

Incentives for Hybrids and High Efficiency Trucks: Progress and Next Steps



*Advanced Transportation
Technologies and
Solutions*



National Conference 2009

ATLANTA, GEORGIA
October 27 - 29

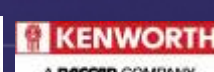
**Bill Van Amburg
Senior Vice President**

**HTUF National Conference 2009
Atlanta, GA
October 28, 2009**



Unified Hybrid Industry in DC

- CALSTART, HTUF and 9 major companies – including all truck makers - outline status, benefits and needs of hybrid trucks
- Joint call for federal assistance for:
 - Purchase incentives
 - Broader fleet demonstrations and
 - Long term R&D investment

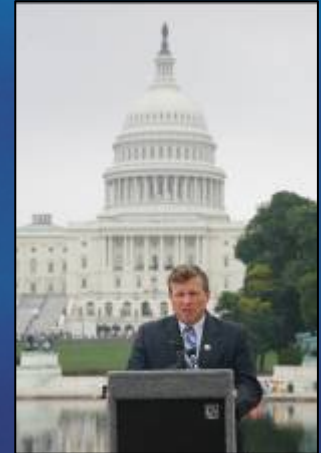




Briefing on Status, Benefits and Needs of Industry



Rep. Roscoe Bartlett
(MD)
Rep. Charlie Dent
(PA)



from left:
Bill Van Amburg, CALSTART
Paul Skalny, US Army-NAC
Victoria Mills, Environmental Defense Fund
John Formisano, FedEx Express
Marcy Lowe, Duke University CGGC



16 Vehicles from Class 4-8





Briefing Material Available

- In PDF, print and web form
- White paper on hybrid tech and market needs
- Background on HTUF
- Information on company technology

HYBRID ON THE HILL DAY - JUNE 11



CALSTART and the HTUF Incentive Working Group hosted Hybrid on The Hill Day June 11 in Washington, DC.

Hybrid on The Hill Day included an impressive technology showcase of 17 medium- and heavy duty hybrids, plus a morning briefing on the status of hybrid technology. The showcase highlighted the real progress made by hybrid technology in trucks. Members of Congress spoke at the morning briefing, which also outlined the state of the hybrid truck industry, its benefits in reducing emissions, cutting fuel use and creating high tech jobs, and what it needs to succeed. Duke University also unveiled its report, Hybrid Drivetrains for Medium- and Heavy-Duty Trucks, which outlines the strategic economic potential for clean trucks in the United States.

The event took place on the Mall at the base of Capitol Hill from 10 am - 4 pm, the briefing was from 11

HTUF Hybrid on the Hill Day
National Mall Hybrid Truck Showcase
June 11, 2009

Hosted by CALSTART and these HTUF Incentive Working Group companies:

ArvinMeritor, AZD, Rexroth, DAIMLER, Jueco, F.T.N., FedEx, ILLINOIS, Ford, NISSAN, Valvoline

Hybrid Truck Showcase on Capitol Hill
Statement by Sen. Blaine Luntz, Chairman of the Senate Committee on Commerce, Science and Transportation

Washington, DC: June 11, 2009. The Senate Committee on Commerce, Science and Transportation today announced that it will hold a hearing on the status of hybrid technology in trucks. The hearing will be held on Capitol Hill on June 11, 2009, at 10:00 a.m. The hearing will be held in the Senate Chamber and will be open to the public. The hearing will be held in the Senate Chamber and will be open to the public. The hearing will be held in the Senate Chamber and will be open to the public.



HTUF – Incentives Working Group: Actions/Focus

- Working to extend federal tax credits beyond 2009 to 2015 – double their size (HR 3367)
- Help California successfully launch its hybrid voucher program – extend to other states and regions
- Expand investment in development and demonstration of med- and heavy-duty hybrids and high efficiency trucks (HR 3246; CA AB 118)
- Work to include med- and heavy-duty hybrids and high-efficiency vehicles in climate, energy and transportation legislation
- Track fuel economy rules – and testing protocols
- Raise the profile of the importance of hybrid and high-efficiency med- and heavy-duty vehicles



What's Needed?

- Trucks are different than passenger cars! (not everyone in policy positions know this)
 - Hybrid concept similar; business case, volumes and technology availability different
 - No commercially available electric steering, braking, HVAC
 - Development transition 8+ years behind cars
- Industry could benefit from:
 - support for R&D – energy storage, electrified components;
 - funding to field pre-production fleets (10-100 vehicles per application);
 - enhanced commercially-focused purchase incentives
- Purchase incentives need to last longer, provide assistance to broader range of fuel economy benefits
- First-mover fleets ideally need up-front purchase cost reduced (tax credits not ideal tool for commercial vehicles)

Clean Transportation Solutions SM
Advanced Transportation Technologies SM

www.calstart.org



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