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2	<b>CT-EEB EVALUATION PROJECTS UPDATE -</b>						<b>PART 1 - MONTHLY STATUS SUMMARY</b>			
3	5/4/22								Reports on tasks completed by Project Contractors	
4	Project (and last initial of consultant)	Description/Outcomes	Budget	Invoiced	% Spent	% Done	Are there Current Challenges / Concerns / Issues	Last Task Completed	Current task, status, expected finish date	Next step and its deadline
63	C1906 SEM Design and Evaluation	<i>The C1906 project will focus on evaluating the Strategic Energy Management (SEM), a specific initiative of the Business and Energy Sustainability (BES) program to achieve energy and non-energy benefits. The Connecticut utilities currently do not claim savings from the SEM program; this project will primarily identify methods to estimate energy savings from the program from an evaluation perspective. Over the course of this study, the evaluation team will gather information about the current state of the SEM program and barriers to claiming savings, identify effective and cost-efficient methods for collecting the data for claiming defensible savings from SEM, research and advise on program processes to support the utilities in documenting and claiming savings from the initiative, and enable an eventual impact evaluation of the SEM initiative after methods to claim savings have been established.</i>	\$264,880	\$44,916	64%	55%	No	Process evaluation in-depth interviews; April 30, 2022	Process evaluation in-depth interviews; April 30, 2022	Process evaluation -June 30, 2022; Impact evaluation based on process evaluation progress.
64	C2014 C&I Lighting Saturation and Remaining Potential	<i>The primary objective of this study is to characterize the current status of the Connecticut C&amp;I lighting market and then forecast the remaining potential for lighting programs. Phase 2 of this study is designed to better understand remaining potential in specific areas.</i>	\$400,000	\$280,000	70%	60%	No	Phase 2 Kick off on 11/19/21	Sample design for NTG surveys is the critical path item. Data is being cleaned, stacked, and merged to create sample frame. Sample design will be depending on level of measure aggregation. DNV working to deliver interim report with information to support Track B.	Implement recent customer survey 4/11/22-5/13/22
81	C1902 ECB NTG and Baseline	<i>This study integrates NTG and market baseline research and analysis components to support improved accuracy of gross and net savings estimates for the ECB program. The study also includes non-residential new construction code compliance and estimation of NTG values for the Upstream non-lighting program. The outcomes can then be used to inform future program changes to increase program attribution.</i>	\$688,000	\$44,651	82%	85%	None	Finalize ECB NTG questionnaire (May), draw ECB NTG sample from latest tracking data (May)	Results presentation and draft report in July	None
82	X1931-1 ISP Comm Boiler & Furnace Study	<i>Establish an Industry Standard Practice (ISP) baseline for boilers and furnaces in commercial buildings in CT.</i>	\$59,900	\$50,500	84%	95%	No	Final report submitted 12/14/2021		Finalize report based utility comments \$0
84	X1931-5 Comm Refrigeration Efficiency Update Study	<i>Update aggregate commercial refrigeration efficiency values through primary and secondary research (COP and ACOP). Recommend an approach to quantify HVAC interactive savings for measures with refrigeration savings.</i>	\$29,600	\$33,000	112%	95%	No	Review draft submitted to Stakeholders	Addressing stakeholder comments on review draft	Presentation of results to utilities May 2022
89	R1965 HP/HPWH Baseline and Potential Assessment	<i>The study will incorporate multiple primary and secondary data sources to estimate the size of the market in CT, including previous baseline studies, purchased sales data, as well as shipment data. The team will also solicit feedback from manufacturers, distributors, and installers through interviews and surveys to better understand the future of the market for heat pumps, as well as system configurations that are dominating the market. Finally, the team will perform cost effectiveness testing at the measure level, focusing on particular system configurations of interest.</i>	\$381,000	\$44,651	81%	98%	None	Review draft report circulated to stakeholders on 3/25, comments received by 4/7	Revising (hopefully final) review draft based on EC comments by week of 5/2	Revise/finalize report based on stakeholder comments; May
91	R1982.HVAC/DHW Performance and Potential Evaluation	<i>R1982.Circuit-level monitoring of electric HVAC and DHW loads in single family homes. Data analysis to inform fuel use, seasonal efficiencies, and peak demand for HVAC and DHW equipment in single family Connecticut residences.</i>	\$1,015,000	\$650,000	64%	60%	No	Completed 148 monitoring equipment installations.	Ongoing QC, site management	Analysis and reporting; dates TBD.

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93	R2027 HP/HPWH Reliability	<i>A study looking at the reliability, satisfaction, and repair costs of HP/HPWH</i>	\$75,000	\$44,651	90%	98%	None	With R1965: Review draft report circulated to stakeholders on 3/25, comments received by 4/7	With R1965: Revising (hopefully final) review draft based on EC comments by week of 5/2	With R1965: Revise/finalize report based on stakeholder comments; May
94	R1983 HES/HES-IE Impact and Process Evaluation	<i>The study will utilize multiple primary and secondary data sources to determine the gross and net energy savings associated with HES/HES-IE measures, as well as the effectiveness of the programs' delivery to residential customers in Connecticut. In addition to core impact (e.g., billing and engineering analysis) and process (e.g., interviews and survey) tasks, the study also includes a customer profiling effort that will combine program tracking, Census, and third-party data sources (where available) to identify geographic areas within the state that participate at higher- or lower-than-expected levels.</i>	\$945,400	\$44,651	83%	77%	None	Discussed preliminary NTG findings with EA Team	Finalizing NTG value by 5/15 for PSD update; updating the billing analysis (and other impact evaluation tasks) now that we have final program data	Finish impact analysis (6/15); EA proposed allowing these results to be provided to utilities 1 month later for TRM inclusion.
