

Memo



→ CONSULTANT TEAM

To: **Energy Efficiency Advisory Council**
From: **Eric Belliveau and the Consultant Team**
Date: **April 22, 2022**
Subject: **EEAC Consultant Team 2022 First Quarter Report**

SUMMARY

This document summarizes the work completed by the EEAC Consultant Team during the first quarter of 2021. In each section below, the Consultants provide details on the status of key work areas undertaken during Q1. As in the past, our report is organized by advisory groups, representing the major areas of effort across the entire range of Consultant responsibilities and portfolio of Program Administrator (PA) programs. Within each advisory group section of the report, we describe specific tasks the Consultant Team completed in Q1 that did not necessarily have a distinct deliverable associated. In Q1, the Consultant Team focused on reviewing the DPU order on the 2022-2024 Plan and reviewing Q4 2021 program results. Because this process involves all Advisory Groups of the EEAC Consultant Team, we've included a specific Three-Year Planning section to this report. We also provide a table at the end of the document that lists the known deliverables the Team produced over the quarter.

THREE-YEAR PLANNING

The table below summarizes the three-year planning process activities that occurred in Q1 of 2022. All advisory groups were involved in these efforts to some extent.

Time Period	Activity/Milestone	Task	Information Needed	Status
January	Review 2022-2022 Filed Plan Documents	Review initial briefs by interveners; review PA responses to interrogatories from DPU	Filed documents	Complete.
February	Review DPU Order on Three-Year Plan	Review and assess the impact of the DPU order on the 2022-2024 Plan as filed	DPU Order	Complete. Presented to the Council on the order at the February EEAC meeting.
March	Support April Compliance filing	Coordinate with PAs and DOER on data and information to be filed with the April compliance filing	Compliance filing documents	Complete.
On-going Q1	2022-2024 Plan KPIs	Coordinate with PAs on developing Key Performance Indicators (KPIs) to track in the 2022-2024 Plan quarterly reports		Complete. PAs filed agreed upon KPIs with their April compliance filing. A new KPI related to income eligible services is still under discussion.

PLANNING & ANALYSIS

In Q1, the Planning and Analysis Advisory Group focused much of its efforts on reviewing the DPU order on the 2022-2024 Plan, finalizing its work plan for 2022, reviewing PA Q4 2021 results, and supporting the development of the 2022 Council priorities. These tasks are summarized in the table below:

Time Period	Meeting	Topic(s)	Task	Information Needed	Status
January	January EEAC Meeting	EEAC Data Request Process, Residential Home Energy Assessments, 2022	Review and provide feedback on PA and other draft presentations; brief Councilors	Draft PA presentations	Complete

		Consultant Team Work Plan	Finalize and present to the Council on Consultant Team Work Plan for 2021; brief Councilors		Complete
		Council Priorities	Support the Council with the development of the 2021 Council Priorities; brief Councilors		Complete. Reviewed initial draft of 2022 Council priorities
February	February 16 Meeting	DPU Order on the Three-Year Plan	Brief Councilors; present to Council	Draft PA presentations	Complete
		2021 Q4 Results	Review PA Q4 results and KPI data; Review and provide feedback on PA draft presentations; brief Councilors	Draft PA presentation; quarterly results	Complete
		Council Priorities	Support the Council with the development of the 2021 Council Priorities; brief Councilors		Complete. Reviewed updated draft of 2022 Council priorities
March	March 16 EEAC Meeting	Heat Pump Market Transformation Strategy	Review and provide feedback on PA draft presentations; brief Councilors	Draft PA presentations	Complete.
		2021 Q4 Results	Present on 2021 Q4 results; brief Councilors		Briefed Councilors; presentation was moved to April EEAC meeting
		Council Priorities	Support the Council with the development of the 2021 Council Priorities; brief Councilors		Complete. Reviewed final draft of 2022 Council priorities

ACTIVE DEMAND

In Q1, the active demand advisory group reviewed active demand content related to the DPU order on the 2022-2024 Plan and Council priorities as described elsewhere in this report. We also participated in the ConnectedSolutions stakeholder meeting that took place in March.

