

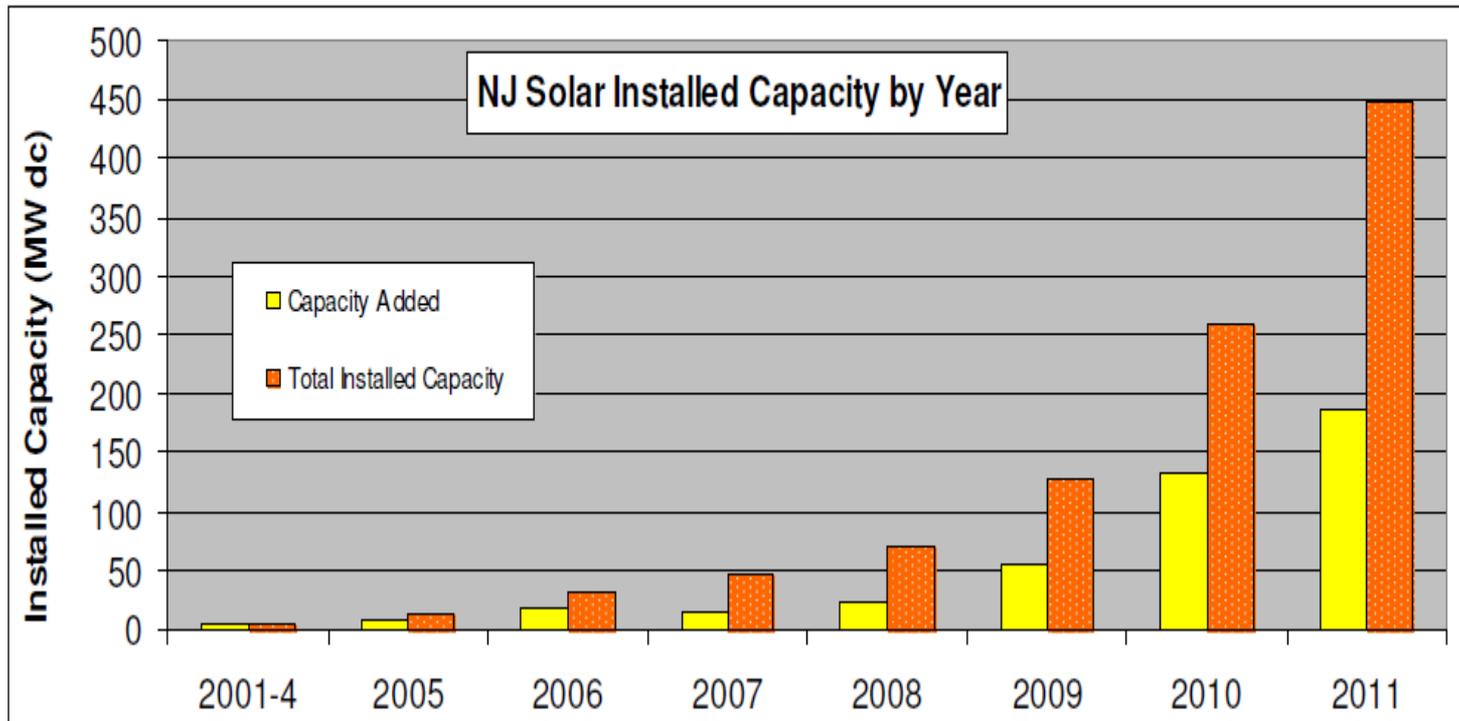
Managing “the Good, the Bad and the Ugly” of Solar Energy



