



Memorandum

Office of the City Clerk
Fax: 623-5468
Telephone: 625-2230

TO: Members of Council
FROM: Mr. J. Hannam, City Clerk
DATE: Monday, June 3, 2019
SUBJECT: **Additional Information**
Committee of the Whole – June 3, 2019

COMMITTEE OF THE WHOLE

Additional Information

1. Report No. R 88/2019 (Infrastructure & Operations) (Distributed Separately on Monday, June 3, 2019)

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DEPARTMENT/ DIVISION	Infrastructure & Operations	REPORT NO.	R 88/2019
DATE PREPARED	08/05/2019	FILE NO.	
MEETING DATE	03/06/2019		
SUBJECT	2018 EarthCare Annual Report		

RECOMMENDATION

With respect to Report No. R 88/2019 (Infrastructure and Operations), we recommend that City Council approve the receipt and expenditure of funding from the Ministry of Energy Municipal Energy Plan Program and FCM's Municipalities for Climate Innovation Program as outlined in this report;

AND THAT Appropriation Change Orders No. 10 be approved;

AND THAT any necessary By-laws be presented to City Council for ratification.

LINK TO STRATEGIC PLAN

This report directly supports Goal 8 of the City of Thunder Bay's Corporate 2015-2018 Strategic Plan to become a "Leader in climate change adaptation" and supports numerous other goals from that Plan including: Goal 9, "greener with protected and enhanced natural areas", Goal 7, "clean and beautiful streets and spaces", and Goal 10 "better connected by integrated mobility choices." This Report updates Council on the progress being made to implement the EarthCare Sustainability Plan which directly supports the implementation of the Corporate Strategic Plan.

EXECUTIVE SUMMARY

This Report and the accompanying EarthCare Annual Report (Attachment A) provide information regarding the progress achieved in 2018 in the implementation of the EarthCare Sustainability Plan, along with information about funding received to complete a Community Energy Plan.

DISCUSSION

This Report is the tenth Annual Report on the EarthCare Sustainability Plan presented to Council. The past year EarthCare continued to lead the implementation of the Climate

Adaptation Strategy for the Corporation of the City of Thunder Bay. With sustained support from Council and Administration, EarthCare continued collaboration with City divisions and departments and worked with external partners to implement a number of actions found in the strategy. Further to this, EarthCare was a successful recipient of external adaptation funding to assist in completing actions found in the strategy. The goals, objectives, and actions presented in the strategy will guide the City of Thunder Bay in preparing for, responding to, and recovering from the impacts of climate change.

With respect to climate mitigation, the EarthCare Sustainability Plan 2014-2020 sets a corporate greenhouse gas (GHG) emissions reduction target of 20% below 2009 levels by 2020. Steady progress has helped to achieve a 26% decrease in corporate GHG emissions from the baseline year of 2009, as well as implementation of other aspects of the Plan. A 2016 community GHG inventory was completed in 2017/18 and showed overall community GHG emissions have dropped by six per cent since 2009. Corporate activities and operations are considered a subset of community emissions, representing 2.2% of all of Thunder Bay's GHG's. A detailed 2018 Corporate Energy Management Plan update, outlining the progress the Corporation has made towards reducing GHG emissions through energy efficient infrastructure projects and awareness can be found in Corporate Report No. R 123/2018.

In 2018 grant applications for the creation of a Community Energy Plan were submitted to Federation of Canadian Municipalities – Municipalities for Climate Innovation Program and The Ontario Ministry of Energy, Northern Development and Mines – Municipal Energy Plan Program. In response to these applications, the Federation of Canadian Municipalities has made up to \$125,000 available and the Ministry of Northern Development and Mines has made up to \$89,865 available to support the development of a Community Energy Plan. This planning process will involve stakeholder engagement, an energy inventory, energy mapping and analysis, along with energy conservation options for the community. Work on this project will start immediately and continue on until January 2021.

