

NH Energy Efficiency Resource Standard (EERS) Workshop 2 Program Cost Effectiveness Test & Approaches for Assessing Non-Energy Impacts

Held Friday, February 10, 2017, 1:00 pm to 4:30 pm
NH PUC, Hearing Room A
21 S. Fruit Street, Concord, NH 03301

Flip Chart Notes of Stakeholder Feedback and Ideas

- Question whether non-energy benefits (NEBs) / non-energy impacts (NEIs) should be included in NH. Maybe measure and quantify, but don't count right now
 - Large range in values, hard to quantify
- In some sectors (e.g. low income), it is very quantifiable and should be included
- Put some conservative adder (like VT) to recognize that benefit is not "0"
- Do we have to pass cost / benefit (C/B) at program level or could we just pass at sector level?
- If we don't measure NEI, we don't get all available energy efficiency (EE)
- MA Three³ report was convincing, but may not fly in NH. Support for VT-like adder
- Elevated concern for low-income – not a matter of increased comfort, rather less suffering
- Rather than arbitrary adder, would prefer a Technical Reference Manual (TRM) that is able to be justified
- Low energy costs make C/B more difficult. Leads to stop/start program which is hard on providers, risking that providers will go away. If an adder can keep programs from going away then let's do it
- Want to see a way to encourage use of waste sources of heat. Need a way to recognize and value these sources
- Failure to capture true costs/benefits is damping free market. Need more flexibility to let the market set prices for C/B. This comment is specific to Home Performance with ENERGY STAR (HP w/ ES)
- Why are we not including productivity as a benefit? E.g. NH Ball Bearing lighting project
- Include education programs that have energy savings but that are not tied to measures
- Improvements in schools improve student performance
- O&M savings = big factor in company decision to do a measure
- Multi-family – NEB (e.g. decreased tenant complaints) can move a project forward
- Need NH-specific TRM
- Lots of spill-over from EE educational programs
 - More effectively quantify these benefits
 - Participant spillover
 - Non-participant spillover
- If including customer costs then should not be excluding those benefits
- With energy prices low, HP w/ ES customers doing it for NEBs
- Be realistic, choose most defensible NEBs in NH eg
 - Energy \$ leaving NH
 - Lower costs to property
 - Taxpayers for municipal
- Low income as 1st step to include NEI

- Revisit avoided cost, ensure calculations are correct, especially with regard to controversial pipeline projects
- Pennsylvania – uses Total Resource Cost (TRC) test and revised it to include more tangible savings thereby making it more acceptable to skeptics
- Screening at portfolio level
- Quantifiable NEI = recent trend vs. adders
- Include cost of carbon/other emission reductions
- NEB are needed to “sell” measures by the contractors
- As low hanging EE fruit goes away the need for valuing NEBs increases, especially in multi-family
- Need to conduct our own – NH-based study on NEB/NEI – real/not zero – let’s get some data behind it

NH EERS Stakeholder Workshop 2, TRC and NEBs, 2/17/17

Attendance

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