

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.

Reduce energy use in the government sector. Specific targets the state should aspire to are:

A 25 percent reduction in energy consumption in government building statewide

A 50 percent reduction in energy consumption from new government buildings

Government purchases of at least 40 percent renewable energy

Replacing government vehicles with the most efficient vehicles available.

Responsible Party

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

Office of the Governor, New Jersey Board of Public Utilities, all relevant state agencies

Timeline of action

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

25 percent reduction in government energy use, beginning in 2007 and phased in over 10 years; 50 percent reduction in new building energy consumption, assuming that all additional government building energy consumption beyond 2006 takes place in new buildings; 40 percent of electricity from renewable energy, assuming that renewable energy displaces nuclear and

fossil fuel generation; replacing government vehicles with the most efficient vehicles available (assume the most efficient vehicles are 30 percent more efficient than current vehicles).

Strategy outcome

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

25 percent reduction in government energy use, 50 percent reduction in new building energy consumption, 40 percent electricity from renewable energy and significant increase in fuel efficiency

Implementation cost

Provide the implementation cost.

Work with the Director of Energy Savings to minimize cost but analyze net financial benefit; there may be necessary incentives for certain programs.

Source of Funding

Provide source of funding to implement the strategy.

If incentives are needed, the 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.

25 percent reduction in government energy use, 50 percent reduction in new building energy consumption, 40 percent electricity from renewable energy and significant increase in fuel efficiency

Reduce New Jersey's carbon dioxide emissions statewide by 0.28 MMTCO₂ by 2010, 0.74 MMTCO₂ by 2020, 0.78 MMTCO₂ by 2025

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