



U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# VA Biofuels Production Incentive





U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# Other VA biofuels incentives





U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# Executive Order 48



Defense Supply Center  
Richmond VA made  
E85 available to anyone  
with base access.



VDOT offered property  
for unattended E85  
sales to the public and  
government vehicles.



U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# EO 48 continued



Defense Supply Center  
Richmond VA made  
E85 available to anyone  
with base access.



VDOT offered property  
for unattended E85  
sales to the public and  
government vehicles.

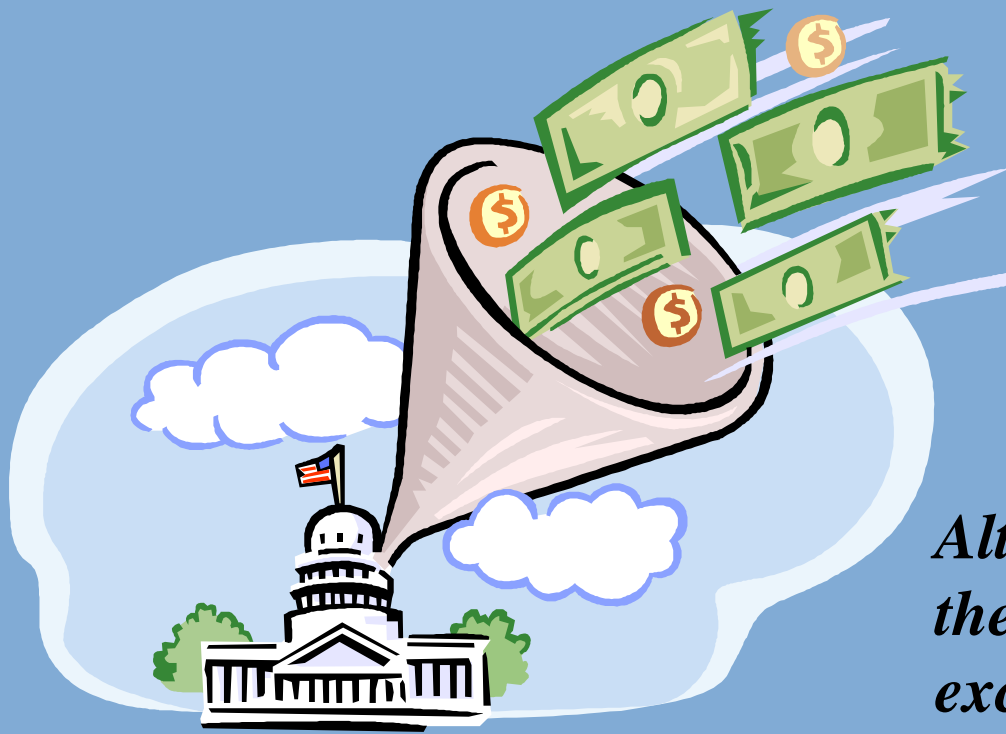


U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# VA Alternative Fuels Tax

*The Virginia excise tax on gasoline is \$0.175 per gallon*



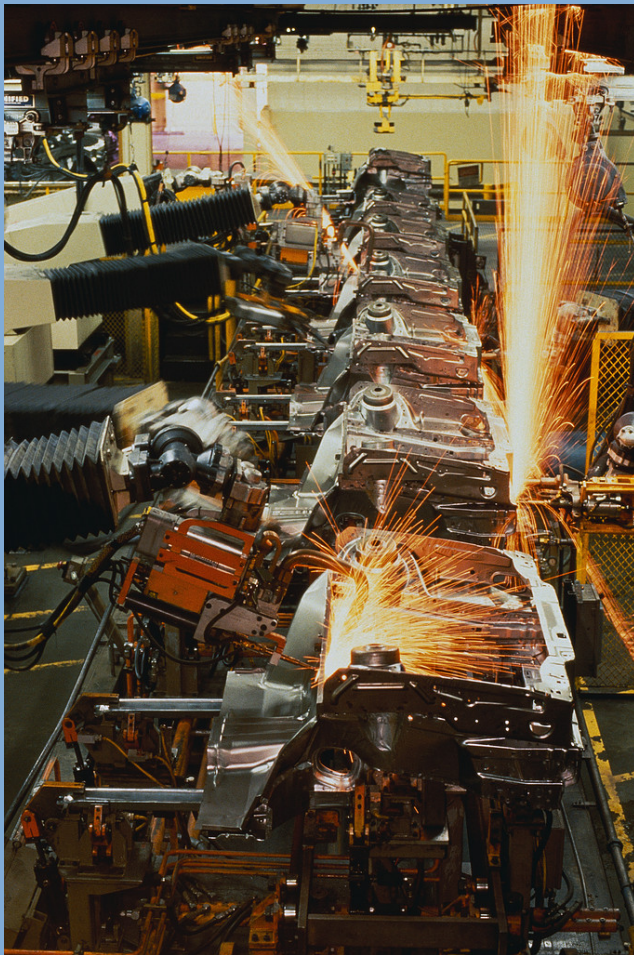
*Alternative fuels are subject to the same tax rate, with rare exceptions*



U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# AFV Job Creation Tax Credit





U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# E85 in Virginia-Maryland-DC

- Objective: Use grants to encourage fuel distributors to provide 12 new public E85 dispensers for use by up to 15,000 private and government Flex Fuel Vehicles
- Financing: \$767,000
  - \$284,000 -- **US Energy Department grant**
  - \$200,000 -- Virginia and Maryland state funds