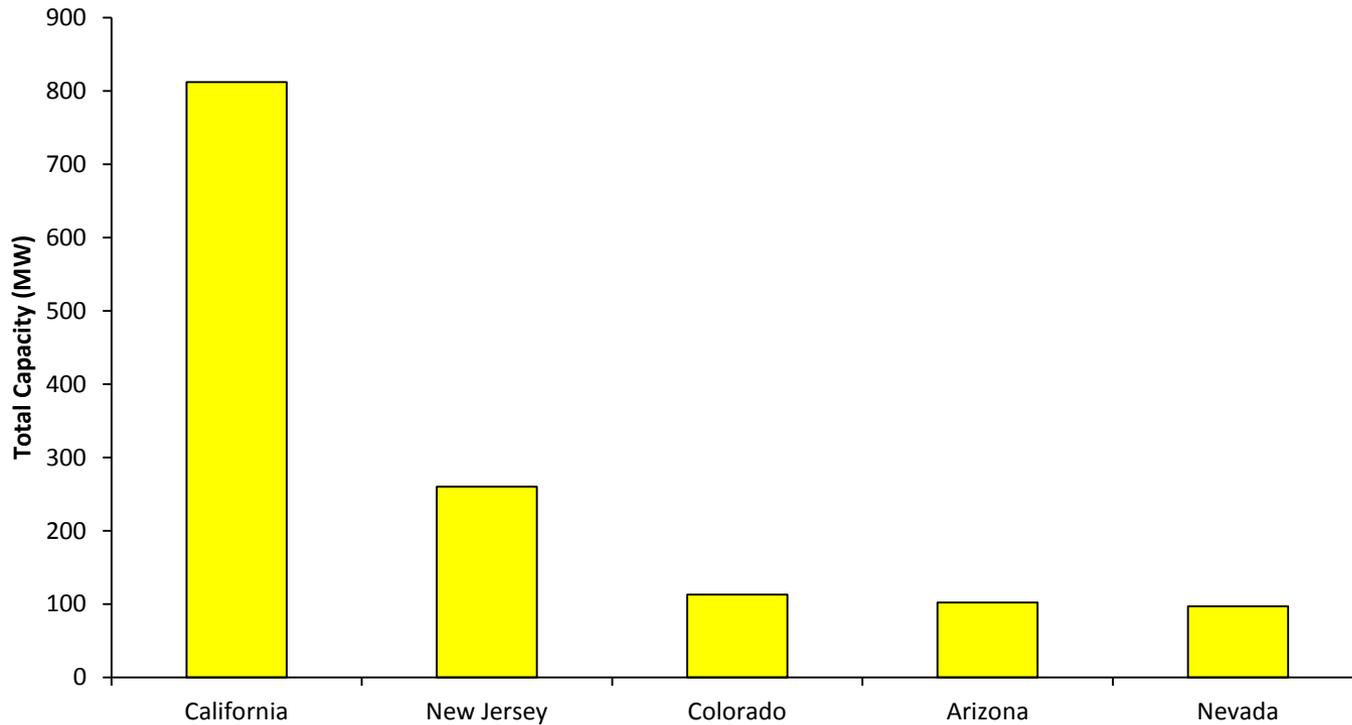
American Planning Association
New Jersey Chapter Conference
November 4th, 2011

