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Subject: RE: CT - Heat Pumps - Project Needs - please REPLY by 9/9 (Friday)
Date: Friday, September 2, 2022 7:38:47 PM
Attachments: [image001.png](#)

Hello Lisa:

I would like to suggest that, under the X2231 – Cross-Cutting Heat Pump and Electrification Study, that Cadeo provides some research into best practices for air-to-water heat pumps.

Vermont has offered air-to-water heat pumps in their programs (thank you Richard Fasey) and also our UK subsidiary Scottish Power is involved with the UK grant schemes for air-to-water systems. These systems provide a retrofit opportunity to customers with hydronic heating systems (especially oil customers with baseboard heating) where other options may require more extensive renovations. Air-to-water HP incentives are being offered in CT next year and we have little data on reliability and energy savings for these types of systems in CT.

These systems also have the potential to replace gas fired boilers in commercial applications that use a hydronic coils in their air handling systems.

Thank you,

Glen Eigo

Manager

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Take care of the environment

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Internal Use

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Sent: Thursday, September 1, 2022 5:11 PM

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Cc: Lisa Skumatz <skumatz@serainc.com>

Subject: CT - Heat Pumps - Project Needs - please REPLY by 9/9 (Friday)

Importance: High

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We have 3 heat pump studies starting right now in CT, covering all the different sectors (residential, C&I, and cross), and also with other variations (one more metering, etc.). We are currently tweaking / refining the scopes. We want to really capitalize on the opportunity to make sure we answer the range of savings, process, design, technical, and other questions you have on heat pumps. Rather than try to address this question (only) piecemeal during our Evaluation Plan update discussions or our up-front interviews with utilities and TCs, would you please give serious thought to the high priority and lower priority questions / needs / outputs you need associated with heat pumps, and send bullets back to me? You may want to forward the question to implementation staff, etc. I will look for responses that are Replies to this subject line.

I really appreciate your input to let us best prioritize the study research and apportioning tasks among the projects in the most efficient and effective way. Priorities change, research has progressed, so I am happy with you reacting to a blank page and sending bullets on the outcomes / answers you need. Do not bother with the “how” – that is our job ().

However, for those of you who do not prefer blank pages, feel free to consult the adopted 2022-24 evaluation plan, which I circulated a bit ago and is also posted.

Lisa A. Skumatz, Ph.D.



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"Work is much more fun than fun." Noel Coward

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