  - \$283,000 -- Fuel distributors



U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# E85 movers and shakers







# Ethanol used in Virginia

## Environment

### Special Programs

Clean Cities Coalitions

### Alternative Fuels

[Alternative-Fueled Vehicles in Use](#)

Ethanol Plants

### Virginia

Hampton Roads

### Virginia

11,266

0

### Share of U.S.

1.9%

0.0%

### Period

2005

2008

Ethanol Plant Capacity

0 million gal/year

0.0%

2008

Ethanol Use in Gasohol

88,858 thousand gal

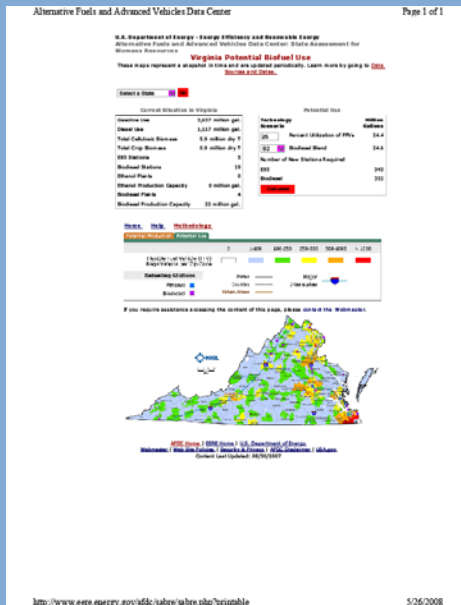
2.4%

2004

<http://tonto.eia.doe.gov/state/index.cfm>



# Ethanol Potential in Virginia



Select a State



Go

## Current Situation in Virginia

Gasoline Use	3,637 million gal.
Diesel Use	1,117 million gal.
Total Cellulosic Biomass	5.9 million dry T
Total Crop Biomass	0.9 million dry T
E85 Stations	5
Biodiesel Stations	19
Ethanol Plants	0
Ethanol Production Capacity	0 million gal.
Biodiesel Plants	4
Biodiesel Production Capacity	22 million gal.

[www.eere.energy.gov/afdc/sabre/index.php](http://www.eere.energy.gov/afdc/sabre/index.php)



U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# Contacts

**Al Christopher**

**Executive Director**

**Virginia Clean Cities**

**[al.christopher@hrccc.org](mailto:al.christopher@hrccc.org)**

**804-436-3867**

**Chelsea Jenkins**

**Hampton Roads Coordinator**

**[cjenkins@hrccc.org](mailto:cjenkins@hrccc.org)**

**[www.hrccc.org](http://www.hrccc.org)**

**757-256-8528**