95	R2029 SF Weatherization Assessment and Update	<i>This study will provide an updated assessment of the state's progress toward its weatherization targets and will assess opportunities to revise the current draft weatherization standard.</i>	\$135,000	\$44,651	44%	30%	Some lack of clarity in working with DEEP on how our work will integrate with their process, as they also just solicited public feedback on the weatherization metrics they proposed, which we are also reviewing, but this is not an immediate need, as we still need to get new program data.	Presented preliminary results of our review of DEEP's proposed weatherization metrics to DEEP and EA team (4/29), an unplanned presentation, as this was planned to only be delivered in memo form.	Developing new data request, to go back to utilities and make a new data request that would request the full set of data collected by HES vendors in the field (this was requested as the full dataset of pre- and post-weatherization work via R1983, but that data was not provided, so the EA Team directed us to expand and target the data request. Also working on drafting a memo describing the pros and cons of the weatherization metrics DEEP proposed to replace the 2012 draft Wx standard (May).	Request and review new data provided by utilities, then begin analysis of progress, based on what we get back in the data request.
98	X1939 Early Retirement	<i>This is an evaluation of early retirement programs in CT. In addition to evaluating the CT programs directly, it also includes secondary research and interviews on other programs throughout the country to provide program design and process guidance.</i>	\$284,543	\$166,134	58%	75%	N/A	Phase 1 final report	Phase 2 Impact Evaluation of ER programs	Desk reviews/customer interviews end of May 2022
100	CT X2022 - Education and Engagement Evaluation	<i>We are conducting an evaluation of the Workforce Development, Education, and Community Outreach initiatives of Energize CT. The evaluation will include cataloging the education, training, and engagement activities; conducting secondary research around best practices and lessons learned in education, workforce development, and community engagement efforts elsewhere; and primary evaluation research with program participants across selected program efforts and activities to understand potential behavior changes and identify potential energy savings related to behavior changes.</i>	\$457,000	\$457,000	91%	90%	0	Presented findings, conclusions, and recommendations to utilities on 12/10/2021	Reporting across all efforts, expected by 5/2022; planning for primary research on community partnerships initiative will take place in July 2022 once we receive the updated information on program efforts. We anticipate conducting this research in July - September 2022 and will provide a memo to update the report in September 2022.	Continue drafting report; plan primary research on community partnerships efforts.

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101	X2001 - EUL	<i>Study to provide statistically-defensible, updated, CT-appropriate EULs for several major residential and C&amp;I measures.</i>	\$275,000	\$242,823	88%	85%	We have received all data and materials requested to date.	Launched Measure Group 3 survey in March 2022	Measure Group 3 survey in field. Expected completion in mid-late April	Submit draft residential measure report, hopefully in time for 5/15 cohort of reports
102	X1932 DR EM&V Support	<i>The project will assess if UI DR pilots and projects are delivered in a way that allows evaluation of results in consistent and valid manner. This effort will also involve developing defensible estimates of kW savings from UI DR programs/pilots.</i>	\$225,000	\$44,651	83%	90%	None	Sent revised review draft on 4/28	Integrated comments from EA Team	Distribute to stakeholders, May
103	X1942 NEIs	<i>This study will provide data and information to support expected revisions to Connecticut's cost-effectiveness tests. The research will address the high priority gaps in NEIs in the Connecticut PSD: (1) utility NEIs associated with low-income programs, such as HES-IE and EAP discounts; (2) health and safety NEIs associated with low-income programs such as HES-IE; (3) residential HP/HPWH NEIs; and (4) commercial participant NEIs.</i>	\$325,000	\$325,000	70%	58%	None	HES/HES-IE survey programmed by survey firm	Testing survey programming for HES/HES IE Survey; drafting memo for arrears-related NEIs; Developing SBEA survey and sample (May 2022 through June 2022)	Field HES / HES IE and SBEA surveys (Q2 2022)
106	X1931-4 New MeasureAdvanced Lighting Controls	<i>This study will incorporate a new measure in the PSD for Advanced Lighting Controls. Additional Primary research to be conducted starting in July 2021 for completion in fall 2021.</i>	\$50,000	\$40,200	80%	90%	No	Draft report sent to EA team for review 4/29/2022	Drafting final presentation slides	Review Draft report for release May 2022
108	R2015. Low Load and All-Electric Residential New Construction	<i>Secondary research study on various issues related to next generation residential new construction programs and approaches. Exploring strategies, approaches, outcomes, market factors, and benefits and costs concerning advanced approaches to residential new construction that inform programs in their effort to stay ahead of industry practices.</i>	\$75,000	\$44,673	80%	75%	None	Deeper dive research (April 2022)	Reviewing results / progress with EA (May 2022)	Synthesis and presentation development, discussing results with EA
109	C2117 - RCx Persistence Study	<i>Study to develop better estimates of retro-commissioning savings persistence.</i>	\$50,000	\$23,655	47%	65%	Utilities have provided all requested data.	Literature review completed in March 2022	Stakeholder interviews in progress, expected to be completed by mid-May	Stakeholder interviews in progress, expected to be completed by mid-May
110	R1968 RNC Baseline and Code Compliance	<i>RNC Baseline study involving on-site inspections of homes built under the current building code.</i>	\$370,000	\$44,651	4%	5%	Waiting on items A and B of the data request from the Companies. Due June 3.	Held data request call on 4/28	Data delivery in progress, June 2022. Begin DCF tool development to complete in May	Get data from companies (June) and make DCF (June)