



## GREEN ENERGY AND CLIMATE CHANGE WORKING GROUP AGENDA

Friday, August 20<sup>th</sup>, 2021 - 10:00 a.m.  
Conference Call

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### Conference Call (audio)

Dial-In Number 1-855-344-7722 or 613-244-1312  
Conference ID: 1554771

### GoToMeeting (visual)

<https://global.gotomeeting.com/join/730934589>

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As the province of Ontario continues to take significant steps to limit the transmission of the COVID-19 virus, the Township continues to protect the health and safety of the public, Council, Committee and Board Members, and employees. Therefore, the Township is holding electronic meetings.

There will **NOT** be any ability to attend the meeting in person to help prevent the spread of COVID-19. The public may participate by alternate means. A conference call line will be available during the meeting. There will also be the ability to view the meeting agenda and materials on an electronic device. The details to join the conference call and view the materials are located above.

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## Teleconference Participation Etiquette

- a meeting via teleconference shall never be treated differently than a meeting in person, whereby all attendees shall abide by proper meeting procedure and etiquette;
- as meeting attendees log onto the teleconference line, you will likely hear others join as well (this will be signified by a beeping noise);
- we ask that all attendees mute their phones; doing so will eliminate any background noise and create a much more seamless process;
- if/when you wish to speak during the meeting, you will simply unmute your phone and upon completion of your thought, please re-mute;
- Deputy Reeve Crampton will call the meeting to order at the time indicated on the agenda and at that time we ask that everyone else remain silent;
- roll call will be completed at which time Members will simply respond “present”;
- Deputy Reeve Crampton will then remind all attendees to place their phones on mute;
- as the Chair moves through the agenda, he will call on the committee members to speak on the topic;
- for Members, we request that you retain your questions until the end of the presentation of the agenda item, at which time the Chair will ask if anyone has questions;
- you will be required to say your name (ex. Deputy Reeve Crampton) and if more than one Member has a question, the security will tally the names and those will then be asked to speak in the sequence to which they made the request.

### ***Chair, Deputy Reeve Barrie Crampton***

1. **CALL TO ORDER**
2. **AMENDMENTS/APPROVAL OF AGENDA**
3. **DISCLOSURE OF PECUNIARY INTEREST AND/OR CONFLICT OF INTEREST AND GENERAL NATURE THEREOF**
4. **APPROVAL OF MINUTES**
  - i) **Minutes – June 11<sup>th</sup>, 2021 – *attached, page 5.***

*Suggested Recommendation:*

*“THAT, the minutes of the Green Energy and Climate Change Working Group Meeting held on June 11<sup>th</sup>, 2021 be approved as circulated.”*

5. **DELEGATIONS & PRESENTATIONS**

None.

## **6. BUSINESS**

### **i) Climate Action Plan – Update**

Noelle Reeve, Planner.

- Update on managers' training on Climate Lens – Budget 2022, Reports
- Update on Climate Change implications for the Official Plan (population, economic growth, etc.)
- Adaptation actions

### **ii) Communications**

- Lanark County Climate Change Committee Update
- Tay Valley Guide article
- Website update
- E-news fortnightly Energy/Climate Change Tips

## **7. NEW/OTHER BUSINESS**

### **i) Teleconference versus Video Conference Meetings.**

## **8. NEXT MEETING DATE AND PROPOSED AGENDA ITEMS**

Next Meeting: TBD

## **9. DEFERRED ITEMS**

*\*The following items will be discussed at the next and/or future meeting:*

- *None at this time*

## **10. ADJOURNMENT**

# MINUTES

# GREEN ENERGY AND CLIMATE CHANGE WORKING GROUP MINUTES

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Friday, June 11<sup>th</sup>, 2021

10:00 a.m.

Conference Call

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## ATTENDANCE:

**Members Present:** Councillor Rob Rainer  
Bob Argue  
David Poch  
Jennifer Dickson  
Douglas Barr

**Members Absent:** Chair, Deputy Reeve Barrie Crampton  
Peter Nelson

**Staff Present:** Noelle Reeve, Planner  
Allison Playfair, Planning Administrative Assistant,  
Recording Secretary

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## 1. CALL TO ORDER

The meeting was called to order at 10:05 a.m.

Councillor Rob Rainer will be the Chair for this meeting. The Chair conducted Roll Call.

A quorum was present.

The Chair overviewed the Teleconference Participation Etiquette that was outlined in the Agenda.

## 2. AMENDMENTS/APPROVAL OF AGENDA

The agenda was approved as presented.

## 3. DISCLOSURE OF PECUNIARY INTEREST AND/OR CONFLICT OF INTEREST AND GENERAL NATURE THEREOF

None at this time.

