



JOHN DEERE

Electric Turbo Compounding Technology Update

15 August, 2007

Carl Vuk



Electric Turbo Compounding Highlights

- 10% Better BSFC Demonstrated Over Broad Speed Range
- 20% Power Growth w/More Possible
- Emissions Benefits Including CO2 Reduction
- 2007 Progress
 - Gen II Hardware Designed
 - Additional Performance Improvements Identified
 - Truck Platform Built
- Visit Booth 72 For The Rest of The Story

Fuel Economy Comparison

Constant Engine Power & NOx w/50kW TG on 280 kW Rated 9L

