

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.*

Expand use of combined heat and power by developing more than 2,100 MW of new CHP capacity in the commercial and industrial sectors by 2020.

**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.*

2104 MW of CHP would be phased in linearly between 2007 and 2020, with no further increases after 2020.

**Strategy outcome**

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

Add 2100 MW of CHP. Generation from CHP would offset an additional 10 percent of generation from centrally produced power to account for transmission losses from centrally produced power.

**Implementation cost**

*Provide the implementation cost.*

Minimal to no implementation cost, as a result of a net financial benefit to commercial business and industry.

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 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.*

Add an additional 2,100 MW of energy generation from CHP and reduce electricity generation by 10 percent.

Reduce New Jersey's carbon dioxide emissions statewide.

SUBMITTED BY

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