

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.

Reduce the Number of Automobile Commutes

Programs that require employers to provide transportation alternatives to their employees can go a long way toward reducing the number of vehicle miles traveled on New Jersey's highways. A vigorous, mandatory trip reduction program, requiring New Jersey employers with more than 100 employees to reduce the number of single-passenger commuting trips by 40 percent by 2012, coupled with New Jersey's history of voluntary ride-reduction efforts and transit infrastructure can provide a solid foundation for the expansion of trip-reduction efforts. Among the programs and measures that can be used to achieve the strategy are the following:

Incentives and preferential parking privileges for carpool and vanpool drivers.

Shuttle service to nearby transit stations

Programs to encourage and facilitate telecommuting

Flexible work schedules that allow workers to commute fewer days of the week

Parking "cash out", which allows employees to receive the value of employer-provided free parking for other uses if they choose not to drive to work

Emergency ride home programs that ensure that workers using transit are not stranded if they need to work late or return home early

Providing secure bicycle storage and changing facilities for employees who bike to work

Reimbursing bicycle and transit mileage for business trips when those modes are comparable in speed to driving

Creating a trip-reduction coordinator and actively promoting commuting benefits to employees

Responsible Party

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

Employers with over 100 employees; the New Jersey Department of Transportation

Timeline of action

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

The program would include all New Jersey employers with more than 100 employees (regardless of whether those employees work at a single worksite or multiple worksites). It will include a goal of reducing commuting miles traveled by 15 percent in 2008, with the goal of increasing by 5 percent over the next two years and by 10 percent in the following year until a 40 percent reduction in commuting miles is achieved in 2012. Expected compliance with the program is 75 percent.

Strategy outcome

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

[Reduce vehicle commutes to work by 40 percent by 2012 for employers with over 100 employees.](#)

Implementation cost

Provide the implementation cost.

Minimal to no implementation cost.

Source of Funding

Provide source of funding to implement the strategy.

The NJ DOT would use current incentive programs for transit/shuttle service and the employers would bear the burden of other related program costs.

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

Commutes were estimated to account for approximately 27 percent of vehicle travel in New Jersey; workers at firms with more than 100 employees were assumed to represent 63 percent of all New Jersey workers.

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.

Reduce vehicle commutes to work by 40 percent by 2012 for employers with more than 100 employees.

New Jersey statewide carbon dioxide savings of 1.64 MMTCO₂ by 2010, 2.87 MMTCO₂ by 2020 and 2.95 MMTCO₂ by 2025.

SUBMITTED BY

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