
2022 OPERATING BUDGET BRIEFING NOTE

2022 Environment & Energy Division Staffing, Work Plan and Reports to Council and Committees

Issue/Background:

On January 20th, 2022, the Budget Committee requested the Executive Director, Environment & Energy to provide a briefing note on implementation of the Net Zero strategy, including:

- a. Energy and Environment's Full-Time Equivalent complement for 2022, including filled and vacant positions; and
- b. Energy and Environment's work plan for 2022, including reports that will be coming to Toronto Council and committees.

Environment & Energy Division's Complement for 2022

The 2022 budget provides the resources for the EED to increase staffing levels by 37.6 to a full complement of 103.6 positions.

Given that staffing levels are critical to the EED's support for implementation of Toronto's Net Zero strategy, People & Equity have already been engaged and a hiring plan is in place. The EED will have a dedicated recruitment resource focused on filling vacant positions by leveraging partnerships within People & Equity to ensure strategic alignment of approaches geared toward efficient recruitment and retention of talent. Some of which may include:

- partnerships with our Diversity & Inclusion team members to thoughtfully plan initiatives to increase the recruitment and representation of equity deserving groups and people of colour within EED;
- expanded use of Qualified Candidate Listings (QCLs) to maximize reach across like roles and limit task duplication when hiring internal talent;
- strategic 'bundling' of roles to provide efficiency in filling multiple roles through one targeted job call;
- increased communication and outreach on employment opportunities within the Environment & Energy Division, including opportunities to support a critical priority for the City of Toronto through community partners and academia;

- coordinated approach to transition acting/temporary employees to permanent roles where the operation can benefit and provide immediate stability to those in precarious employment enhancing commitment and reducing possible turnover; and
- targeted professional development conversations with leaders during performance reviews to support proactive skill development for both immediate succession planning support and future talent pipeline creation.

EED 2022 Work Plan and Reports to Council and Committees

With City Council's approval of TransformTO – Critical Steps for Net Zero by 2040 and the Net Zero Existing Buildings Strategy in 2021, the 2022 work plan for the EED will focus on implementation of those initiatives. This briefing note includes details on EED's work plan and reports to City Council and Committees. Implementation of these strategies involves multiple City divisions, agencies and corporations, as well as partnership with the provincial and federal governments, residents, and businesses. Scaling up existing programs and introducing new programs is a priority. The resources included in the EED 2022 budget will support a number of these initiatives, including:

Innovation & Scale

- Wastewater Energy Transfer program launching in Q1 2022 with potential for reducing 200,000 tons of greenhouse gas (GHG) emissions annually;
- First-in-class self-service roof-top solar map to provide information and resources to help residents and businesses assess the rooftop solar potential of their properties and proceed through the steps to installation;
- Provide 700+ free solar assessments per year through SolarTO; and
- Delivery of impactful first-of-a-kind projects (wastewater energy, renewable district energy, resilient EMS stations, net-zero community centres) that can be scaled by asset owners for mass GHG reductions.

Climate Action in Buildings

- Scaling up Green Will Initiative (GWI) working with major institutions in the City to reduce GHG and introducing a Strategic Energy Management program for GWI participants which provides pathway to net-zero;
- Launch and operate the new version of Toronto Green Standard (version 4- May 2022);
- Enhancing the Home Energy Loan Program with funding from Federation of Canadian Municipalities (FCM) to make retrofits easier and more affordable;
- Setting requirements to assess building performance and create a pathway to net zero;
- Support for a \$200 million grant application to the Federal Government for 15 net-zero new community centres; and
- Continuation of existing TransformTO initiatives.

Outreach, Engagement & Education

- Deeper engagement on climate action with Toronto's equity-deserving communities, Indigenous communities and youth;
- Increased community outreach & education;
- Further expanding the Neighbourhood Climate Action Champions and Climate Action Fund programs; and
- Supporting employers and employees across the City with a safe and sustainable commute in the Return to the Office as part of COVID-19 recovery.

