

# NEW JERSEY'S 2011 ENERGY MASTER PLAN (EMP)

## *Summary of Changes & Additions from the June 2011 Draft EMP*

1. Where applicable, updating of data by Rutgers University's Center for Energy, Economics, and Environmental Policy (CEEEM). These changes are reflected in the charts and graphs and related text explanations, particularly regarding solar.
2. Inclusion of references to the new State Strategic Plan.
3. Acknowledgement of the 22.5 % RPS as a floor and not a ceiling, and explanation of the significant contribution of out of state renewables to achieving NJ's RPS goals.[do we really discuss this that much?; my memory is just one sentence discusses this]
4. Expansion of section entitled "Improve PJM Rules and Processes" (7.1.5) to elaborate more on the details regarding PJM's impact on new generation development.
5. Revision of various policies regarding solar incentives:
  - Reduction of SACP
  - Acceleration of RPS
  - Recommendation to return to % obligation for solar vs. GWh
  - Promote solar installations that provide "dual" energy and environmental benefits
  - Expand opportunities for solar
  - Improve transparency by requiring no-residential proposed solar projects to register with BPU.
6. Revisions to Office of Clean Energy funding issue:
  - Discussion of ongoing RFI/RFP process which will consolidate contractor services
  - Transitioning further to revolving loans and delivering EE and RE programs more efficiently.
  - Elimination of references to establishing an energy efficiency utility in favor of the above process which will accomplish many of the same goals.
7. Deletion of proposal put forth in the draft plan to consider reclassification of waste-to-energy as a class 1 renewable. This final plan keeps the waste designation as a class 2 per the recommendations of the work group and DEP and references the DEP State Solid Waste Management Plan Update process.
8. Additional clarification of the goal to obtain 70% of our energy from "clean" sources.
9. New recommendation to consider a transportation infrastructure bank as a mechanism to fund the development of alternative fuels delivery infrastructure.
10. References State agency panel to discuss future of nuclear in NJ given the closure of Oyster Creek.

11. Enhances the list of innovative energy-related technologies identified in the plan.
12. Increased focus on biomass to energy and fuels (non municipal solid waste)
13. Increased discussion of the opportunities and benefits of alternatively fueled vehicles and partnerships that exist to help develop them further.
14. Increased listing and discussion of innovative energy technologies.
15. Expanded discussion of environmental technology verification process.
16. Expanded discussion of energy efficiency, in particular the State Energy Office and goals of improving ee in state owned facilities and buildings.
17. Increased references to energy conservation
18. Clarification of solar development on brownfields/landfills where supported by local officials as best use of property.
19. Recognition of behavior changes/education as critical to promote and achieve energy conservation and efficiency.
20. Updates on the recently passed legislation as well as CV of the hydraulic fracking legislation.
21. Updates to the sections on Building Codes, mass transit, offshore wind, Green Building Manual and Susquehanna- Roseland project.
22. New sections on: Higher Education Roundtable and Funding New Technologies