



FACT SHEET

- Integrates planetary wind turbine gearbox with medium-speed generator
- Lighter, more compact, more reliable and more efficient than conventional systems
- Rigorous testing protocol allows GE Drivetrain Technologies to correct problems in the lab, not in the tower
- Tested to withstand frozen, hot, dusty and dirty environments
- Good solution for new class of larger wind turbines being developed today because of its compactness and reliability advantages
- Reflects GE Drivetrain Technologies' evolution from a wind gearbox supplier to a manufacturer of complete electromechanical wind turbine drive train systems

Attribute	Benefit	VALUE
No 3 rd stage gearing	Lubricant optimized for the low speed stage	<ul style="list-style-type: none">• Longer gear and bearing life• Smaller cooler• Faster cold starts
	Fewer gears and bearings	<ul style="list-style-type: none">• More reliable• More efficient
Integrated design	More compact	<ul style="list-style-type: none">• Smaller, less expensive nacelle• No generator sub-frame• Less combined gearbox-generator weight
Separable components	Greater up tower accessibility	<ul style="list-style-type: none">• Lower maintenance and repair cost
	Components able to be manufactured and tested independently	<ul style="list-style-type: none">• Supply chain flexibility

For more information, please visit our website at www.getransportation.com