#### **4. APPROVAL OF MINUTES**

##### **i) Minutes – March 12th, 2021**

The minutes of the Green Energy and Climate Change Working Group Meeting held on March 12<sup>th</sup>, 2021 were approved as presented.

#### **5. DELEGATIONS & PRESENTATIONS**

None.

#### **6. BUSINESS**

##### **i) Climate Change Action Plan**

Implementation of the Next Priority Item

Noelle Reeve, the Planner commented on the essential items in the Climate Action Plan and their status to date. It was also mentioned that the Clerk would like to set up a meeting with Bob Argue, the Treasurer and the Public Works Manager to discuss the Climate Lens and how to incorporate this in Township reports, tender documents and the Tay Valley Budget.

Another priority item is to reduce methane from the Township's landfill. It was noted that a waste management plan with a waste audit is a Council priority and is hoped to be completed in the next few months.

A grant is coming from the Federal Government for the Building Condition Assessment so the results and opportunities for GHG reduction and energy savings should be available to be discussed before the Budget discussions this Fall.

##### **ii) Communications**

Lanark County Climate Change Committee Update – Chair – attached page 6

In the absence of the Deputy Reeve Barrie Crampton, Noelle Reeve, the Planner, updated the Working Group on the Lanark County Climate Change Committee and noted the Striking Committee had not yet met to formalize appointments to the Committee.

However, Climate Network Lanark, who is a key member of the Committee (as well as undertaking community liaison for the County Climate Action Plan), has been meeting with lower tier Councils and co-ordinating its seven working groups to move the Climate Action Plan agenda forward in Lanark County <https://www.lanarkstewardshipcouncil.ca/climate-network-lanark/> They are working with Nature Canada on Nature Based Climate Solutions as well as with

Ecology Ottawa on Engagement Training. Any committee member or Tay Valley resident is welcome to join their working groups or take part in the webinars or training.

#### IESO Natural Gas Consultations – Planner

The Planner, Noelle Reeve, commented that the Independent Electricity System Operator (IESO) is looking for comments on the possibility of phasing out Natural Gas. She noted an article in Municipal World encouraging natural gas busses in the future seemed to be going in the wrong direction, but the City of Ottawa announced they were going to switch to electric busses in the future. The Working Group suggested looking into sending a letter to Municipal World.

#### Lanark County Climate Change Liaison – Bob Argue - *attached page 11*

Jennifer Dickson thanked Bob Argue for taking on this appointment with the County Climate Action Committee.

Bob said the Committee had yet to reach out to him. A discussion was held about the role that Bob Argue has with the Committee and how the information would be relayed between the County, Tay Valley Township Council, the Working Group members and staff.

Noelle Reeve reviewed parts of the Terms of Reference for the Climate Action Committee and the roles of the Committee members.

Councillor Rob Rainer commented that the Committee should be able to explain how this would work.

## **7. NEW/OTHER BUSINESS**

A discussion was held about updating the new website with current environmental topics and information the community should be aware of related to climate change, e.g., nature-based climate solutions, the drought in Eastern Ontario, food security impacts of the drought in California, as well as information on Gypsy Moths, etc..

## **8. NEXT MEETING DATE AND PROPOSED AGENDA ITEMS**

Next Meeting: August 20<sup>th</sup>, 2021

Proposed Agenda Items:

- Climate Action Plan Update
- Update on the Lanark County Climate Action Plan
- 2022 Budget Items to implement the Climate Action Plan

**9. DEFERRED ITEMS**

*\*The following items will be discussed at the next and/or future meeting:*

*None at this time.*

**10. ADJOURNMENT**

The Working Group adjourned at 10:59 a.m.



# **BUSINESS**

<b>TVT Climate Action Plan</b>					
Municipal Target: 55% emissions reduction between 2018 and 2028					
Community Target: 45% emissions reduction between 2018 and 2028					
Ontario Target: 30% emissions reduction between 2005 and 2030					
Federal Target: 30% emissions reduction between 2005 and 2030					
<b>Urgency</b>	<b>Goal</b>	<b>Action</b>	<b>LEAD</b>	<b>Partners</b>	<b>Quarter to be Completed</b>
Essential	Enable Tay Valley Township to immediately begin cutting GHG emissions from Municipal operations and to achieve or surpass its reduction targets	Adopt the Climate Action Plan and Appoint a Lead Person Responsible for Delivering the Plan	Council	-	Complete
Essential	" "	Use a Quantitative Climate Lens	Planner	GECCWG	1 - 2021
Essential	" "	Advocate for stronger GHG reduction targets and actions at the Federal, Provincial and County levels of government	Planner, Council	GECCWG, Climate Action Network of Lanark County, Smiths Falls and Region	1 - 2021
Essential	" "	Integrate the Climate Action Plan with the Building Condition Assessment Report, the Asset Management Plan, and the Conservation and Demand Management Plan	Public Works Manager	Treasurer	3 - 2021
Essential	" "	Ensure climate change, GHG and life cycle costs are enshrined in procurement policies and in planning documents.	Treasurer	Public Works Manager	2 - 2021
Essential	Dramatically reduce methane release from the landfill	Conduct a comprehensive waste audit that includes all organic materials as well as recyclables and evaluates GHG produced in the transportation of materials to the waste sites.		GECCWG, Lanark County, neighbouring lower-tier municipalities	2 - 2021 * Grant Expected

