

# Maine Clean Communities = MC<sup>2</sup>



***A Clean Cities Program Promoting Clean Fuel Vehicles, Energy Independence and Clean Air  
Administered by the Greater Portland Council of Governments***

## **Maine Clean Communities Stakeholders/Steering Committee Meeting**

**Wednesday, August 5, 2009**

**8:30 a.m. – 10:00 a.m.**

**Greater Portland Council of Governments  
68 Marginal Way, Portland, ME 04103**

### **Agenda**

- I. Call to Order
- II. Welcome and Introductions
- III. Announcements
- IV. Short presentation from a Roush Propane F150 owner\*
- V. Project Updates – Local and Statewide
- VI. The latest from U.S. DOE
- VII. Other Business
- VIII. Set Next Meeting Date – October 7, 2009
- IX. Adjourn

\*The Roush Propane powered F150 will be onsite for viewing and test drives after the meeting

## **Information Summary**

### **Stakeholder Meeting – United Technologies Center – June 3, 2009**

Attendees: Dillon Bates (Congressman Michaud's Office); Ralph Chapman (UTC – Bangor); Bob Dawes (City of Bangor); Bill Drinkwater (EVMaine.org); Brian Hallowell (Cummins Northeast); Peter Harkins (Ford PSD Division); Nathan Howard (MaineDOT); Steve Katona (Maine V2G); Jon Kill (Quirk Auto); Steve Lambert (MSAD 6); Ricci More, (City of Brewer); Phillip Pelletier (Freightliner of Maine); Tom Quirk (Quirk Auto); George Skillin (City of Brewer); Maria Weinberger (Town of Orono); Gene Weldon (LANE Construction)

Note: There is no record of the meeting as there was no one present to take minutes. The following information was handed out and discussed by the group.

#### **Resources on the U.S. Department of Energy, Clean Cities website**

<http://www1.eere.energy.gov/cleancities/>

#### **Clean Cities 2009 Vehicle Buyer's Guide**

<http://www.afdc.energy.gov/afdc/pdfs/43846.pdf>

#### **Model Year 2009: Alternative Fuel and Advanced Technology Vehicle specifications**

[http://www.afdc.energy.gov/afdc/pdfs/my2009\\_afv\\_atv.pdf](http://www.afdc.energy.gov/afdc/pdfs/my2009_afv_atv.pdf)

##### I. Natural Gas

This two-page Clean Cities fact sheet is a primer on natural gas transportation applications. The fact sheet describes the performance and availability of natural gas as a vehicle fuel, as well as the performance and cost of natural gas vehicles.

<http://www.afdc.energy.gov/afdc/pdfs/42946.pdf>

##### II. Ethanol Basics

This six-page Clean Cities fact sheet contains information on the production of ethanol, vehicle applications, energy balance, and greenhouse emissions. It also discusses the impact of ethanol on food production.

<http://www.afdc.energy.gov/afdc/pdfs/43835.pdf>

##### III. Petroleum Reduction Planning Tool

The Petroleum Reduction Planning Tool is an interactive application that allows fleets, consumers, and business owners to develop petroleum reduction strategies by selectively choosing from eight different methods to accomplish their goals. The tool automatically calculates petroleum use reductions generated from the deployment of hybrids, alternative fuels, biodiesel blends, improved fuel economy, idling reduction, and vehicle miles traveled reductions. The Petroleum Reduction Planning Tool is available in the Alternative Fuels and Advanced Vehicles Data Center (AFDC) [Fleet section](#).

#### **Clean Cities Grant Funding**

Maine Clean Communities collaborated with Vermont, Granite State, Rhode Island and Massachusetts Clean Cities Coalitions to submit one New England proposal for Clean Cities, American Recovery and Reinvestment Act (ARRA) funding. Maine's portion includes 4 propane school buses, 1 propane fuel site, 1 MD propane truck, 3 hybrid school buses and 2 hybrid bucket trucks. Award announcements are expected by mid-August. See back page for full project summary...

## **124<sup>th</sup> Maine Legislature**

### **LD 799**

**"An Act To Encourage Clean Fuel Vehicle Economic and Infrastructure Development by Extending the Tax Credit"**  
(Emergency)

Sponsored by **Senator Lawrence Bliss**

Reference Committee **Taxation**

Last House Action **5/18/09 - PASSED TO BE ENACTED.**

Last Senate Action **5/19/09 - On motion by Senator DIAMOND of Cumberland PLACED ON THE SPECIAL APPROPRIATIONS TABLE pending ENACTMENT - Emergency -2/3 Elected Required in concurrence**

### **LD 671**

**"An Act To Exempt Clean Fuel Vehicles from Sales Tax"**

Sponsored by **Senator Christopher Rector**

Last Senate Action **5/21/09 - Pursuant to Joint Rule 310.3 Placed in Legislative Files (DEAD)**

### **LD 589**

**"An Act To Encourage the Production of Liquid Biofuels"**

Sponsored by **Representative Steven Butterfield**

Reference Committee **Taxation**

Last House Action **5/5/09 - PASSED TO BE ENACTED.**

Sent for concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **5/6/09 - On motion by Senator DIAMOND of Cumberland PLACED ON THE SPECIAL APPROPRIATIONS TABLE pending ENACTMENT in concurrence**