Time Period	Meeting	Topic(s)	Task	Information Needed	Status
March	ConnectedSolutions Stakeholder meeting	Program updates	Attend meeting		Complete

RESIDENTIAL AND INCOME ELIGIBLE

This quarter, the Residential Advisory Group spend much of its time processing the DPU’s Order on the 2022-2024 Plan and assessing its implications for the Residential and Income Eligible Sectors. As always, this quarterly report is structured primarily around the Residential Management Committee (RMC) meetings which took place twice per month. Where possible, substantive matters were discussed at RMC to ensure discussion and exchange of information and perspectives.

Time Period	Meeting	Topic(s)	Task	Information Needed	Status
January	January 12 RMC	Plans for 2022 RMC agenda topics for Q1 and Q2	Prepare list of agenda topics for 1 st 2 quarters	None	Complete
	January 19 EEAC	Future of Home Energy Assessments	Prepare and present “ Charting the Future of Home Energy Assessments ” presentation	None	PAs and HPCs continue to discuss contractor pricing model
	January 26 RMC	Electric new construction	Prepare discussion questions to support PAs’ meeting preps	Updates from PAs	Complete
February	February 9 RMC	Residential priorities stemming from DPU order	Prepare discussion questions to support PAs’ meeting preps	Input from PAs	Complete

	February 16 EEAC	DPU Order on the Three-Year Plan, Q4 2021 results, Council priorities	Review residential-related meeting materials	Meeting materials	Complete
	February 23 RMC	Heat pumps	Prepare discussion questions to support PAs' meeting preps	Updates from PAs	Complete
March	March 9 RMC	Behavior Electric lawn equipment initiative	Prepare discussion questions to support PAs' meeting preps	Updates from PAs	Complete
	March 16 EEAC	PAs' heat pump market strategy, Q4 2021 results, Council Priorities	Brief Councilors on res and IES content for Q4 Review and comment on heat pump market strategy presentation	PAs' draft presentation	Complete
	March 25 Equity Working Group meeting	Renter unit strategic plan initial tactics	Support agenda preps; review and comment on PA slides	PAs' slides	Complete
On-going Q1	N/A	PA reporting	Review and analyze PA reporting, including Q4 report and KPIs	Q4 report	Complete

COMMERCIAL AND INDUSTRIAL

The C&I team's quarterly report is structured primarily around scheduled Commercial & Industrial Management Committee (CIMC) meetings which took place twice per month, as well as participation in several different PA working groups. Where possible, substantive matters were discussed at CIMC to ensure a discussion and exchange of information and perspectives. In addition, there were ongoing matters we are attending to that stem from prior work with the CIMC, EEAC, and C&I stakeholders, including addressing the EEAC's priorities and general work to monitor the PAs' implementation of their 2019-2021 Plan commitments. The specific tasks related to these meetings and on-going work are listed in the table below:

Time Period	Meeting	Topic(s)	Task	Information Needed	Status
January	January 18 CIMC meeting	Establish 2022 Meeting schedule for CIMC in coordination w/ PA staff	Consultants to develop initial draft schedule for 2022 CIMC meeting schedule	Major <u>internal</u> PA milestones in planning/implementation process	Complete – draft schedule for 2022 established and PA topics added to Consultant team proposed topic list
February	February 2 CIMC meeting	Discussion of how the DPU's Order impacts the PAs 2022-2024 filed plan	Review DPU order and its impacts on implementation of C&I programs	DPU order on PA filing	Complete – required follow up on role of gas to electric electrification.
	February 15 CIMC Meeting	Roll-out of electrification offerings for C&I	Review specific timelines and details on roll-out of new incentive levels, participation pathways, TA support for customers, marketing, and contractor training	Details on incentive levels, contractor training plans, marketing, and expected/current pipeline	Cancelled due to PA business partners event
	February 16 EEAC	DPU Order on the Three-Year Plan, Q4 2021 results, Council priorities	Review C&I-related meeting materials	Meeting materials	Complete
March	March 2 CIMC Meeting	C&I Heat Pump Market Transformation	Detailed review of PAs proposed C&I heat pump market transformation efforts to support claim of GHG emission market effects.	Info about contractor training & PA involvement in heat pump market transportation plan.	Complete – Combined with 2/15 CIMC meeting

