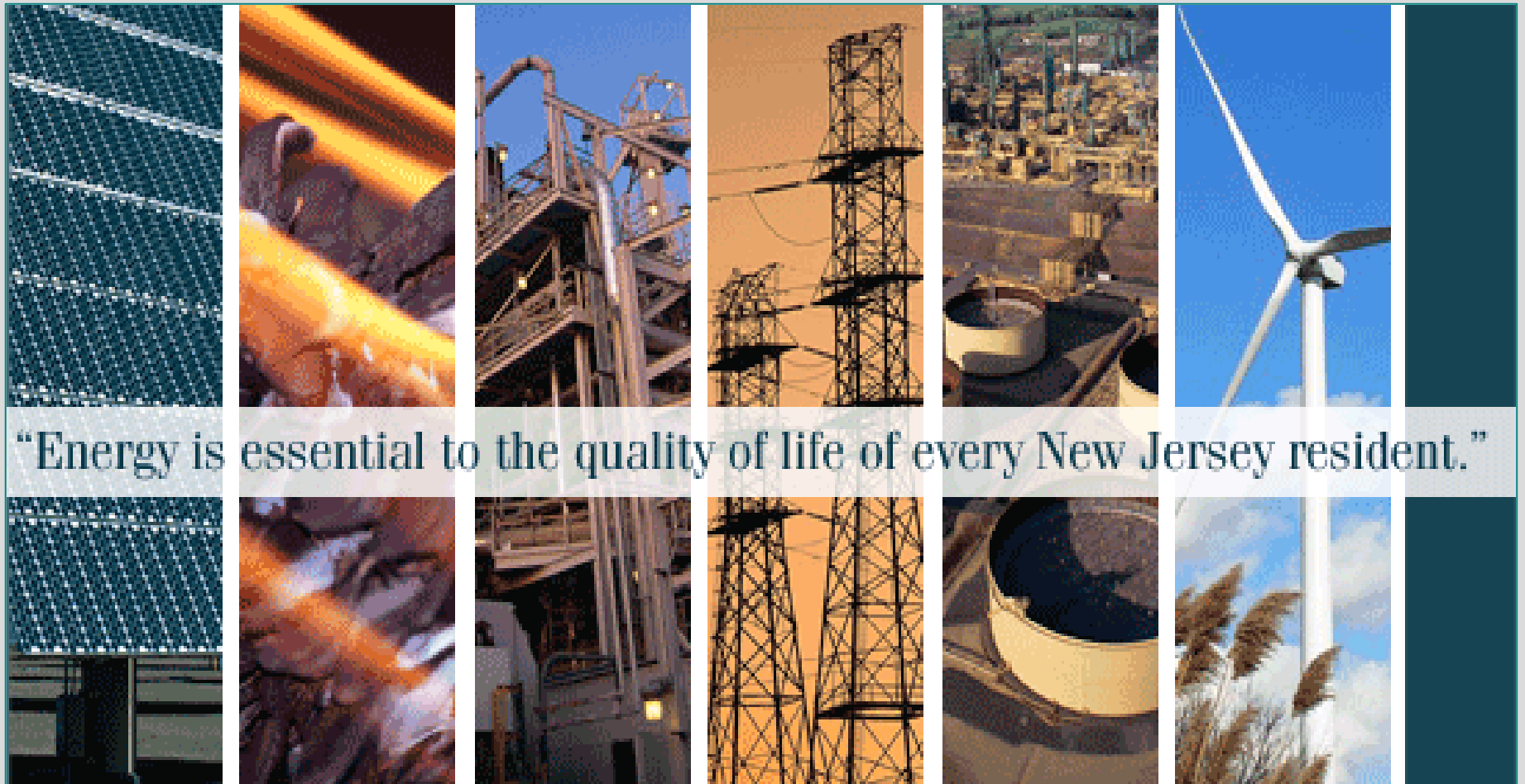


New Jersey Energy Master Plan Implementation Update



Outline of our Discussion

- Goals of the Energy Master Plan
- Implementation Update
- How the “American Recovery and Reinvestment Act” Compliments the EMP

The New Jersey Energy Master Plan



- Reduce projected energy use by 20 percent by 2020.
- Meet 30% of New Jersey's 2020 electricity needs through renewable sources such as wind, biomass and solar.
- Reduce peak demand by 5,700 megawatts by 2020
- Develop 21st Century energy infrastructure
- Invest in clean energy technologies and businesses

