

In attendance:

IN ATTENDANCE

Members

Ashish Patel	GTAA	ashish.patel@gtaa.com
Jeff Robertson	Bimbo Canada	jeff.robertson@grupobimbo.com
Kaitlyn Myles	Bimbo Canada	Kaitlyn.myles@grupobimbo.com
Patrick Huynh	Maple Leaf	patrick.huynh@mapleleaf.com
Katelyn Poyntz	Unity Health	katelyn.poyntz@unityhealth.to
Nathaniel Magder	Trillium Health Partners	nathaniel.magder@thp.ca
Amtex (Yarn)	Zein Dawood	zdawood@amtexyarns.com
Sebastijan Zupanec	Nahanni Steel	s.zupanec@nahannisteel.com

Guests

Chaya Chengappa	TRCA/ PPG	chaya.chengappa@trca.ca
Phil Dick	OMAFRA	phil.dick@ontario.ca
Yetunde Emmanuel	Unilever	yetunde.emmanuel@unilever.com

REGRETS

Behzad Hosseinpour	Maple Leaf	behzad.hosseinpour@mapleleaf.com;
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PWC	Nicole Savard	nicole.savard@pwc.ca

AGENDA

TIME	ACTIVITY
1:00 – 1:10 PM	Updates, Reminders, & Intro <ul style="list-style-type: none">• Matt Brunette, Partners in Project Green
1:10 – 1:45 PM	Decarbonizing Industry: Opportunities for Heat Recovery <ul style="list-style-type: none">• Stephen Condie, Noventa Energy• Lukas Glaspell, Trane Technologies Toronto
1:45 – 2:00 PM	Question & Answer Period
2:00 – 2:45 PM	ELC Member Roundtable (Members Only)

FOLLOW UP ACTIONS AND COLLABORATION

April 2022

- Patrick (Maple Leaf) and Sebastijan (Nahanni Steel) to follow-up regarding additional controls from Renteknik.
- Jeff (BIMBO) to connect with Jim Cotton at McMaster University regarding research on heat recovery from ovens and flue gas. Could be a potential ELC session presentation.

MEETING MINUTES

#1 – PPG Updates, Reminders, & Intro

- Next ELC session coming up on Thursday April 28th from 1:00pm to 2:30pm on solar PV and solar thermal technology for commercial and industry
- PPG new website launching on April 22nd. Instructions for accessing the member-portal have been sent out via email. Please join us at the event to learn more:
<https://partnersinprojectgreen.com/events/powered-by-purpose-investing-in-our-planets-future/>
- Reminder to please provide updated logos (.eps or .png) and touch base with Matt if membership renewal is in April
- A workspace has been created in Slack for the ELC with several channels for casual communication on events, projects, technology, etc. Slack will be piloted with the group for 6 weeks (ending June 3rd). If found to be useful for the group, the usage of Slack will be extended

- E'nergys is visiting Ontario May 3-5. Let Matt know if you are interested in meeting with them
- With in-person ELC sessions expected to start this summer, please contact Matt if you are interested in hosting a facility tour this year.

#2 – Roundtable Discussion

Unity Health

- Submitted Low Carbon Economy Fund (LCEF) expression of interest in March. Continuing to work on other projects. Projects with VFDs and pumps are about 50% complete. After significant supply chain delays projects are progressing well.
- With recent addition of new Save on Energy Retrofit program incentive measures, submitted application for incentives on lighting control upgrades.
- Undergoing sustainability engagement initiative for front line staff. Connecting resources and facilitating local green teams at department level to help inform sustainability advisory committee. Plans to take initiative to executive committee to get started.
- Interested in opportunities for new high efficiency dehumidification system (HEDS). Potential topic for future ELC sessions. Do other ELC members have familiarity with this technology?

Nahanni Steel

- Talking to Renteknik Group about installing electric and air flow meters. Quote is finalized and getting ready to implement system. Should be operational by mid-to-late June. System will collect data on pulse inputs as well.
- System will help collect data air compressors and quantify what's being produced vs where it's being lost.

Grupo Bimbo

- Currently considering solar power opportunities at distribution centres and working through facility LED projects.
- Increased number of Energy Star certified facilities to 4 out of 16.
- Announced change in packaging, now using compostable bread clips. Big sustainability win that has been getting a lot of attention.
- Applied for EMIS funding, hoping it comes through but have not heard any updates recently. Phil Dick (OMAFRA) indicated that the newly released Federal budget may have impacted spending plans for government programs, likely resulting in delayed communications. Phil's recommendation was to contact the program for an update on application status.
- Moving forward trying to move plants to boiler-less plant operations. Trying to convert Quebec facilities first. Target to go to smaller mobile steam generation units that are electric. Will follow up with vendors on boilers.

- Recently achieved zero-waste-to-landfill in Moncton. Getting a more detailed analysis on all waste streams across Canada. Target is to have all facilities as zero-waste-to-landfill.

Trillium Health Partners

- Not many new updates, waiting on budget to get go ahead for projects.
- New construction starting for new Mississauga hospital. The building is expected to be the biggest hospital in Canada and going for LEED certification. More details to come.
- EV chargers, going in for new parking garage – single circuits, hoping to scale up chargers eventually without having to put in new transformers. Applying for EV charger incentives and still deciding which vendor to apply through (e.g., Alectra or TAF). It will likely depend on how they package up their charging stations. Jeff (BIMBO) indicated that TAF might already be fully subscribed.
- Looking at BAS and lighting upgrades in terms of operational projects this year.
- Also interested in dehumidification as it is a big part of load of heating/cooling load.

Maple Leaf

- Exploring anaerobic digestion in Manitoba – addressing animal-related emissions. Project still in the early days but expected to help achieve 2030 GHG emission targets. Currently developing feasibility study and business case.
- Opportunities discussed in the ELC heat recover session on low grade heat recovery.
- Financial arrangement with Johnson Controls, offering energy as a service. Timely for internal maintenance, focus on lifespan and longevity of equipment – raises additional questions on asset management strategies.
- Battery project no longer moving forward, result of bad timing.
- Conducting employee engagement pilot with 360 Energy. Moving away from conventional utility auditing program. Will have 360 Energy offer coaching and mentoring to plant workers on identifying energy efficiency opportunities. Pilot represents a change in management attitude. Initiative will help collect data and ensure long lasting impacts/ accountability at the plant level.
- Have any other ELC members tried working on a digital integration system to coach and enable staff on finding energy efficiency opportunities?