Impact of Lower PM from Multimode Operation on Fuel Penalty from DPF Regeneration

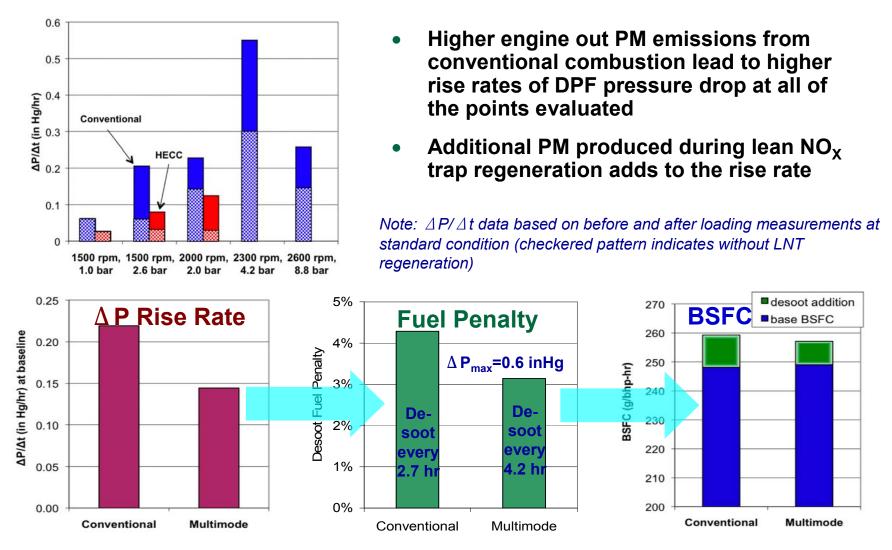


Vitaly Prikhodko and Jim Parks *Oak Ridge National Laboratory* 15th DEER conference Deaborn, MI

August 3-6, 2009

Sponsors: Gurpreet Singh and Ken Howden U.S. Department of Energy, Office of Vehicle Technologies





- Low engine out PM emissions from HECC result in lower pressure drop rise rates across the DPF, less frequent DPF regenerations and lower desoot fuel penalty
- Lower DPF regeneration fuel penalties in the multimode result in better overall BSFC