Solar Energy is “White Hot” in New Jersey

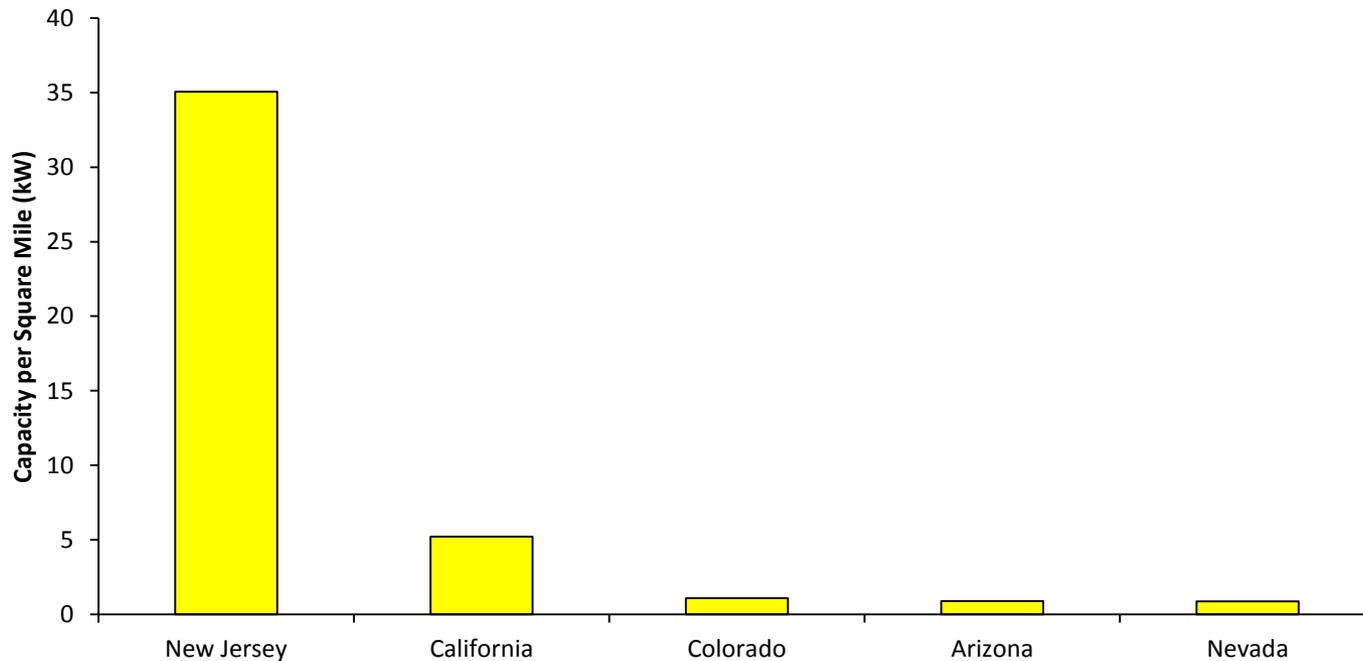
NJ Solar Installations by Year As of 9/30/11



