

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](mailto: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.*

Strengthen residential building codes so that all new homes consume 30 percent less energy and strengthen commercial building codes so that all new buildings consume 25 percent less energy.

**Responsible Party**

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

New Jersey Department of Community Affairs

**Timeline of action**

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

Adopt a residential energy code equivalent to the current Energy Star homes standard effective in 2010. Adopt a commercial building code capable of reducing energy consumption by 25 percent from the current code effective in 2010.

**Strategy outcome**

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

[Decrease energy consumption for new residential buildings by 30 percent; decrease energy consumption for new commercial buildings by 25 percent.](#)

**Implementation cost**

*Provide the implementation cost.*

Minimal to no cost necessary; minimal cost to offset the price increase for new homes to low-income homeowners.

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*

New Jersey is significantly behind most East Coast states in its adoption of building energy codes. The current residential code is based on the 1995 Model Energy Code and the commercial code is based on the American Society for Heating, Refrigerating and Air Conditioning Engineers 90.1-1999 code.

According to the most recent data available (2002), statewide, New Jersey emits 122 MMTCO<sub>2</sub> of carbon dioxide

B. Indicator Projection to 2020

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

Reduce energy consumption for all new residential homes by 30 percent, reduce energy consumption for all new commercial buildings by 25 percent.

Reduce New Jersey's carbon dioxide emissions statewide by 0.08 MMTCO<sub>2</sub> by 2010, 1.02 MMTCO<sub>2</sub> by 2020, 1.40 MMTCO<sub>2</sub> by 2025

SUBMITTED BY

Name of Organization: Environment New Jersey

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

Telephone #: 609-394-8155 x310

Contact Name: Suzanne Leta Liou

E-mail address:

[sliou@environmentnewjersey.org](mailto:sliou@environmentnewjersey.org)

