To: Matthew Stern[mstern034@gmail.com]; Eileen Simollardes[ESimollardes@vermontgas.com]

Cc: Carey Rosser[CROSSER@vermontlaw.edu]

From: Michael Dworkin

Sent: Mon 4/4/2011 2:07:38 PM

Importance: Normal Sensitivity: None

Subject: Re: Environmental emissions calculation (from Institute for Energy and the

Environment)

I notice that Eileen does not take credit for increased efficiency of natural gas furnaces. This is certainly a conservative assumption, for the reasons given in ES's chart. is it also true that the new nat gas customers are likely to be replacing old furnaces with new ones? Can we make a reasonable estimate of whether the efficiency gain of replacing old furnaces with new ones is important enough to deserve a place on the list of explicitly identified conservative assumptions...or, indeed, to rework the numbers to include that factor? (this turns, I assume, on how firm we can be in our estimates of expected swap out of old furnaces for new).

Michael Dworkin, Professor of Law & Director, Institute for Energy and the Environment Vermont Law School P.O. Box 96, Chelsea St. South Royalton, VT 05068

MDworkin@VermontLaw.edu

802-831-1319