

# Clean Cities Survey Report

## Coordinator and Coalition Info 2008

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## Report Information

- |  |      |
|--|------|
| <b>1. Report Year</b>  | 2008 |
| <b>2. Coordinator(s) hours per week on Clean Cities?</b>   | 16   |
| <b>3. How long (in years) have you been the coordinator?</b>                                     | 2.3  |
| <b>4. Total dues collected?</b>  | \$0  |
| <b>5. How much funding is obtained from other sources to cover coalition operating expenses?</b> | \$0  |

### Stakeholders

- |   |   |
|---|---|
| <b>6a. Number of stakeholders?</b>  | 79  |
| <b>6b. Number of private sector stakeholders?</b>                                       | 53  |
| <b>6c. Number of new stakeholders?</b>  | 2   |
| <b>7a. Does the SEO provide any financial support to the coalition or stakeholders?</b> | Yes   |
| <b>7b. If so, explain.</b>  | The NH Office of Energy & Planning provided \$22,500 -- a reduction from \$27,500 due to cuts in SEP funds. |
| <b>8. How would you rate the quality of the data on your survey:</b>                    | Good  |
| <b>9. How do you obtain most of your data for the survey? Check each that applies:</b>  | Paper or Electronic Surveys to stakeholders, Survey stakeholders by phone, Coalition records, Estimates     |

10. Has your coalition registered with [www.grants.gov](http://www.grants.gov)? Yes

11. Has the report been completed? Yes

## Stations

FUEL_TYPE	STATION_TYPE	NUMBER OF STATIONS
Biodiesel	Public	1

## Alternative Fuels OUTREACH

Activity Name	Activity Date	Technology	Activity Type	Pct Coalition	Audience	Persons Reached	Notes
Biodiesel Day	01/11/2008	BLENDS	Advancing the Choice	100	Government, Public, Other	50	Encouraged the ski industry to use biodiesel.
School Bus Driver Recognition	04/11/2008	BLENDS	Meeting	20	Public, General Fleets, Public Transport	100	
Energy Fair - Bethlehem	04/05/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	5	Government, Public	300	
Energy Fair - Vectron	04/15/2008	AFV HEV BLENDS VMT IR	Advancing the Choice	5	Public	50	
Reducing Diesel Emissions wkshp	04/07/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	85	Government, Public, General Fleets, Airport, Waste, Utility, Delivery, Public Transport	50	
Discover Wild NH Day	04/26/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	5	Public	5,000	
Clean Air Hike	04/30/2008	AFV HEV	Advancing	100	Public	80	

		BLENDS VMT IR	the Choice				
Bike/Walk to Work Day	05/16/2008	AFV HEV BLENDS FE VMT IR	Literature Distribution	100	Government, Public	100	
Dondero School	05/16/2008	AFV HEV BLENDS FE VMT IR	Meeting	100	Public	60	
Swiss Ray Energy Fair	06/11/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	5	Public, General Fleets	75	
Grand Opening Rymes Blending Fac.	06/26/2008	AFV BLENDS IR	Media Event	100	Government, Public, General Fleets	40	
Energy Fair at Meadowbrook	07/23/2008	AFV HEV BLENDS FE VMT IR	Literature Distribution	5	Public	5,000	table set up at entry to Crosby Stills Nash & Young concert.
Energy Fair - Nashua	08/09/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	25	Public, General Fleets	60	
Energy Fair - NHBB Laconia	08/14/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	5	Public	200	
Bus Driver Training	08/21/2008	BLENDS IR	Meeting	25	Public, General Fleets, Public Transport	20	
Greener Hopkinton Fair	09/14/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	5	Public	50	
Energy Fair -	09/14/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	5	Public	300	
Energy Fair -- Millipore	11/18/2008	AFV HEV BLENDS FE VMT IR	Advancing the Choice	5	Public	75	

## Overall AFV Reporting

AFV Class	AFV Fuel	Number of AFVs	Percentage of Use	Fuel Used	GGE Displaced	Notes
Heavy-Duty	B100 - 100 percent Biodiesel	63		17400	17,661	
Light-Duty	CNG - Compressed Natural Gas	26		11470	11,470	
Heavy-Duty	CNG - Compressed Natural Gas	6		3204	3,204	
Heavy-Duty	Electricity	1	100		4,179	
Light-Duty	Electricity	18	100		3,854	
Heavy-Duty	LPG - Liquefied Petroleum Gas	58	100		242,400	
Light-Duty	LPG - Liquefied Petroleum Gas	17	100		7,279	

**Total GGE's: 290,047**

## Overall HEV Reporting

HEV Class	Vehicle Type	Total HEV	GGE Displaced	Notes
Light-Duty	Hybrid	7000	749,330	I wasn't able to receive information from our DMV. The estimate provided was developed w/ the NH Auto Dealers Association. There is much more demand for hybrids in the state than currently available vehicles.