High Priority	Minimize energy consumption and GHG emissions of Municipal buildings	Before further investments are made in the Municipal Office, assess any new construction, renovation, or maintenance for its potential opportunity to reduce GHGs and operating costs. Specifically assess the Municipal Office with the intent to reduce heating and cooling load and convert mechanical systems from natural gas to electricity with an integrated system using solar and net metering.	Public Works Manager	Treasurer, CAO, GECCWG	3- 2021
High Priority	Enable public action to cut GHG emissions	Budget for an ongoing Communications Strategy that informs and motivates community climate actions by residents, businesses, and community organizations	Council	Lanark County, neighbouring municipalities, Leeds, Grenville and Lanark District Health Unit, Climate Action Network of Lanark County, Smiths Falls and Region	2-2021
High Priority	Further enable TVT to cut GHG emissions from Municipal operations	Install electric vehicle charger(s) at Township workplaces for use by Councillors, staff and the public	Public Works Manager	Staff, Lanark County, neighbouring municipalities	2-2021
High Priority	" "	Use a Qualitative Climate Lens	Planner	Clean Air Partnership, Partners for Climate Protection	1-2021
High Priority	" "	Report on carbon fees spent by the Township	Treasurer		3-2021
High Priority	" "	Revise purchasing policies to encourage all bidders to report GHG emissions in tenders	Public Works Manager	FCM	1-2021
High Priority	" "	Advocate for and monitor for changes to policies governing municipal investments that allow for divestment of municipal funds from fossil fuels and avoidance of risk to taxpayers	Treasurer		3-2021

Medium Priority	" "	Work to reduce GHG emissions from Council and staff travel and offset the GHGs	Treasurer		3-2021
Medium Priority	Continually update and revise the Climate Action Plan and develop a Climate Adaptation Plan	Seek funding and opportunities to continually update the Climate Action Plan	Planner	FCM, PCP, Lanark County, neighbouring municipalities	4-2021
Medium Priority	" "	Seek partnership opportunities to do a Climate Adaptation Plan			as available
Medium Priority	Cut GHG emissions from transportation within the community	Support the national transition to electric and hydrogen vehicles with education	GECCWG, Council	Government of Canada, Industry, Clean Air Partnership, Lanark County, neighbouring municipalities	4-2021
Medium Priority	" "	Support and take advantage of opportunities to facilitate installation of electric vehicle chargers in the community and workplaces	Planner	Public Works Manager, GECCWG	Programs as available
Medium Priority	" "	Assess and develop systems that support public and shared micro-transit opportunities	Planner, GECCWG	Lanark County, Lanark County Transit, neighbouring municipalities, Climate Action Network of Lanark County, Smiths Falls and Region, Clean Air Partnership, ecoPerth ride share, (Cancer Society, Rideau Home Supports)	4-2021
Medium Priority	Cut GHG emissions by increasing the supply of renewable energy	Support the adoption of renewable energy such as solar, wind and water generation by Tay Valley residents, businesses and organizations	Planner	Lanark County, neighbouring municipalities, local suppliers and builders	1-2021
Medium Priority	" "	Advocate for implementation of Smart Grid capabilities	Planner, Council	GECCWG	2-2021
Medium Priority	" "	Advocate for Virtual Net Billing	Planner, Council	GECCWG	Complete