	March 15 CIMC Meeting	Deep Energy Retrofit Offering	Review specific timelines and details on roll-out of new Deep Energy Retrofit offering outlined in the PAs 3-year plan, including marketing/customer recruitment, tools, measurement of success.	Current plans for deep energy retrofit offering	Complete – Waiting for release of Deep energy retrofit plan in Q2/Q3
	March 16 EEAC	PAs’ heat pump market strategy, Q4 2021 results, Council Priorities	Brief Councilors on C&I content for Q4 Review and comment on C&I related meeting materials	PAs’ draft presentation	Complete
On-going Q1	Informal C&I Leads Call	Bi-weekly informal check-ins w/ CIMC co-chairs and DOER	Agendas determined before meetings	TBD	Continued to meet with PA leads

EVALUATION, MEASUREMENT, AND VERIFICATION

In Q1, our work in the area of Evaluation, Measurement, and Verification (EM&V) continued to be shaped by the requirements of the 2009 Council resolution that established the Commonwealth’s current EM&V framework, which assigns substantial responsibilities to the Council Consultants. Working on the Council’s behalf, we are charged with overseeing every phase of the EM&V process, including evaluation planning, contractor procurement, study implementation, reporting and outreach, and application of study results.

Specific EM&V research objectives in the first quarter of 2022 include:

Time Period	Task	Information Needed	Status
Ongoing Q1	Work with PAs to begin to respond to EM&V-related provisions in DPU Three-Year Plan Order	DPU Order	This task will be ongoing throughout 2022, but good progress was made in Q1. Key activities in this quarter included: (1) negotiating savings assumptions for residential gas heating equipment with pre-

			existing condensing exhaust; (2) negotiating savings assumptions for the restart of lighting in HES; (3) negotiating the annual lockdown date for prospective application of impact evaluation results under the new prospective-only framework; (4) initiating planning of a study assessing the need for a lighting program targeted to disadvantaged residential customers; and (5) initiating planning of a study of PA attribution for the new state-level appliance standards.
	Work with the PAs to begin to carry out EM&V-related agreements contained in the Three-Year Plan term sheet.	None	This task will be ongoing throughout 2022, but good progress was made in Q1. Key activities in this quarter included: (1) negotiating NTG assumptions for NRNC heat pump fuel switching; (2) initiating planning for a study of Minority- and Women-Owned Business Enterprise representation in PA contracts; and (3) beginning development of a program theory to guide heat pump market transformation efforts.
	Begin to move individual studies laid out in the 2022-2024 SEP through the planning stage to the implementation process	None	Examples of studies moved from the planning to the implementation stage in Q1 include: (1) a study providing a comprehensive review of C&I TRM assumptions; (2) C&I Health and Safety NEI study; and (3) Residential Heat Pump NEI study.
	Oversee studies in the implementation stage	None	Examples of studies in the implementation stage in Q1 include: (1) C&I Custom Gas and Electric Impact Evaluations; (2) Language-Isolated Customer Journey Mapping study; and (3) Municipal Partnership Initiative study.

TECHNICAL SERVICES

The Technical Services team is responsible for a variety of administrative tasks that support the Council's information sharing.

Below are the primary tasks of the Technical Services Team in Q1 were:

Time Period	Task	Information Needed	Status
On-going Q1	Post meeting materials for the January-March EEAC Meetings	Meeting materials for the July-September EEAC Meetings	Complete
	Take meeting minutes at the January-March Executive Committee and EEAC meetings		Complete
	Update EEAC website		Updated work plan for website updates based on feedback from Council. This work will be finalized in Q2 2022.

COUNCIL DELIVERABLES

The sections below provide details on Council work products for Q1:

Month	Category	Topic	Description	Advisory Group(s)	Status
January	Memo	C-Team Annual Work Plan	Revised C-Team annual work plan based on feedback from Council	All	Complete.
	Presentation	C-Team Annual Work Plan	A presentation on high performance commercial HVAC	All	Complete. Presented at January EEAC meeting.
February	Presentation	DPU Order	Presentation Summarizing the content of the DPU order on the 2022-2024 Plan	P&A	Complete. Presented at the February EEAC meeting
March	Presentation	PA 2021 Q4 Quarterly Report	Presentation summarizing the results of the PA Q4 2021 results in the context of the next three-year plan	P&A, Residential, C&I	Presentation complete but ran out of time during Council meeting to present. Will present at April EEAC meeting.
On-going Q4	Tracking Spreadsheet	EM&V Status Update	A spreadsheet summarizing the status of current and planning EM&V studies – Updated monthly	EM&V	Complete