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To the CEAB:

I support that the state prioritize investment in wind and solar energy, the need to meet federal ozone pollution standards, and that we need to make it easier for consumers to make clean, efficient energy choices. I support implementing "all cost-effective energy efficiency measures" which was mandated by state law but not yet put into effect.

The legislature mandated a balanced approach to energy, and CEAB should deliver the best options to the DPUC. I urge the CEAB to support full implementation of the Integrated Resource Plan.

The CEAB should recommend pursuing an aggressive regional plan to expand total renewable potential in New England while also investing in in-state sources. In-state renewable capacity should focus on increasing the total amount of installed solar photovoltaic capacity to 250 megawatts (or 1% of Connecticut's electricity load) and the development of 40 megawatts of in-state wind power, in conjunction with on and off-shore wind projects throughout New England.

In brief I urge the CEAB to support the following:

1. **Energy Efficiency**- CEAB should recommend pursuing all cost-effective Demand Side Management.
2. **Renewable energy**- Support a build-out of regional wind to meet our RPS goals but ask that the CEAB also consider a modest in-state solar component.
3. **Air quality**- Assume stringent future DEP NOx standards, and to prioritize scenarios where lower-emitting resources replace old power plants, including energy efficiency, zero-NOx renewables (solar PV, fuel cells), low NOx combined heat and power, and new combined-cycle natural gas turbines.
4. **Combined Heat and Power (CHP)**- A rigorous assessment of a CHP ramp-up scenario, which analyzes the barriers to installation at businesses, schools and government sites, the types of incentives which would be needed to promote CHP and a quantification of both heating fuel *and* electricity cost benefits, and how to avoid potential NOx disbenefits.
5. **CEAB's future role** regarding natural gas and heating energy use- that CEAB in the future analyze natural gas, and unregulated delivered fuels. The authorizing statute charged CEAB with creating energy, not electricity plans.

This is a great opportunity to broaden the state's existing energy efficiency programs by reaching more consumers and achieving greater efficiency gains for each of them. An additional investment of \$65 million per year above current programs would enable the state to reduce annual peak load by 191 megawatts and save 612 gigawatt-hours of energy a year- reductions that put a big dent in our state's greenhouse gas emissions. Capturing all cost-effective energy efficiency would reduce customer costs by \$402 million annually.

And investing in energy efficiency isn't just good for individual consumers; it is also good for the economy as a whole. Efficiency programs create jobs for skilled, experienced engineers, technicians, and installers who can identify and implement energy savings opportunities. Investments in energy efficiency should be coupled with an increase in renewable energy development.

Thank you for your consideration,

Janak Desai