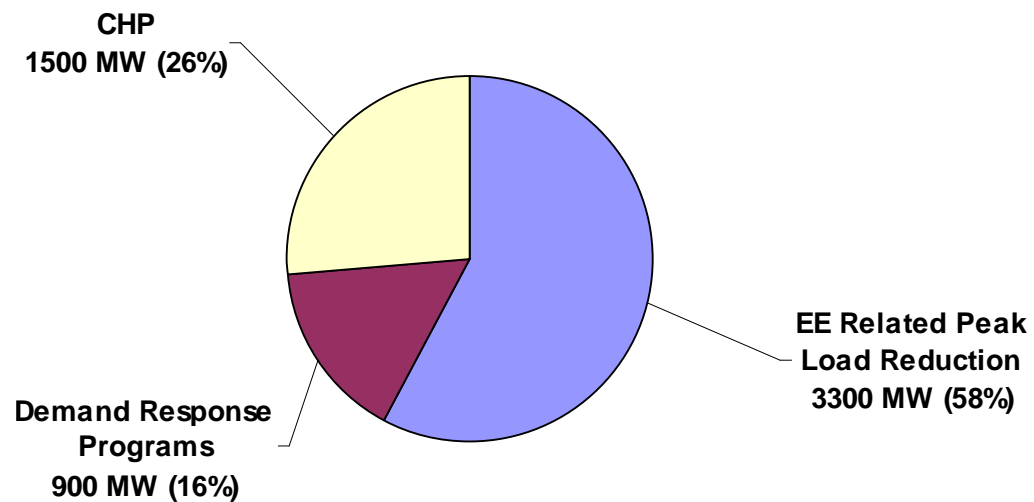
Energy Master Plan Goals

Maximize energy conservation and efficiency to reduce projected energy consumption at least 20% by 2020.

- Transition to utilities
- Statewide building codes
- Efficiency standards for appliances
- Education and outreach

Reduce Peak Demand

**Actions to Achieve
2020 Peak Load Reduction Target: 5,700 MW**



Other Goals

- Meet 30% of New Jersey's 2020 electricity needs through renewables such as wind, biomass and solar.
 - Aggressive policy promoting wind
 - Solar Program
- Develop 21st Century energy infrastructure that ensures system reliability and provides additional tools for energy management
 - 1,500 MW of new cogeneration capacity by 2020
- Invest in clean energy technologies and businesses to stimulate the industry's growth in New Jersey
 - Investments through the NJ Economic Development Authority

The American Recovery and Reinvestment Act

A.k.a. *“The Stimulus”*

New Jersey’s Share

- State Energy Program
- Energy Efficiency & Conservation Block Grants
- Smart Grid
- Appliance Incentives
- Weatherization

State Energy Program Proposal

(Subject to U.S. DOE Approval)

- Guided, first and foremost, by the rules of the game set by the ARRA
- Consistent with:
 - Goals of Governor's Energy Master Plan
 - Current Clean Energy Program
 - The Regional Greenhouse Gas Initiative
 - Efficiency and renewables programs of utilities

State Energy Program Proposal

- Support of technologies and projects that would otherwise not have been able to proceed on the State's current incentives alone
- Support for consumers who might not otherwise have access to resources for investing in clean energy

State Energy Program Proposal

\$15M in grants and loans for EE, RE and alternative energy uses

\$7M for financing program for residential solar through NJHousing and Mortgage Finance Agency

\$8M, also to HMFA, for a low-interest loan program for residential EE

State Energy Program Proposal

**\$20.6M in grants for State-sponsored
RE and EE projects**

**\$17M for EE through Clean Energy
Program**

\$6M NJ Office of Energy Savings

Energy Efficiency and Conservation Block Grants

**Eligible for direct funding: 65 municipalities,
10 counties**

These local governments should begin
application process now! Deadline: June 25.

**State must provide proposal for grants to
local governments not eligible for direct
funding. Deadline: June 25.**

Energy Efficiency and Conservation Block Grants

New!

\$55 Million in competitive grants from the U.S. Department of Energy open only to those local governments not eligible for direct funding.

Regional planning proposals encouraged!



- www.recovery.nj.gov
- www.nj.gov/emp
- www.energy.gov