### **LD 389 (HP 296)**

**"An Act To Facilitate the State's Existing Commitment to the Production of Liquid Biofuels"**

Sponsored by **Representative Steven Butterfield**

Reference Committee **Utilities and Energy**

Last House Action **5/5/09 - PASSED TO BE ENACTED.**

Sent for concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **5/6/09 - PASSED TO BE ENACTED in concurrence**

Governor Action **Signed by the Governor**

Chapter **124**

Final Law Type **Public Law**

Date **5/12/09**

### **LD 846**

**"Resolve, Directing the Department of Transportation To Study Ways To Reduce Energy Use and Promote Efficiency along Major Transportation Corridors"**

Sponsored by **Representative John Piotti**

Reference Committee **Transportation**

Last House Action **5/7/09 - FINALLY PASSED. ROLL CALL NO. 62**

(Yeas 88 - Nays 51 - Absent 12 - Excused 0)

Sent for concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **5/12/09 - FINALLY PASSED in concurrence**

Governor Action **Signed by the Governor**

Chapter **42**

Final Law Type **Resolve**

Date **5/15/09**

**LD 886**

**"An Act To Secure Maine's Energy Future"**

Sponsored by **Speaker Hannah Pingree**

Reference Committee **Maine's Energy Future**

Last House Action **3/5/09** - Committee on **Maine's Energy Future** suggested and ordered printed.

The Bill was **REFERRED** to the Joint Select Committee on **MAINE'S ENERGY FUTURE**.

Sent for concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **4/28/09** - Pursuant to Joint Rule 310.3 Placed in Legislative Files **(DEAD)**

**LD 974**

**"An Act To Decrease the Automobile Excise Tax and Promote Energy Efficiency"**

Reference Committee **Taxation**

Last House Action **3/10/09** - On motion of Representative WATSON of Bath, the Bill was **REFERRED** to the Committee on **TAXATION**.

Sent for concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **4/9/09** - Pursuant to Joint Rule 310.3 Placed in Legislative Files **(DEAD)**

**LD 1013**

**"An Act To Protect the Environment through Promoting the Use of Clean Fuel Vehicles"**

Sponsored by **Senator Jonathan Courtney**

Reference Committee **Taxation**

Last House Action **3/17/09** - Bill **REFERRED** to the Committee on **TAXATION**.  
In concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **3/17/09** - Committee on Taxation suggested and ordered printed.  
On motion by Senator Perry of Penobscot **REFERRED** to the Committee on **TAXATION**

Ordered sent down forthwith for concurrence

**LD 1341**

**"An Act To Reform Maine's Motor Fuel Tax Laws"**

Sponsored by **Representative Patsy Crockett**

Reference Committee **Transportation**

Last House Action **5/27/09** - Reports **READ**.

On motion of Representative MAZUREK of Rockland, the Majority **Ought Not to Pass** Report was **ACCEPTED**.

Sent for concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **5/28/09** - Reports **READ**

On motion by Senator DAMON of Hancock Majority Ought Not To Pass Report **ACCEPTED** in concurrence

Placed in Legislative Files **(DEAD)**

**LD 436****"An Act To Include Trucks in the Definition of "Low-speed Vehicle""**Sponsored by **Representative Charles Theriault**Reference Committee **Transportation**Last House Action **4/14/09 - PASSED TO BE ENACTED.**Last Senate Action **4/15/09 - PASSED TO BE ENACTED** in concurrenceGovernor Action **Signed by the Governor**Chapter **42**Final Law Type **Public Law**Date **4/21/09****LD 907****"An Act To Amend the Speed Limits for Low-speed Vehicles"**Sponsored by **Representative Jayne Giles**Reference Committee **Transportation**Last House Action **4/15/09 - Reports READ.**On motion of Representative MAZUREK of Rockland, the Majority **Ought Not to Pass** Report was **ACCEPTED**.

Sent for concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **4/16/09 - Reports READ**On motion by Senator DAMON of Hancock Majority Ought Not To Pass Report **ACCEPTED** in concurrencePlaced in Legislative Files **(DEAD)****LD 648****"An Act To Allow the Operation of Low-speed Vehicles on Higher-speed Roads"**Sponsored by **Representative Melissa Innes**Reference Committee **Transportation**Last House Action **2/19/09 -** Committee on **Transportation** suggested and ordered printed.Last Senate Action **4/7/09 -** Pursuant to Joint Rule 310.3 Placed in Legislative Files **(DEAD)****LD 37****"An Act To Allow a Weight Tolerance for Vehicle Auxiliary Power Units"**Sponsored by **Representative Charles Theriault**Reference Committee **Transportation**Last House Action **3/5/09 - PASSED TO BE ENACTED.**Last Senate Action **3/10/09 - PASSED TO BE ENACTED** in concurrenceGovernor Action **Signed by the Governor**Chapter **3**Final Law Type **Public Law**Date **3/13/09****LD 389****"An Act To Facilitate the State's Existing Commitment to the Production of Liquid Biofuels"**Sponsored by **Representative Steven Butterfield**Reference Committee **Utilities and Energy**Last House Action **5/5/09 - PASSED TO BE ENACTED.**Last Senate Action **5/6/09 - PASSED TO BE ENACTED** in concurrence

