

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.*

Save energy with high performance homes, buildings and appliances so that we use ten percent less energy than we do today.

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

Strategy

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

Adopt strong appliance standards for new appliances, including:

DVD players and recorders

External power supplies for consumer electronics

Compact audio products

Residential furnaces and boilers

Commercial hot food holding cabinets, walk-in refrigerators and freezers

Bottle-type water dispensers

Responsible Party

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

New Jersey Board of Public Utilities

Timeline of action

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

Adopt efficiency standards not covered by New Jersey's 2005 appliance standards act or federal rules and apply for waivers of pre-emption for others. Allow expedited adoption of future appliance standards, enabling New Jersey to stay on the cutting edge of energy efficiency.

Strategy outcome

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

[Increase energy efficiency standards for common appliances.](#)

Implementation cost

Provide the implementation cost.

Minimal to no cost; possible incentives/rebates for the most efficient appliances

Source of Funding

Provide source of funding to implement the strategy.

New Jersey Clean Energy Fund

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

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.

The American Council for an Energy Efficient Economy and the Appliance Standards Awareness Project estimates that adopting a new set of recommended appliance efficiency standards in New Jersey would reduce electricity demand by 2,137 gigawatt-hours in 2030, reduce natural gas demand by 8,031 million cubic feet and save New Jersey more than \$2 billion over time.

Reduce New Jersey's carbon dioxide emissions statewide by 0.24 MMTCO₂ by 2020, 0.37 MMTCO₂ by 2025

SUBMITTED BY

Name of Organization: Environment New Jersey

Mailing Address: 11 N. Willow St, Trenton, NJ 08608

| | |
|--|---|
| Contact Name: <u>Suzanne Leta Liou</u> | <u>Telephone #: 609-394-8155 x310</u> <u>E-mail address:</u> sliou@environmentnewjersey.org |
|--|---|