Poster P-3

Creation and Testing of the ACES Heavy Heavy-Duty Diesel Engine Test Schedule for Representative Measurement of Heavy-Duty Engine Emissions

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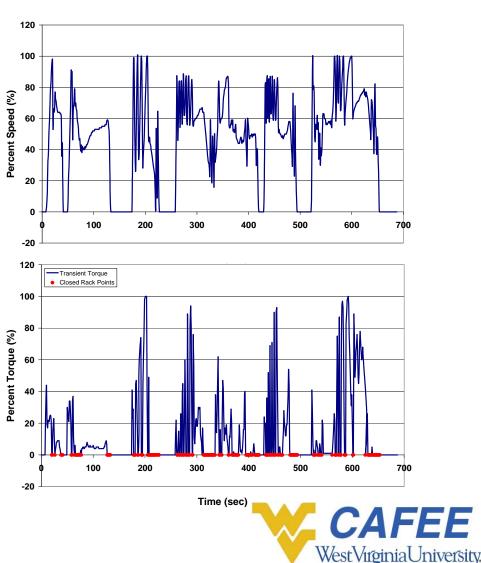
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ACES Cycle Development and Testing

- Develop a schedule of engine cycles representative of modern truck usage, and demonstrate their application in a test cell
- ACES HHDDE test schedule based on the four active modes of the HHDDT (chassis) test schedule (Transient, Creep, Cruise, High-Speed Cruise)
- Candidate cycles chosen by comparing least squares value relative to database statistics
- Final modes tested at WVU ERC using 2004 Cummins ISM HHDDE
- New regression standards proposed for ACES modes



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Transient Mode