Governor Action **Signed by the Governor**

Chapter **124**

Final Law Type **Public Law**

Date **5/12/09**

**LD 1352**

**"An Act To Exempt from Taxation Biodiesel Fuel Produced for Personal Use"**  
(Emergency)

Sponsored by **Senator Philip Bartlett**

Reference Committee **Taxation**

Last House Action **5/28/09** - Committee on **Bills in the Second Reading** Reports no further verbal amendments necessary Representative HAYES, Chair, House of Representatives Report Accepted.

CONSENT CALENDAR - SECOND DAY.

The Bill was **PASSED TO BE ENGROSSED as Amended by Committee Amendment "A" (S-224)**

In concurrence. ORDERED SENT FORTHWITH.

Last Senate Action **5/28/09** - COMMITTEE ON BILLS IN THE SECOND READING REPORTS NO FURTHER VERBAL AMENDMENTS NECESSARY Senator Damon, Senate Chair. REPORT ACCEPTED.

**READ A SECOND TIME PASSED TO BE ENGROSSED AS AMENDED BY Committee Amendment "A" (S-224)**

Ordered sent down forthwith for concurrence

Amendment **Emergency** removed

The Vermont Clean Cities Coalition in partnership with a five state collaborative representing state, municipal, metropolitan transportation authority, non-profit entities and private sector partners in five New England states is seeking funding to build a regional alternative fuel infrastructure. The partners include:

Vermont Clean Cities Coalition  
Granite State Clean Cities  
Coalition

**Maine Clean Communities**

Ocean State Clean Cities  
Massachusetts Clean Cities  
Coalition

Keene State College  
University of Vermont

Massachusetts Department  
of Energy Resources

Vermont Agency of Natural  
Resources

New Hampshire Department of  
Environmental Services, Air Quality  
Division

**Greater Portland Council of  
Governments**

Burlington, Vermont Public  
Works Department  
Burlington International  
Airport, Vermont

**Town of Scarborough,  
Maine**

**Portland, Maine Public  
Schools**

**Bonny Eagle School**

**District (SAD 6) Maine**

City of South Burlington, Vermont

School District

Town Of Williston, Vermont

School District

EVERmont

Quebec-Labrador Foundation

Vermont Gas Systems

National Grid

AVSG

Casella Waste Systems

Farrell Distributing

Coca-Cola Bottling Company

Koffee Kup Bakery

**Lucas Tree**

The project will support the creation or upgrades to natural gas, propane, electric, and hydrogen fueling stations and support the purchase of natural gas, propane, electric and hybrid vehicles in five New England states. This infrastructure will create a bridge between existing facilities in neighboring states and Quebec and create a critical mass of AFV vehicles to enable transformational change in the transportation sector in the region. The project will:

- 80.9 US jobs will be created or retained through this funding.
- 193 alternative fuel vehicles will be acquired or retro-fitted through this funding.
- 8 new alternative fuel infrastructure (CNG and Propane) will be developed and one will be updated (Hydrogen).
- 1,278,236 Gallons of gasoline will be displaced annually.

Using the AirCRED model of the Argonne National Laboratory, this project will displace the following:

TOTAL ANNUAL POUNDS	CO Credit	VOC Credit	NOx Credit	PM 2.5 Credit	GHG Credit
Vermont CNG	2,683.5	289.6	12,280.9	157.6	118,184.0
Electric Cars	603.6	34.2	61.3	0.4	12,258.0
Hybrid Taxis - Mass	145,894.20	8,931.30	17,811.70	26.8	3,456,447.50
Maine vehicles	1,909.8	147.90	3,361.40	49.6	56,459.90
National Grid RI	561.5	62.40	2,913.80	37.5	7,504.30
National Grid MA	2,560.2	232.60	3,185.70	37.5	52,796.40
NH Vehicles	373.6	36.80	961.00	12.9	10,320.10
<b>TOTAL</b>	<b>154,586.5</b>	<b>9,734.8</b>	<b>40,575.8</b>	<b>322.3</b>	<b>3,713,970.2</b>

There are seven distinct elements to this project:

1. Building a CNG Corridor
2. Northern New England Electric Vehicle Lease Program
3. Sustainable Transportation through Sustainable Hydrogen
4. Propane in Maine
5. Hybrids Vehicles in Maine, Massachusetts and New Hampshire
6. Biodiesel blending pumps
7. Public Awareness Campaign and Project Management

The projects in this proposal are “shovel ready” with vehicle deployment and infrastructure development occurring within 7 months of award. The public awareness campaign and data collection and reporting will run for four years. This project is requesting \$13,116,427 in federal funds which will be matched by \$24,239,867 in non-federal sources for a total project of \$37,356,294 over the 4 years of performance. This is providing 65% cost shar