

**From:** [GLEN EIGO](#)  
**To:** [Lisa Skumatz](#); [Executive Secretary - CTEEB](#); [AMcLean@acadiacenter.org](#); [John.Viglione@ct.gov](#); [Kate.Donatelli@ct.gov](#); [Michael.Malmrose@ct.gov](#); [ralph.prahl@gmail.com](#); [wirtino@comcast.net](#); [dgowans@leftfork.com](#); [pjacobs@buildingmetrics.biz](#); [stephen.bruno@eversource.com](#); [abdelghani.ramdani@eversource.com](#); [ryan.esthus@eversource.com](#); [maromilee.emerick@eversource.com](#); [megan.errichetti@eversource.com](#); [greed@energyfuturesgroup.com](#); [mosenthal@optenergy.com](#); [RICHARD OSWALD](#); [rfaesy@energyfuturesgroup.com](#); [george@caerbannogconsulting.com](#); [dmellinger@energyfuturesgroup.com](#); [SSherwood@energyfuturesgroup.com](#); [MICHAEL DOUCETTE](#); [LAWRENCE RUSH](#); [kiersten.williams@eversource.com](#); [VIRAJ SHETH](#); [kfay@nhsofnewhaven.org](#); [Shubhada.kambli@ct.gov](#); [jruhnke@primeenergysolar.com](#); [rebecca.rube@ct.gov](#)  
**Cc:** [PAUL GRAY](#)  
**Subject:** RE: CT X1932 DR Study - Final Evaluation Report (for posting)  
**Date:** Tuesday, June 7, 2022 8:05:52 AM  
**Attachments:** [image002.png](#)

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Hello Lisa:

After review of the X1932 study one of the vendors, Energy Hub, and the Manager of the DR programs, Paul Gray, had additional comments:

After further in-depth UI review and analyses of the CT X1932 Evaluation, UI wanted to express our concern in reference to DNV's recommendation to change the connected load it from 3.5 to 2.1 and looks to be based on a very small size that is problematic.

It appears that the sample size for the runtime based analysis was 29, which is likely not statistically significant, given the size of the program. Given the small same size and the overall data quality issues that the program (Energy Hub) had with ecobee in particular (which made up 23 of the 29 analyzed devices), this is not enough data to draw a firm conclusion. UI recognizes this limited sample size is partially due to limitations with device runtime data from the 2020 program year. Regardless, it's likely premature to base any cost-effectiveness updates on this variable, given the very small sample size. If the EEB Evaluation Committee would like to recommend further study on this variable, we're confident that the quality and availability of device runtime data from 2021 is improved beyond 2020, and this coming summer 2022 season will be improved further.

UI understands that the report is final but would like to submit these comments for consideration by the evaluation committee and the EEB due to the recommendation to reduce connected load.

Thank you,

**Glen Eigo**

Manager

**Conservation & Load Management / Planning, Evaluation, and Analytics**

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Take care of the environment

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Internal Use

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**From:** Lisa Skumatz <skumatz@serainc.com>

**Sent:** Friday, June 3, 2022 6:25 PM

**To:** ExecutiveSecretaryCTEEB@theenergygroup.biz; AMcLean@acadiacenter.org; John.Viglione@ct.gov; Kate.Donatelli@ct.gov; Michael.Malmrose@ct.gov; ralph.prahl@gmail.com; wirtino@comcast.net; dgowans@leftfork.com; pjacobs@buildingmetrics.biz; stephen.bruno@eversource.com; abdelghani.ramdani@eversource.com; ryan.esthus@eversource.com; maromilee.emerick@eversource.com; megan.errichetti@eversource.com; greed@energyfuturesgroup.com; mosenthal@optenergy.com; RICHARD OSWALD <Richard.Oswald@uinet.com>; rfaesy@energyfuturesgroup.com; george@caerbannogconsulting.com; dmellinger@energyfuturesgroup.com; SSherwood@energyfuturesgroup.com; MICHAEL DOUCETTE <Michael.Doucette@uinet.com>; LAWRENCE RUSH <Lawrence.Rush@uinet.com>; kiersten.williams@eversource.com; VIRAJ SHETH <vsheth@uinet.com>; GLEN EIGO <Glen.Eigo@uinet.com>; kfay@nhsfnhwhaven.org; Shubhada.kambli@ct.gov; jruhnke@primeenergysolar.com; rebecca.rube@ct.gov

**Cc:** Lisa Skumatz <skumatz@serainc.com>

**Subject:** EXTERNAL:CT X1932 DR Study - Final Evaluation Report (for posting)

**Importance:** High

Attached is the final version of the X1932 Demand Response evaluation study. This report incorporates your comments. We appreciate the work you put into the comments, and we thank NMR for the work on the study.

Thank you and have a nice weekend.

Emily, please **post** this study.

Lisa A. Skumatz, Ph.D.



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

*Note: Fridays are largely email / phone-free days.*

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