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2020 OPERATING BUDGET BRIEFING NOTE

Breakdown of the Spending and Outcomes Outlined in the Commitments Made in our Climate Emergency Declaration Related to Targeted Reductions in Transportation and Building Emissions

Issue/Background:

- On January 17, 2020, a briefing note was requested through the Budget Committee to provide a breakdown of the spending and outcomes outlined in the commitments made in our climate emergency declaration related to targeted reductions in transportation and building emissions.
- On October 2, 2019 Council passed motion MM10.3 declaring a Climate Emergency and Accelerating Toronto's Climate Action Plan. In addition to the budget approved and requested in the 2017 to 2020 TransformTO Short-term Strategies, the 2020 Recommended Operating Budget includes a further new & enhanced request of \$2.940 million in gross expenditures (\$2.115 million net of revenues) in 2020, including 13 new positions. This is comprised of 3 initiatives:
 - Accelerate TransformTO Climate Action including Green Will
 - Implementation of the Climate Components of the Resilience Strategy
 - Development of the Plan to Achieve Net-Zero Before 2050
- The budget request of 13 temporary positions will begin on average July 1st, resulting in a 2020 gross expenditure budget request of \$0.815 million plus \$2.125 million for non-payroll expenses to support the acceleration of TransformTO climate actions: delivering Green Will, the Resilience Strategy, and developing and delivering the plan to achieve net-zero emissions.
- Funding related to the Climate Emergency for the Green Fleet Plan will be included in the 2021 budget request. The Environment & Energy Division (EED) will work with Fleet and other divisions to ensure the necessary budget to address the Climate Emergency is included in their 2021 budget requests.
- The new and enhanced funding for 2020 is outlined in more detail below.

Key Points:

- The 2020 Budget request reflects the Environment & Energy Division's estimated funding and resources required to develop an accelerated TransformTO plan to address Council's declaration of a climate emergency. EED will provide an update on the existing TransformTO implementation to Infrastructure and Environment Committee (IEC) in Q2 2020 and will deliver the plan to achieve net zero in Q4 2020. Together, these reports constitute EED's response to the climate emergency, but as well, will include City-wide

initiatives aimed at the TransformTO accelerated plan. Additionally Divisions will include in their 2021 budget submissions additional climate acceleration actions.

- Both the update on existing TransformTO implementation and the plan to achieve net zero will incorporate buildings, transportation and other necessary actions on resilience, mitigation and greenhouse gas reduction.
- The Environment & Energy Division's 2020 Budget related to the Climate Emergency is outlined below.

Environment & Energy Division 2020 Budget Related to the Climate Emergency

1) Acceleration of TransformTO Climate Action – \$1.210 million gross expense (\$1.210 million net of revenues), 5 new positions

- Mayor Tory's Green Will Initiative will address the climate emergency by accelerating greenhouse gas emission reductions by working with public and private building owners and operators to reduce their energy consumption and related emissions towards achieving Toronto's net zero emissions target. The first phase will run from 2020-25 with some of Toronto's largest property managers and owners representing over 4,500 buildings and over 300 million square feet of real estate.
- Implement a renewable energy strategy to increase the extent of public and private sector renewable energy systems across the city.
- New buildings energy performance and lower emissions will be encouraged through the creation and implementation of Toronto's first guideline for Energy Performance in New multi-residential Buildings.
- Accelerate development of large public sector renewable thermal energy systems by completing the pilot projects using sewer heat recovery to displace natural gas at two hospitals.
- Continue the delivery of the Smart Commute Program to hundreds of employers and over 300,000 commuters in Toronto. Develop a new ride-share tool, website, program resources and support tools as the City no longer has access to those provided by Metrolinx. Use this opportunity to better align the Smart Commute program with TransformTO and other City goals, priorities and expansion opportunities including the Congestion Management Plan. Funding will allow the EED to work with the other Regional Municipal Partners to reduce of single-occupant vehicle trips, congestion and GHG emissions in Toronto.

2) Resilience Strategy – \$0.650 million gross expense (\$0.650 million net of revenues), 4 new positions

- Implement the climate components of the Resilience Strategy developed by the Chief Resilience Officer.
- Resilience quick wins will be delivered in work related to heat in towers, urban flood mapping, and community resilience building including initiating the development of a flood prioritization and planning tool, improving the Heat Relief Network, supporting communities through Neighbourhood Resilience Pilots, and enabling key academic,

industry and community partnerships related to priorities detailed in the Toronto Resilience Strategy.

- Work with City divisions to develop resilience metrics to support application of the Task Force for Climate Related Risk Disclosure recommendations on transparency and reporting.

3) Developing and delivering the Plan for Net-Zero – \$1.079 million gross expenditures (\$0.254 million net of revenues), 4 new positions

- Prepare Council requested report to identify additional actions, beyond currently planned TransformTO actions necessary to achieve 2030 targets and a net-zero emissions goal by 2040 and 2050, including exploring big moves, and the feasibility of a formal adaptive resource management system.
- Create a process to embed climate change considerations into capital and infrastructure planning, and develop climate-related metrics for outcomes-based budgeting, decision-support tools and staff capacity building activities.
- Report back on the value of developing carbon budgets as part of meeting greenhouse gas emissions goals.
- Create a plan to collaborate with equity-seeking groups, including youth to increase participation in development and implementation of TransformTO strategies.
- Identify the best locations for increased public and on-street charging infrastructure installations. Develop education and outreach toolkits to support uptake of electric vehicles and work in partnership with Electric Vehicle retailers.

New / Enhanced (\$000)	2020				2021 Annualized Gross	Equity Impact
	Revenue	Gross	Net	Positions		
In \$ Thousands						
2 2019.MM10.3 Accelerate TTO Climate Action (Inc. Green Will)		1,210	1,210	0	1,552	Low
3 2019.MM10.3 Implement Climate Components-Resilience Strategy		650	650	0	927	Low
4 2019.MM10.3 Develop the Plan to achieve Net-Zero before 2050	825	1,079	254	0	1,359	Medium
Total New / Enhanced	825	2,940	2,115	0	3,838	

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