In addition to these initiatives, the EED will deliver a number of reports to Infrastructure & Environment Committee in 2022:

Report Title/Product Title	Expected report date	Brief description of the purpose of the report/product
Toronto's Ambient Air Quality Impacts from COVID-19	Q2 2022	The report will identify air pollution sources within Toronto by studying variations of air pollutant concentrations before, during, and after the implementation of movement restrictions to reduce the spread of COVID-19. Further, the report will capture behavioral changes of Toronto residents during the study time period.
Energy Retrofit Loan for Net Zero Building	Q2 2022	Report seeks authorization for a specific project looking to participate in the Energy Retrofit Loan (ERL) program. Through ERL the City offers low-interest loans to help building owners improve the energy efficiency of their buildings. At present program applicants are required to demonstrate a positive ROI based on utility saving alone. This report will seek authorization to expand the criteria by which this project can be authorized to receive financing, while at the same time ensuring the utmost efforts are made to limit risk to the City. This project is intended to provide a foundational case-study for enabling deeper, more holistic retrofits in support of the City's TransformTO objectives. Advances Net Zero Existing Buildings Strategy (2021.IE23.1) Action #5: Expand and enhance retrofit financing.
Wastewater Energy Transfer Program	Q2 2022	Seek approval for multi-stakeholder circulation process, as per Council direction in December (2021.IE26.18).

Report Title/Product Title	Expected report date	Brief description of the purpose of the report/product
Updated Toronto Hydro Climate Action Plan (to enable TransformTO)	July 2022	Report to Executive Committee on specific actions, timelines, and deliverables on Toronto Hydro's Climate Action Plan, and related initiatives. As requested by Council in December (2021.EX28.1).
New Retrofit Program for Mid-Sized Buildings	Q2 2022	<p>Report for information will outline the details of a new program to support deep retrofits of mid-sized buildings.</p> <p>Advances Net Zero Existing Buildings Strategy (2021.IE23.1) Action #4. Provide integrated retrofit support and Action #5. Expand and enhance retrofit financing.</p>
Net Zero accountability and management framework	Q2 2022	To respond to City Council's direction in 2021.IE23.1 to report back on the outline of the external advisory structures and processes that will guide the City's accountable and inclusive implementation of the TransformTO Net Zero Strategy, including the reporting schedule and any plans for peer-review.
Carbon Accountability Tool report back (aka carbon budget report back)	July 2022	<p>City Council directed the Director, Environment and Energy and the Chief Financial Officer and Treasurer to report back in the fourth quarter of 2022 on design and implementation options for a Toronto Carbon Budget and associated key performance metrics, which align with the City's financial budgets, to manage corporate and community greenhouse gas emissions, within an absolute limit that aligns with the City's 2025, 2030, and 2040 emissions reduction targets, and make clear the implications of the limits for the City's financial budgets, the 2024 budget cycle. Currently this report is also expected to include recommendations on how to improve the tracking of climate investments in the budget.</p> <p>Council requested a Q4 2022 report back, however there are no Infrastructure & Environment Committee meetings in Q4 2022 so staff will provide an update in Q3 2022 and then a more fulsome report in Q1 2023.</p>
Regulatory and Legislative Changes Required	July 2022	Council directed EED, Toronto Building, City Planning and Social Development, Finance and Admin to report back on the regulatory and

Report Title/Product Title	Expected report date	Brief description of the purpose of the report/product
for Implementation of Mandatory Emission Performance Targets		<p>legislative changes that may be required for the implementation of mandatory emissions performance targets for existing buildings</p> <p>Advances Net Zero Existing Buildings Strategy (2021.IE23.1) Action #2 Establish sector specific mandatory emissions performance standards.</p> <p>Council requested a Q4 2022 report back, however there are no Infrastructure & Environment Committee meetings in Q4 2022 so staff will provide an update in Q3 2022 and then a more fulsome report in Q1 2023.</p>
Status report on EV Strategy implementation	Q2 2022	<p>This report responds to City Council direction when Council approved the Electric Vehicle Strategy in January 2020 (item 2020.IE11.17). Per City Council direction, the report will provide:</p> <ul style="list-style-type: none"> • a status update on the progress of the immediate actions identified in the Electric Vehicle Strategy that includes projected impacts on the personal vehicle fleet size resulting from all TransformTO transportation measures and the impacts on the electricity grid; • the outcome of activity exploration; and • targets and timelines for expanded deployment of on-street electric vehicle charging infrastructure.

Prepared by: Grant Kozlik, Manager Environment & Energy Program Administration, Environment & Energy Division, 416-392-9217, grant.kozlik@toronto.ca

Further information: James Nowlan, Executive Director, Environment & Energy Division, 416-392-6064, james.nowlan@toronto.ca

Date: January 28, 2022