**Total GGE's: 749,330**

## Niche Market Classification of Net Reported Total AFVs/HEVs

Class	Fuel Type	Niche Market	Total
Light Duty	HEV - Hybrid Electric Vehicle	Airport	3
Heavy Duty	B20 - 20 percent Biodiesel	Transit	17

Heavy Duty	Other	Transit	14
Heavy Duty	LPG - Liquefied Petroleum Gas	Transit	1
Heavy Duty	B20 - 20 percent Biodiesel	Utility	14
Light Duty	NEV - Neighborhood Electric Vehicle	Maintenance	6
Light Duty	HEV - Hybrid Electric Vehicle	Maintenance	1
Light Duty	LPG - Liquefied Petroleum Gas	Off-road vehicles	1
Heavy Duty	B20 - 20 percent Biodiesel	Maintenance	8
Light Duty	B20 - 20 percent Biodiesel	Maintenance	17
Heavy Duty	B20 - 20 percent Biodiesel	Off-road vehicles	16
Heavy Duty	B20 - 20 percent Biodiesel	State Government LDVs	89
Light Duty	CNG - Compressed Natural Gas	State Government LDVs	18
Light Duty	HEV - Hybrid Electric Vehicle	State Government LDVs	4
Light Duty	HEV - Hybrid Electric Vehicle	State Government LDVs	17
Light Duty	LPG - Liquefied Petroleum Gas	Off-road vehicles	5
Heavy Duty	B20 - 20 percent Biodiesel	Delivery/Transport	29
Heavy Duty	LPG - Liquefied Petroleum Gas	Delivery/Transport	53
Light Duty	LPG - Liquefied Petroleum Gas	Delivery/Transport	15
Heavy Duty	B20 - 20 percent Biodiesel	School Bus	31
Heavy Duty	B20 - 20 percent Biodiesel	Local Government LDVs	137
Light Duty	B20 - 20 percent Biodiesel	Local Government LDVs	2
Light Duty	Electric	Local Government LDVs	2
Light Duty	HEV - Hybrid Electric Vehicle	Local Government LDVs	2

## Grants

Grantor	Grant Amount (\$)	Amount of Leveraged Funds (\$)	Leveraged Grantor	Purpose of Grant	Grant Details

## Truckstop Electrification

Project Name	Project Date	Number of Bays	Pct Coalition	Hours Used	GGE Displaced	Notes

## Onboard Idle Reduction

Project Name	Project Date	Number of Vehicles	Type of Equipment	Pct Coalition	Hours Used	Gal/Vehicle/hr Saved	GGE Diesel Saved	Notes

## Other Idle Reduction

Project Name	Project Date	Number of Vehicles	Type of Project	Type of Vehicle	Idling Minutes	Pct Coalition	Days Yr	Gals Vehicle	GGE	Notes
NH Clean School Bus Initiative	04/01/2003	2500	Idling time reduction	School Bus	30	100	180		125,609	continue to encourage bus drivers to sign the clean air pledge to reduce idling.
Green Slopes	07/27/2007	12480	Idling time reduction	General Public	20	100	120	.4	199,680	this program encourages the reduction of idling at ski areas both for the drop off/pick up of vehicles & buses. Many ski areas now have buses park off-site and turn off their engines rather than idle at the

										drop off area.

**Total GGE's: 325,289**

## Blends

Project Name	Project Date	Blend	Gallons	Project Motivation	Percent from Coalition	GGE	Notes
B5 Inventory 2008	01/01/2008	B5	77520	Voluntary	15	592	
B10 Inventory	01/01/2008	B10	51600	Voluntary	15	788	
B20 Inventory	01/01/2008	B20	585497	Voluntary	15	17,885	

**Total GGE's: 19,265**

## Fuel Economy Improvement

Project Name	Project Date	Original Fuel- New Fuel	Old FE	New FE	Pct Coalition	Number of Vehicles	VMT	GGE	Method	Notes

## VMT Reduction

Project Name	Project Date	Method	Fuel Type	Pct Coalition	Fuel Economy	GGE	Number of Vehicles	VMT Reduction/Vehicle	Notes

## Off-Road

Application	Alternative fuel	Number of Vehicles	GGE Saved	Notes
Forklifts	100 Percent Biodiesel	9	3,500	
Other	100 Percent Biodiesel	12	772	
Construction equipment	100 Percent Biodiesel	35	13,670	

**Total GGE's: 17,942**

**Grand Total GGE's: 1,401,872.21**