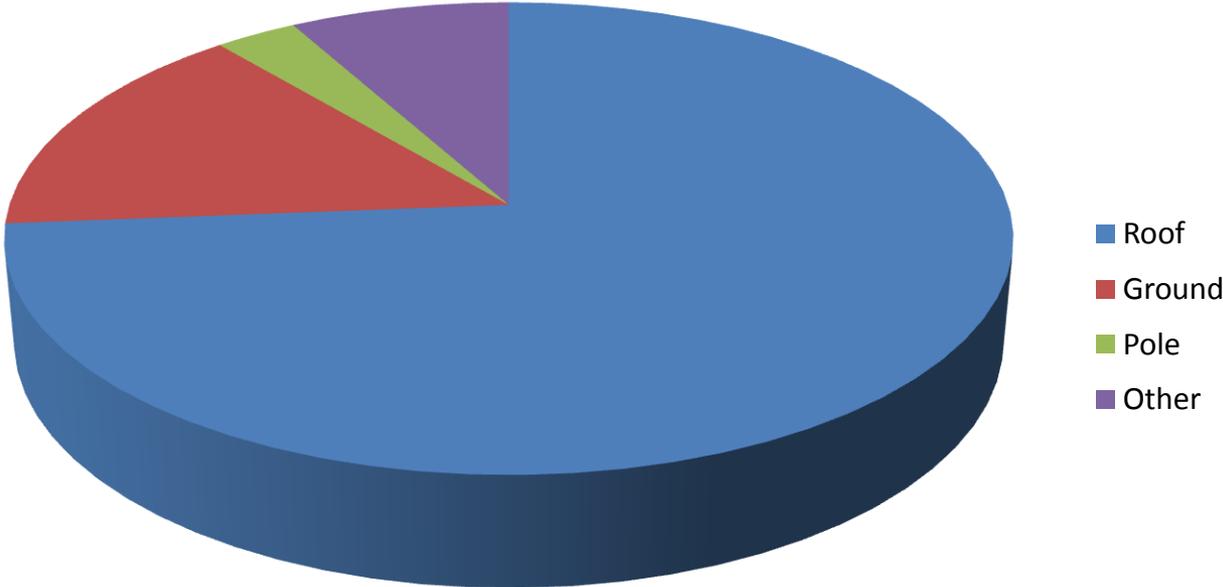
Solar Capacity by State, 12/31/10



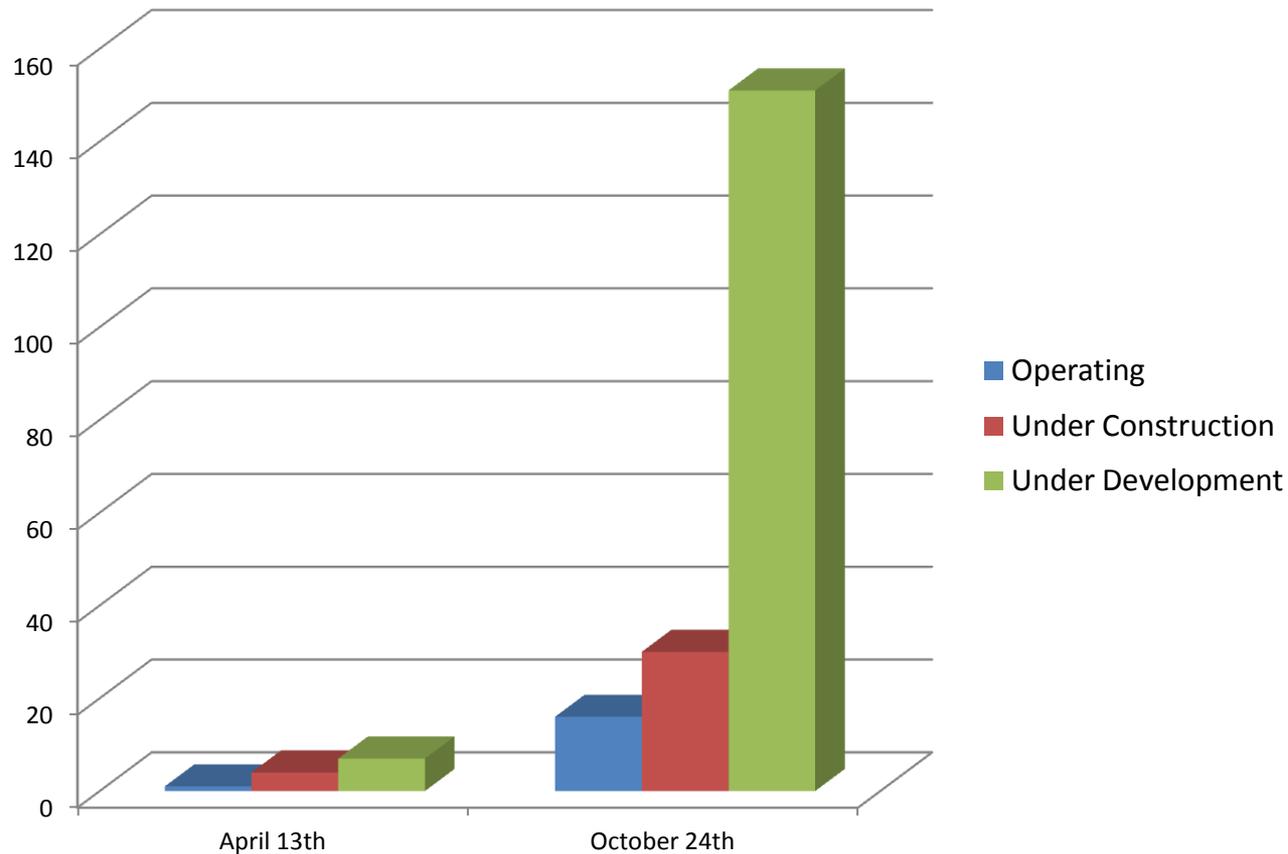
Density of Installed Solar Capacity by State, 2010



