

Thank you for the opportunity to provide additional materials for the EPAB to consider in its deliberations.

The State's choices today regarding its energy future will significantly impact its economic and environmental future as well. Energy paradigms are rapidly shifting; from fossil to renewable resources; from centralized to distributed generation; and perhaps most important, from less efficient to more efficient production (e.g., through combined heat and power (CHP) and the recycling of currently wasted energy).

To assist the Board in considering these paradigm shifts, I offer several attachments:

1. A paper by Tom Casten of Primary Energy showing that our power system is not economically optimal, and that substantial economic and environmental savings can be achieved, primarily due to the fact that distributed generation avoids T&D investment and CHP uses -- rather than wastes -- the heat produced (thereby reducing fuel use and emissions).
2. An article by Sytze Dijkstra of the World Alliance for Distributed Energy (WADE) describing WADE's modeling of the most cost effective way to meet future load growth in several jurisdictions.
3. Testimony from Sean Casten of TurboSteam Corporation regarding proposed energy legislation in Rhode Island. This testimony provides a broad and instructive overview of how we got to where we are in the power sector, and what we should do about it now.
4. A letter and attachment to former FERC Chairman Pat Wood from N. Johnathan Peress and me proposing that any new LICAP revenues be utilized in a fashion that addresses capacity availability goals AND carbon reduction goals, rather than the former alone.
5. A copy of the Advanced Energy Portfolio Standard (AEPS) that Pennsylvania adopted in 2004. This legislation was significant in that it went beyond an RPS to wisely encourage recycling of some currently wasted energy. While there remains room for improvement, this was a groundbreaking improvement, which has since been echoed in Connecticut's 2005 HB 7501 legislation. New Hampshire should similarly go beyond an RPS alone to adopt legislation that incentivizes energy efficiency and the capture and use of waste energy.
6. Finally, I attach a presentation by Wayne Shirly of the Regulatory Assistance Project (RAP) concerning utility revenue decoupling, an important precursor to utility support for aggressive implementation of energy efficiency. This attachment is only meant to suggest that EPAB investigate this issue, including through other constructive work on the topic done by the RAP.

I hope that these materials contribute to the important deliberations and ultimate recommendations of the EPAB.

Best regards,
--Ken Colburn

Kenneth A. Colburn
Symbiotic Strategies, LLC
26 Winton Road
Meredith, NH 03253 USA
Mobile: 617-784-6975
603-279-0770
kcolburn@symbioticstrategies.com