

New Jersey Energy Master Plan
Strategy Template
2005-2020

Instructions

*Use this document as a template for providing suggestions on strategies/actions for specific objectives provided in **Section 2: Goals, Objectives, and Performance Measures**. Using this page as an instruction guide, fill in the blank tables for **each recommended strategy separately and email it to energymasterplan@bpu.state.nj.us***

Objective

*List the objective from **Section 2: Goals, Objectives, and Performance Measures** for which the strategy is submitted.*

Reduce our dependence on oil by cutting our demand for oil used in transportation to one-third below 2005 levels.

Reduce in-state global warming emissions by twenty percent below 2005 levels.

Strategy

Provide a description of the actions needed to achieve the objective.

Urge the federal government to impose fuel-economy standards for heavy-duty trucks and devise strategies to reduce fuel consumption and promote energy efficient technologies in all medium and heavy-duty trucks.

Responsible Party

Provide the name(s) of the agency or organization responsible for the implementation of the strategy.

Office of Governor Corzine, New Jersey Department of Environmental Protection

Timeline of action

List the incremental timeline of action for each strategy up to 2020.

A gradual increase the fuel economy of tractor trailers to increase fuel economy by 50 percent and raise the average fuel economy of heavy-duty trucks from approximately 5.7 miles per gallon to 8.5 miles per gallon.

Strategy outcome

List the expected incremental outcome(s) (results) of the strategy up to 2020.

[Increase fuel economy of tractor trailers by 50 percent and raise the average fuel economy of heavy-duty trucks to 8.5 miles per gallon.](#)

Implementation cost

Provide the implementation cost.

A 2004 study by the American Council for an Energy-Efficiency Economy found that fuel-economy improvements for tractor-trailers of 58 percent are achievable and cost-effective. Calculations of cost-effectiveness were based on diesel fuel prices of \$1.41 to \$1.60 per gallon.

Source of Funding

Provide source of funding to implement the strategy.

N/A

Indicators

List the suggested indicator(s) proposed to measure performance. Provide the data source of the indicator(s)

A. Current state of indicator:

List the current value of the indicator

Fuel consumption by large trucks has been increasing by more than 4 percent per year since the early 1990s. Fuel economy of the largest trucks has been declining, dropping 5 percent between 1997 and 2002.

According to the most recent data available (2002), statewide, New Jersey emits 122 MMTCO2 of carbon dioxide

B. Indicator Projection to 2020

Provide projected value of the indicator by 2020 to meet the expected outcome.

Increase the average fuel economy for tractor trailers by 50 percent and increase the average fuel economy for heavy-duty trucks to 8.5 miles per gallon.

Reduce New Jersey’s carbon dioxide emissions statewide.

<u>SUBMITTED BY</u>	
Name of Organization: Environment New Jersey	
Mailing Address: 11 N. Willow St, Trenton, NJ 08608	
Contact Name: Suzanne Leta Liou	<u>Telephone #: 609-394-8155 x310</u> <u>E-mail address:</u> sliou@environmentnewjersey.org

