



MEETING MINUTES

2021 ENERGY LEADERS + SME CONSORTIUM MEETING
ROUNDTABLE WITH MOLSON COORS
AUGUST 19TH, 2021

IN ATTENDANCE

Members

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Guests

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Staff

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Nathaniel Magder

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REGRETS

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AGENDA

2:00pm-2:10pm: PPG Introduction

2:10pm-2:40pm: Molson Coors: Decarbonizing Heat

2:40pm-3:30pm: Group Roundtable

FOLLOW-UP ACTIONS AND COLLABORATION

- Members to follow up with Tom Skelly (Kingspan) on strategies for electric forklift charging at 24/7 facilities
- Nicole (Pratt & Whitney) to follow up with Jeff (Bimbo Canada) on how the carbon impact of WFH was calculated

MEETING MINUTES

#1 – PPG Introduction

Nathaniel reviewed upcoming events and industry updates, including:

- **IESO Industrial Stakeholder Survey:** IESO seeking input from companies with Class B facilities on how to develop programming to best support energy efficiency ([LINK](#)).
- **EV Charger Incentives:** Expected programs will be released this fall/winter for projects with under 20 charging ports, various programs will be implemented by jurisdiction, across the country ([LINK](#)).

#2 – Presentation: Molson Coors

Antonio Mayne presented on evaluation and plans for projects to decarbonize thermal natural gas loads at the Toronto plant.

The presentation highlighted:

- How various decarbonization pathways were evaluated, including impacts of providing heat by biogas, electric resistance and heat pumps.
- Avoiding HOEP peaks (and by associating GA peaks) can reduce electricity costs to as low as \$0.027/kWh
- Dual-fuel systems can be used to avoid peak costs
- Carbon taxes now and even more so into the future will allow for thermal electrification projects

#4 – Roundtable Discussion: Conservation Projects

Roundtable discussion where members give updates on current projects and share recent successes, challenges and related tools and resources.

Below is an overview of energy projects identified at meetings that are currently being evaluated, are underway or recently completed. The purpose of this working document is for members to identify others in the group that are working on similar projects.

PROJECT SYNERGIES – Energy Leaders Consortium

	BIMBO	PHILIP	BAH	FLYNN	GTA	LINCOLN ELECTRIC	MAPLE LEAF	MOLSON COORS	PHIL & WHITNEY	DUTMAN	UNIVERSITY HEALTH TORONTO	WELLS FARGO	AMERICAN PARKER
Battery Storage	●							●	●	●			
Biogas								●	●				●
Boilers	●			●	✓	●	●	●	✓	●	●	●	
Building Automation Systems (BAS)		●		●		●			●	●			
Cogeneration				✓									
Compressed Air	●	✓	●			●	●	●	●	✓			●
Continuous Commissioning				●						●	●		
Corporate Energy/Sustainability Strategy							✓		●	✓		●	●
Energy Monitoring		●	●	✓	●	✓	✓	●		●	●	●	●
Employee Engagement			●			●	●	●		●	●	●	●
Energy Star Certification	●									●		●	
Electric Vehicles (EVs)		●		●	●					●		●	
Forklifts		●					●						
Heat Recovery	●							●		✓	●		
Hydrogen		●											
Insulation Upgrades								●		✓			
ISO 50001 Certification			●			✓							●
Lighting	●	✓	●	●	●	●	●	✓	●	●	●	●	✓
Low-GWP Refrigerants	●												●
Peak Curtailment								●	●				●
Power Quality				●			●			✓			●
Process Efficiency						●		●					
Pumps and Fans			●							●	●		
Refrigeration Plant				●			●	●			●	●	
Renewable Energy Procurement / Carbon Credits	●							●		●			
Solar PV (On-Site)				●	●		●						
Solar Thermal				●									
Sustainable New Construction				●							●		
Waste Management	●						●			✓	●		●
Water Efficiency				●			●	●		●			●

- In Progress
- ✓ Completed

ALGOOD CASTERS

Sustainability Strategy

- CDP reporting to customers

Forklifts

- Converting from gas to electric

Low-GWP Refrigerants

- Feasibility study on conversion away from R-22

Compressed Air

- Leak detection assessments

GRUPO BIMBO CANADA

Sustainability Strategy

- Enviro-Stewards Food Loss Waste (FLW) and utility assessments now completed across 85% of portfolio

Renewables Procurement

- Exploring arrangements that exclude electrification projects from impacting VPPA and REC purchasing

Lighting

- 30% complete, targeting 100% by end of year

Battery

- Targeting go-live in October

Waste

- Evaluating different ways of defining diversion
- Looking to target a goal that surpasses UN SDGs

KINGSPAN PRODUCTS

Corporate Strategy

- Working toward ISO50001 certification, driven by global office (located in Europe)

Electric Vehicles

- All new corporate vehicles to be purchased going forward will be EV

Lighting

- LED retrofits across entire portfolio complete

Waste

- Reduced by 60% this year, targeting another 10% through recycling streams
- The balance will go to waste-to-energy facilities.

PRATT & WHITNEY CANADA

Lighting

- Exterior LED project targeted completion for Q3
- Interior lighting targeted completion for Q4

Compressed Air

- Looking to automate operations of testing facility and move smaller compressors further from employee work areas, to improve noise exposure impacts
- Piping replacements will allow opportunity to optimize design for energy efficiency

Refrigeration

- Controls Optimization project, to run cooling towers only when compressed air facility is operating

EV Chargers

- Interested in programs that allow for <20 charging ports, once available

UNITY HEALTH TORONTO

HVAC

- Air handling unit pumps being upgraded with VFDs
- Contracts and POs complete

Refrigeration Plant

- Looking to do a study on adding automated controls to optimize output to demand of facility

 **Sustainable New Construction**

- Seeking strategies for low-carbon HVAC for new wing, that can integrate with existing facility

WESTON FOODS

 **Sustainability Strategy**

- Corporate reporting requirements for: CDP, SASB, Walmart Gigaton Challenge, McDonalds, Statscan.

 **Low-GWP Refrigerants**

- Reporting required for community safety plan for ammonia refrigeration plants in US