
- Eastern Wind Farm Demand
 - Ohio
 - Northeast
- Railroads
 - Connects to all 6 Class I railroads
 - 240+ Shortline & Regional railroads
- Ports
 - All major project cargo on Atlantic Ocean



tomarrow moves CSX

One of the benefits of incorporating rail into your wind energy supply chains are that railroads are the most environmentally friendly and energy efficient way to move goods on land.

- Green Math:
 - 3 X More Fuel Efficient
 - 1/3 the GHG & Particulate Emissions
 - 1% = 111M Gallons & 1.2 M Tons CO²
- Green Technology
 - GENSET Switch Loco
 - Loco Monitoring System
 - Trip Modeling
 - Idle Reduction Systems





Each wind supply chain solution has the challenges they face, for the railroad it is growing clearance envelopes

- Rail Clearance Envelope Factors
 - Curvature
 - Rail Size
 - Rail Usage (i.e. AMTRAK)
 - Infrastructure
- · High-Wide Dimensions
 - Width > 11'
 - Height > 11'
 - Length > 60'
 - Weight > 150,000 lbs

