

**Summary of DOT Activities to Support the National Energy Policy**  
**Jim March, Office of Policy**  
**Federal Highway Administration**

**Major DOT Energy Policy Initiatives**

- ***Corporate Average Fuel Economy***
- ***Idling Reduction***
- ***Vehicle Fuel Economy***
- ***Congestion Mitigation***
- ***Energy Efficiency Technologies***
- ***Intelligent Transportation Systems***
- ***Fuel Cell Powered Bus Program***
- ***Clean Buses Program***

**Multi-Agency Energy Policy Initiatives**

- ***Global Climate Change***
- ***Pipeline Safety***
- ***Trans-Alaska Pipeline***
- ***Natural Gas Pipeline***
- ***Oil Spill Response***
- ***Alternatives to Oil Corporate Average Fuel Economy***
- ***DOT is directed to review and provide recommendations on establishing CAFE standards. CAFE standards should increase efficiency without negatively impacting the U.S. automotive industry.***
- ***The NAS CAFE report was submitted to DOT and Congress on***

## **July 30<sup>th</sup> Idling Reduction**

- **DOT and EPA are directed to develop ways to reduce petroleum consumption by working with the trucking industry to establish a program to reduce emissions and fuel consumption for long-haul trucks at truck stops by implementing alternatives to idling, such as electrification and auxiliary power units at trucks stops along Interstate Highways.**

## **Vehicle Fuel Economy**

- **DOT should look at market-based approaches to increase the national average fuel economy of new motor vehicles.**
- **NHTSA is currently drafting a work plan for a study that will be coordinated with DOE, EPA, and other appropriate Federal agencies.**

### **Congestion Mitigation**

- **DOT is directed to review and promote congestion mitigation technologies and strategies and work with Congress on legislation to implement these strategies**

## **Congestion Mitigation -- Highways**

- **Surface Transportation Reauthorization strategies**
- **Transportation operations summit**
- **CMAQ public information campaign**
- **Joint DOT/EPA media event on Commuter Choice Congestion Mitigation -- Aviation**
- **Increases in airport capacity**
- **Modernization of the air traffic control system**
- **Improvements in the operation of current air traffic control system**

- *Evaluation of demand management options Intelligent*

## **Transportation Systems**

- *Deploy integrated ITS infrastructure in metropolitan areas*
- *Commercial Vehicle Information Systems and Networks (CVISN)*
- *511- America's traveler information telephone number*
- *Integrated incident management system Fuel Cell Powered Bus Program*
- *Program authorized by TEA-21 to demonstrate the viability of fuel-cell power plants for transit bus applications*
- *Intent to form a national coalition focusing on deploying fuel cell buses in transit applications*
- *Closely linked with the California fuel cell partnership Clean Buses Program*
- *Intent to accelerate the introduction of advanced bus propulsion technologies into the nation's transit fleet*
- *FTA developing plan to deploy energy efficient new technology buses (clean buses). The plan includes technical assistance, demonstrations, training, public information, risk reduction, regulations, and research and development. Global Climate Change*
- *Fuel options to reduce GHG emissions.*
- *Domestic GHG emissions trading options for the transportation sector. With State, CEA, EPA, DOE, Treasury*
- *Use of tax credits for hybrid vehicles. With Treasury, EPA, DOE*
- *Reducing GHG emissions through improved transportation*

***planning***

- ***Development of detailed transportation greenhouse gas emissions data and models. With DOE/EPA. Pipeline Capacity and Safety***
- ***Research and Special Projects Administration in DOT is working with other agencies to assure pipeline safety is considered in all initiatives to increase pipeline capacity for transporting oil and natural gas***