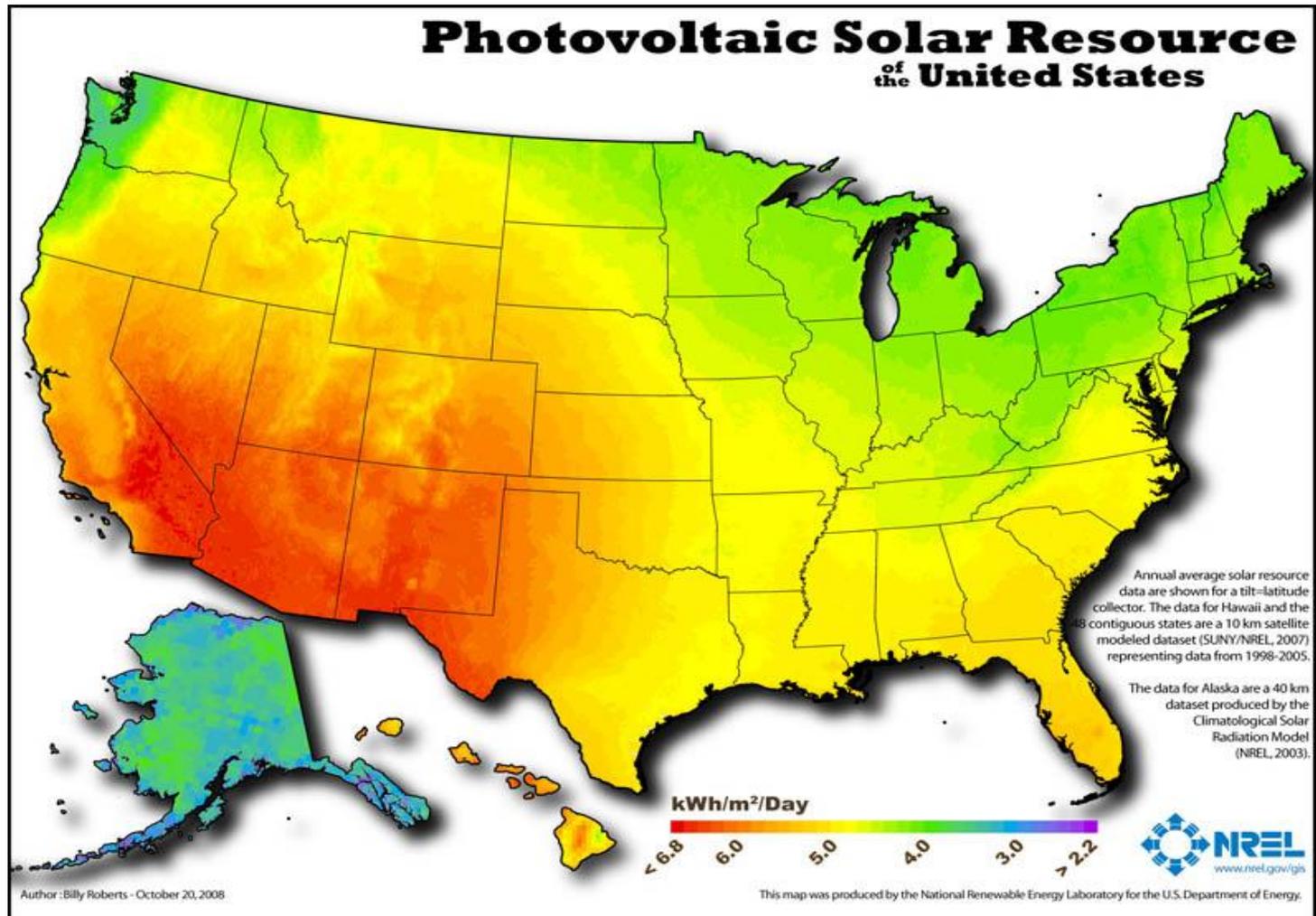
Solar Capacity by Mounting Type, 3/31/11