High Priority	" "	At the beginning of each term of Council, amend the Terms of Reference for the GECCWG to remove tasks that have been completed and to add new tasks required to fulfill its mandate	Planner, Council	Lanark County; Leeds, Grenville, Lanark District Health Unit; Climate Action Network of Lanark County; Smiths Falls and Region; FCM	4-2021
Medium Priority	Dramatically reduce methane release and other GHG emissions from the landfill and waste streams	Investigate and assess options for mitigating methane release from the landfill including working with Lanark County and neighbouring municipalities	Public Works Manager	Province of Ontario, Lanark County, neighbouring municipalities, universities	2-2021
Medium Priority	" "	Expand materials to be recycled and increase recovery rates	Public Works Manager	Province of Ontario, Lanark County, neighbouring municipalities, GECCWG	3-2021
Medium Priority	Minimize energy consumption and GHG emissions of Municipal buildings	Assess any new construction, renovation, or maintenance for its potential opportunity to reduce GHGs and operating costs of all Municipal buildings	Public Works Manager	Treasurer, CAO, GECCWG	3-2021
Medium Priority	" "	Continue lighting retrofit projects	Public Works Manager	Hydro One	Programs as available
Medium Priority	Generate revenue to offset costs through net metering	Assess and implement net metering to reduce GHG emissions from electricity consumption and to generate revenue to offset costs by installing solar PV with appropriate buildings	Public Works Manager	GECCWG	Programs as available
Medium Priority	Cut GHG emissions from the fleet	Assess current fleet and any new potential purchases by type of use/size for lowest costs and GHG emissions	Public Works Manager	Treasurer, GECCWG, Planner, Lanark County	1-2021
Medium Priority	Cut GHGs emitted as a consequence of road materials	Evaluate roadbed and shoulder materials for GHG emissions	Public Works Manager	Province of Ontario, neighbouring municipalities, Lanark County	2-2021
Medium Priority	Enable and educate Council and staff to act on cutting GHG emissions	Educate Council and staff to facilitate carpooling, employee switching to electric vehicles (EVs) and removing organics and plastics from waste stream	Planner	All staff	2-2021
Medium Priority	" "	Install bike racks	Public Works Manager	Clerk	Complete

Medium Priority	Cut GHG emissions from homes and small business buildings in the community	Develop a Home and Small Business Building Energy program with financing and bulk purchasing capacity	Planner, Clean Air Partnership, GECCWG	Government of Canada, FCM, AMO, HRAI, IESO, City of Toronto, Lanark County, Lanark County Social Services, Smiths Falls, REAL, Home-Sol, Lanark and Leeds Home Builders Assoc., City of Kingston, Hydro One, Enbridge, Greensaver	3-2021 with FCM Pilot
Medium Priority	" "	Encourage the development of training for local businesses and personnel in the delivery, installation and maintenance of low- and no-carbon systems such as heat pumps and PV systems.	CAO	Algonquin College, Lanark and Leeds Home Builders Assoc., local businesses	1-2021
Medium Priority	" "	Adopt LEED, Passive House, Green Development Standards and methods that evaluate embodied GHGs in construction materials when they become available	Planner	Toronto and Hamilton Planners and CBOs, Association of Low-Carbon Builders	4-2021
Medium Priority	Cut GHG emissions from agriculture and increase soil sequestration of carbon by farms	Support and promote farm organizations that engage their members in GHG reductions, sequestering of carbon and provide low- or no-carbon crop drying systems	Planner, Climate Action Network of Lanark County, Smiths Falls and Region	National Farmers Union, Ecological Farmers Assoc. of Ontario, Ontario Federation of Agriculture, Lanark County Agriculture Committee, Alternative Land Use Service (ALUS)	2-2021
Medium Priority	" "	Assess support for and advocate for reversal of the expansion of natural gas pipeline and services in Eastern Ontario	Council	Lanark County, Eastern Ontario Wardens' Caucus, Ontario government	Complete
Medium Priority	" "	Advocate for opportunities that provide lower-cost low-carbon or no-carbon crop drying systems	Planner	Eastern Ontario Wardens' Caucus	2-2021
Medium Priority	" "	Investigate methane collection, capture and use on farms and supply streams including residential compostables	Public Works Manager, GECCWG	National Farmers Union, Ecological Farmers Assoc. of Ontario, Lanark County Agriculture Committee	2-2021
Medium Priority	" "	Promote less waste of food	Planner	Province of Ontario, The Table	2-2021

Medium Priority	" "	Encourage local farms to produce more food for local consumption	Planner	National Farmers Union, Ecological Farmers Assoc. of Ontario, Lanark County Agriculture Committee, Lanark Local Flavour, Two Rivers Food Hub	2-2021
Medium Priority	Monitor for and develop Nature-Based Climate Solutions that sequester carbon in local natural systems, including marginal agricultural lands	Facilitate planting of 10,000 trees/year, incentivize personal commitment to plant 10 trees/person/year	Planner	Lanark County, Mississippi Valley Conservation, Rideau Valley Conservation Authority, GECCWG, Climate Action Network of Lanark County, Smiths Falls and Region	3-2021
Medium Priority	" "	Develop a Natural Heritage System Plan for Tay Valley Township which implements Dr. Paul Keddy's Lanark County Green Gems project	Planner	MNRF, MVCA, RVCA, Lanark County, GECCWG, Lanark County, Climate Action Network of Lanark County, Smiths Falls and Region	4-2021
Medium Priority	" "	Consider incentivizing encouragement of home food production, conversion of lawns to natural spaces and/or food gardens using the model of the Minnesota bee friendly lawns	GECCWG	Climate Action Network of Lanark County, Smiths Falls and Region	3-2021