

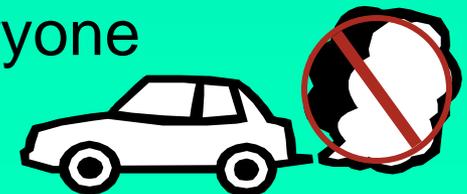
New Hampshire's Idling Reduction Programs and State Funding Opportunities

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Idling Reduction Efforts

- Compliance Assistance Program for Fleet Owners and Operators – Smoke Opacity and Idling for Truck Fleets
- N.H. Clean School Bus Initiative - Idling Reduction Campaign
- Green Slopes – N.H. Ski
- N.H. Hospital Association's Idling Reduction Initiative
- Overall idling reduction campaign for everyone



Why worry about trucks?

Did you know that

- If a truck sits idling for 3 hours a day, 5 days a week, for 52 weeks, that's 780 hours.
- One hour of idling burns a gallon of diesel fuel.
 - At \$4.00 per gallon, this equates to a cost of \$3,120.
 - This is equivalent to an additional 62,000 miles in terms of engine wear
- Idling trucks also produce unnecessary amounts of particulate matter, carbon dioxide, nitrogen oxides, volatile organic compounds, and carbon monoxide.



Sources: Argonne National Laboratory and American Trucking Association

NH's Approach – Focus on the Benefits of Not Idling

- Saves fuel and money
- Reduces wear and tear on engine
- Reduces pollution
- Improves air quality in immediate vicinity
- Protects health of passengers and drivers
- Good neighbor policy!



Key points of Recommended Idling Reduction Guidelines

- Based on NH State Regulations (Env-A 1100)
 - Maximum idling times based on outside temperatures
- Follow manufacturers' suggestions for warm-up or cool-down times
- Tailored for targeted audience



NH Regulations

- When idling is necessary, limit according to state regulations
 - Above 32° idle no more than 5 minutes
 - Between -10° and 32° no more than 15 minutes
 - Below -10° no limit



Sample Guidelines for School Buses

Reducing Idling is Easy and Cost Effective!

- Idling period not to exceed 2 minutes when possible.
- Engines off while waiting for passengers to board at place of origin.
- Upon arrival shut engines off as soon as possible.



Outreach Strategies and Materials

- Develop partnerships – NH School Transportation Association, NHMTA, NH DOT
- Sample guidelines, tip cards, magnets, signs, bookmarks, key chains, pledge cards, newsletters, dashboard stickers
- Recognition and publicity
- Strong support from EPA



What's Next for NH?

- More emphasis on on-board idling reduction technology.
- More efforts at the local level – schools, government, businesses, hospitals, and ski areas.
- Increased efforts at truck and bus stops, delivery areas, and refueling sites.
- More emphasis on “anti-idling” campaign for everyone!



Funding Opportunities

Granite State Clean Cities RFP



- RFP for Alternative Fuel Vehicles and Fueling Infrastructure
- Funding through CMAQ grant for projects in southern four counties (non-attainment areas)
- Eligible projects include:
 - Purchase or lease of dedicated AFVs (e.g., natural gas, propane, hydrogen)
 - Purchase or lease of medium and heavy hybrid-electric vehicles
 - Purchase or lease of electric vehicles and charging infrastructure
 - Installation of infrastructure for alternative fuels
- Funding available for 33.6% of projects costs; applicants to provide 66.4% match

Funding Opportunities

- Potential assistance provided through DOE funding to DES
- Future CMAQ funding will be very limited and not available for several years due to over budgeting of highway funds
- Funding to NH from Diesel Emissions Reduction Program – stay tuned!



What Are Some Possible Directions?

- Diesel retrofits
- On-board idling technology
- Cooperative partnerships with business and industry



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Thank you!

The End

New Hampshire -
Doing Our Share for Clean Air!