Number of Grid-Connected Solar Installations in New Jersey



A Market Driven by Incentives, not the Sun

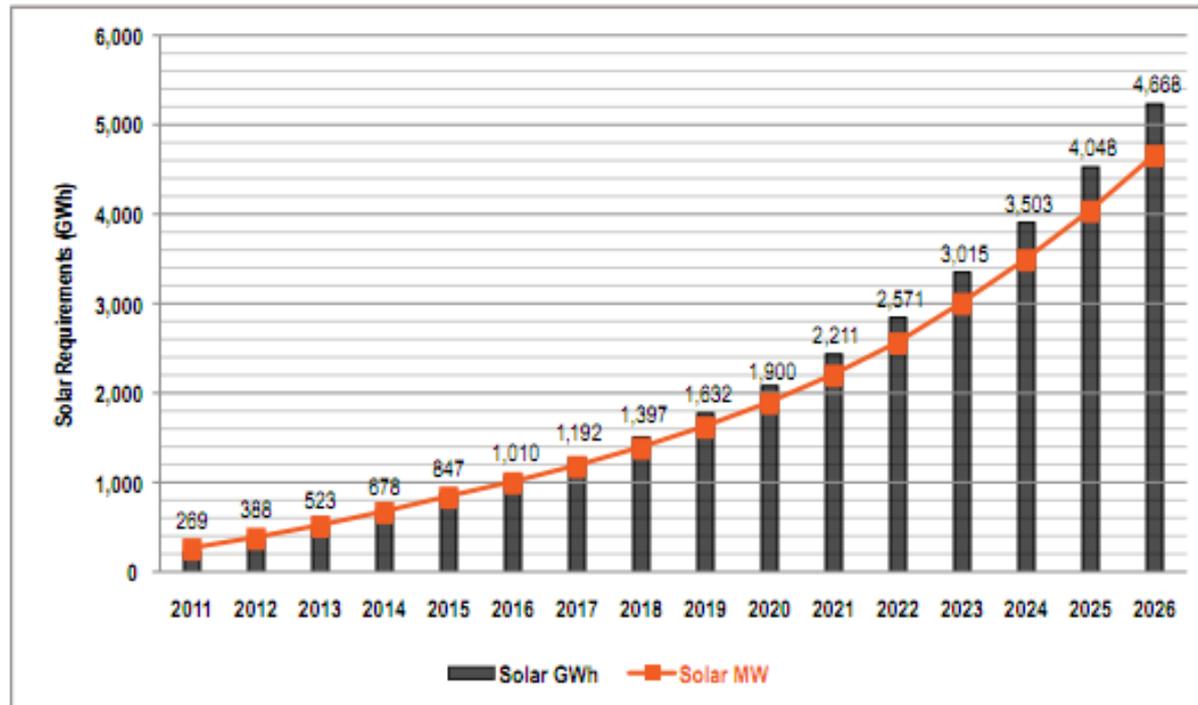


NEW JERSEY

FUTURE

New Jersey's Solar Targets from the Renewable Portfolio Standard

New Jersey Solar GWh and Installed Capacity Projection



Source: Advance & Rutgers Report: Solar Power in the Garden State

Land Use Implications of the 2026 Goal

- Ground mounted systems: 16,000 acres or 24 square miles needed
 - 3% of the state's farmland
- Rooftop systems: 327 million square feet
 - Less than half of NJ's estimated rooftop potential for solar

Source: Assessment of Solar Facility Siting in New Jersey and Implications for Land Use and Smart growth, Prepared for NJF by Jed Drolet, May 2011.

Big Interest in Ground-Mounted Utility-scale Solar Expected, Despite Uncertainty

- Future of incentives:
 - SREQ price stabilization is likely
- Energy Master Plan policy on solar siting:
 - Will incentives be tiered to favor rooftops, landfills, brownfields?
- Infrastructure can impede to the grid
 - Legislation to ease bottlenecks? With or without a land use review process?

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Solar
Research
Paper

Link to
Presentations

NEW JERSEY
Working for Smart Growth:
More Livable Places and Open Spaces

NEW JERSEY FUTURE

Smart Growth 101 About New Jersey Future Issues News Research and Publications Get Involved Donate

Plan Needs Governor's Support
The new state strategic plan reflects the preferences of New Jersey residents.

New Jersey Must Grow Up
The state will need to pursue different development paths in the future.

Report Card on Complete Streets
An interim look at how the state is doing on Complete Streets, and where changes could be made.

2011 Smart Growth Awards
New Jersey Future pays tribute to the state's best smart growth projects.

Photo by Peter Casellini

FUTURE FACTS BLOG

New Jersey Future to Honor Brendan Byrne
November 3, 2011 : 0 comments
Gov. Byrne's administration was marked by a series of landmark measures that have left an indelible impression on New Jersey's landscape.

Planning Association Conference Includes Sessions on Current Smart-Growth Issues
November 2, 2011 : 0 comments
New Jersey Future staff will be speaking on key smart-growth topics at the 2011 APA-NJ annual conference.

New: Information Page on the State Strategic Plan
November 1, 2011 : 0 comments
New Jersey Future has set up an information page that includes a range of resources about Strategic Plan.

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New Jersey Future in the News

- 11/03/2011: Advocate: NJ Job Growth Plan Lacks Standards (Asbury Park Press)
- 11/02/2011: Merging Smart Growth and Economic Development in NJ (Smart Growth America Blog)
- 11/01/2011: Environmental Agency endorses State Economic Growth Plan (NJ Spotlight)
- 10/26/2011: NJ's New Plan for Development Gets High Marks (US 1)
- 10/24/2011: Applauding Economic Growth Plan (NJBIZ)

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