

Technical Assistance Category:

Policy

Technical Assistance Request

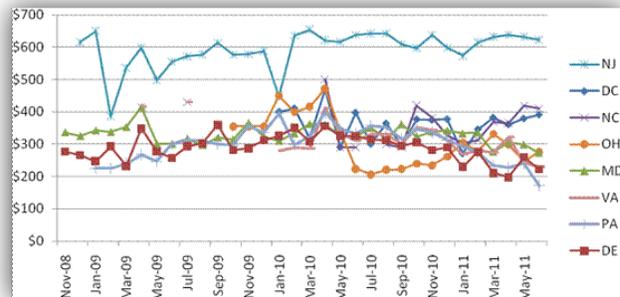
Community: New Hampshire Public Utilities Commission (PUC)

Request: Assess New Hampshire's availability of renewable energy resources to meet the Renewable Portfolio Standard (RPS) technology tiers.

Technical Assistance Provided:

NREL's Strategic Energy Analysis Center worked with the PUC to prepare a memo providing data and analysis related to New Hampshire's Tier II RPS Standard. The memo focused on policy and market development in New Hampshire and the surrounding region (defined as the New England states and New York).

Outcome: The analysis prepared was used in the PUC's final report submitted to the General Court of New Hampshire in November 2011. The PUC's final report suggested that increasing Renewable Energy Certificate (REC) requirements may contribute to a modest increase in the demand for RECs, which in turn could spur development of new renewable energy facilities in the entire region.



Data compiled from Evolution Markets (2007) and Spectron (2011) in a memo prepared by NREL for the PUC in July 2011 (Source: NREL)

Technical Assistance Request

Community: Connecticut Clean Energy Finance and Investment Authority (CEFIA)

Request: Provide data on leading solar states' residential photovoltaics (PV) incentives to inform Connecticut's revised incentive structure.

Technical Assistance Provided:

NREL's Deployment and Market Transformation Center worked with CEFIA to prepare a white paper providing data and analysis informing the design and development of state PV incentives. The white paper compared various incentive structures and levels amongst nearby and leading solar states, such as Colorado, New York, Massachusetts, California, Arizona, and New Jersey. Comparisons between programs were based on internal rate of return and payback periods for customers, and found that the proposal in Connecticut was comparable to other states with aggressive programs.

Outcome: The white paper was presented in CEFIA's stakeholder meetings in December 2011. CEFIA's proposed program plan was presented to its board of directors in February 2012 and the new residential solar investment program will launch in March 2012.