Municipal governments currently have direct or indirect control over up to half of Canada's GHG emissions. The Federation of Canadian Municipalities (FCM) has shown that municipalities can contribute significantly to Canada's national emission reductions. Direct benefits that come from action include energy cost savings, avoided infrastructure impacts, and local job creation. The *2018 EarthCare Annual Report*, (Attachment A) notes many ways that Thunder Bay is taking action.

LINK TO EARTHCARE SUSTAINABILITY PLAN

This Report presents the *2018 EarthCare Annual Report*, a report highlighting progress on the EarthCare Sustainability Plan's implementation.

FINANCIAL IMPLICATION

Administration of the Community Energy Plan project will be carried out within existing resources, with funding outlined in Appropriation Change Order No. 10

CONCLUSION

It is concluded that Thunder Bay is making progress on the implementation of the EarthCare Sustainability Plan and that the Appropriation Change Order No. 10 should be approved for Infrastructure and operation as outlined in this Report.

BACKGROUND

The Community Environmental Action Plan (CEAP) was adopted by City Council in 2008, R 128/2008 (Environment). The CEAP has since been updated with the latest iteration – the EarthCare Sustainability Plan, R55/2014 (Environment), and is part of the City’s commitment to reducing greenhouse gas (GHG) emissions, and functions as the community’s integrated community sustainability plan (ICSP). The first Annual Report was presented in 2010, Report 002/2010 (Environment).

City Council originally approved Environmental Policy No. 04-02-02 after reviewing Report No. R290/2005 (Environment) on December 5, 2005. Two annual reports, R027/2007 (Environment) and R024/2008 (Environment), were presented to City Council in keeping with the Policy requirements. Report 024/2008 recommended that pending adoption of the CEAP by City Council, the reporting of the City’s Corporate environmental progress become part of the CEAP reporting process. The CEAP was adopted by City Council in October 2008 with R128/2008 (Environment).

REFERENCE MATERIAL ATTACHED:

Attachment A – 2018 EarthCare Annual Report (Distributed Separately)

PREPARED BY:

THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)	DATE:
Kerri Marshall, General Manager – Infrastructure & Operations	May 16, 2019

The City of Thunder Bay

DATE: May 3, 2019

DEPARTMENT:
Infrastructure & Operations

REQUEST FOR APPROPRIATION CHANGE

10



DIVISION:
Environment

REQUEST FOR ADDITIONAL APPROPRIATION

 X

APPROP NO.

WBS ELEMENT	DESCRIPTION	BUDGET AVAILABLE	INCREASE	DECREASE	ADMIN USE	
					IM Position	Fund Code
IOT-ENG-190001-PF-07-1	Community Energy & GHG Reduction Plan		125,000		5.2	62
IOT-ENG-190001-PF-07-2	Community Energy & GHG Reduction Plan		89,865		5.2	8
IOT-ENG-190001-PF-07-3	Community Energy & GHG Reduction Plan		10,300		5.2	76
IOT-ENV-150001-ST-06-3	Climate Adaptation Plan	8,303		8,303	5.3	76
IOT-CEN-160001-CS-02-1	Concessions Equipment	3,687		1,997	5.1	76
	Municipalities for Climate Innovation Program (FCM Grant)			125,000		62
	Ontario Ministry of Energy, Northern Development and Mines - Municipal Energy Plan Program (Provincial Grant)			89,865		8
			225,165	225,165		

EXPLANATIONS/REASONS: Corporate Report 88/2019 Earth Care Annual Report	EFFECT ON LEVEL OF SERVICE: DECREASE <input type="text"/> INCREASE <input checked="" type="checkbox"/> MAINTAINED <input type="text"/>
	DATE: _____
	RECOMMENDED/APPROVED  City Treasurer  City Manager

PREPARED BY: _____ Kathy Learning REVIEWED BY:  K. Marshall, GENERAL MANAGER Infrastructure & Operations	VERIFIED BY:  FINANCE:  Moira Gallagher, CPA, CMA Budget & Planning Accountant Corporate Services & Long Term Care Department	COMMITTEE OF THE WHOLE APPROVED <input type="text"/> NOT APPROVED <input type="text"/> DATE: _____
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