



TESLA OWNERS CLUB OF ONTARIO

We're a community of Tesla owners and reservation holders in Ontario



MESSAGE FROM THE PRESIDENT

Hello everyone,

As I write this it is snowing outside so unfortunately Winter has arrived!

In this issue you will learn about a worldwide Owners Club Summit that we attended recently. This was to share ideas and best practices with other clubs.

There is also info on our upcoming Toy Drive. Hopefully you will all participate in that.

The club survey is out and we've had a great response (almost 40% of members), we will review all the results soon.

There is good news about the Supercharger trash bins, we will have our first one installed in Grimsby. In addition we have approval to display our information cards at all the Ontario service centers.

Stay tuned for info on the social functions we are planning for 2020.

John Dixon

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This is a newsletter from and for the Tesla Owners Club of Ontario (TOCO).

<https://ontario.teslaownersclub.ca>

Let us know how we can serve you. Member's contributions are welcome. Send us your stories and pictures to be shared in an upcoming newsletter.

Send your material to:
Info@teslaownersclub.ca

All views, opinions, and information expressed in this communication are of the individual authors and do not represent any entity, including the Tesla Owners Club of Ontario, Tesla Canada, and Tesla, Inc.

OUR SPONSORS:



WHAT'S NEW

Club Growth

- 545 members (September = 536)
- 1,246 followers on Instagram (September = 1,200)
- 2,345 followers on Twitter (September = 2,313)
- 1,389 members in the Facebook group (September= 1340)

Updates

- **INFO CARDS:** We have now been approved to display our info cards at the 4 Tesla Service Center locations in Ontario
- **GARBAGE BINS:** We have been working on getting trash bins at some Supercharger locations but there have been challenges. Finally got the go ahead to install our first one at the Grimsby Supercharger (should happen in the next couple weeks)
- **CLUB SURVEY:** A club survey was sent out earlier today to all members to solicit their feedback on everything we do
- **CLUB CLOTHING:** Stay tuned for more information on our online shop where you will be able to order club branded clothing!

NEXT CLUB MEETING

Next Club meeting:
Tuesday December 3rd , 2019

6:30 pm Q&A session for new Tesla owners and reservation holders
7:00 pm meeting start

Dave and Buster's Function Room120
Interchange Way Vaughan ON
L4K 5C3

There will be no fee to attend this meeting for members and their guests. We will be providing a more substantial Holiday style meal.

It is imperative that you obtain a ticket through Eventbrite. This is to ensure we have the correct amount of food and beverages available. Tickets will be available up until Friday, November 29.

About our next speaker: P.J. Dermody Insurance Brokers.

One of our Ludicrous Sponsors

NEWS

Due to our successful event last year supporting the Toronto Fire Fighters Toy Drive, we are participating again this year at our next meeting on **Tuesday, December 3.**

Last year, we collected over 100 gifts and raised \$775 in cash donations. It would be great if we could exceed those numbers this year.

- Special no-charge Holiday dinner for that meeting
- Draw for door prizes
- Everyone that donates will be entered into a special prize draw
- Option to donate cash if you cannot attend the meeting
- If you would like to participate, we kindly ask that you bring one or more newunwrapped toys to the meeting. There is an extra need for toys for children ages 11-18 (see below for a list of suggestions).
- For those of you who cannot make it to the meeting to drop off a toy but would like to participate, we are collecting cash donations as well.



WORLDWIDE LEADERSHIP SUMMIT

TESLA OWNERS CLUB PROGRAM: Tesla Owner Clubs are a community of owners and enthusiasts committed to evangelizing Tesla's mission to accelerate the world's transition to sustainable energy.



OWNERS CLUB PROGRAM

Club members can help advocate for the company by supporting legislative efforts, offering test drives, volunteering at shows, assisting prospective owners, hosting social events and passionately referring friends and family to explore Tesla ownership for themselves.

Tesla intends to support Tesla owners' clubs that comply with the Owners Club Program conditions with special benefits.



4 club executives attended the 3rd Annual Summit in Los Angeles last month

- Discussed best practices, learned about new initiatives for the future
- Panel discussion from 3 Tesla influencers: Bonnie Norman, Leilani Munter and Ryan McCaffrey
- Keynote speech by Leilani Munter with focus on the documentary Racing Extinction



UPCOMING SPECIAL EVENT

Racing Extinction Viewing: A challenge was issued to all clubs at the Leadership Summit to screen this very impactful documentary over the next few months.

About the film: In Racing Extinction, a team of artists and activists exposes the hidden world of extinction with never-before-seen images that will change the way we see the planet. Two worlds drive extinction across the globe, potentially resulting in the loss of half of all species. The international wildlife trade creates bogus markets at the expense of creatures that have survived on this planet for millions of years. And the other surrounds us, hiding in plain sight — a world that the oil and gas companies don't want the rest of us to see. Using covert tactics and state-of-the-art technology, the Racing Extinction team exposes these two worlds in an inspiring affirmation to preserve life as we know it. From the Academy Award® Winning Filmmakers of "The Cove"

Who is Leilani Munter: Leilani is a former race car driver, an environmental activist and she's a Tesla Model S and 3 owner who charges her cars with the solar panels on her home. She's been named the #1 eco-athlete in the world by Discovery's Planet Green, one of the top ten female race car drivers in the world by Sports Illustrated and was given the Genius Award by ELLE Magazine. She's an advocate for renewable energy, electric cars, veganism and animal rights.



Leilani is on the board of the Oceanic Preservation Society (OPS) which is a non-profit organization that creates inspirational media to save the oceans. In 2015, following the success of The Cove, Leilani worked with OPS on Racing Extinction where she drives a very special Tesla Model S.



Learn more about the film [here](#) and find out more about Leilani on her [website](#).

You can also read her interview with Aniseh on [here](#) where she talks about her Teslas and her new documentary.

NOVEMBER MEETING PRESENTATION

Jordan Beekhuis from Rankin Renewable Power Inc. was our guest speaker this November. Jordan is the director of Sustainable Development and he discussed why the electricity sector in Ontario has stalled on the path towards sustainability. He also shared some solutions on how to get back on track. This is a quick summary of his presentation.

Over the last decade the people of Ontario have contributed extensively to the global effort to bring down the cost of renewable energy, primarily wind and solar. As a result, these technologies now consistently offer the lowest cost of electricity and allow a compelling case to be made that they should provide much more of our total energy. As just one example, recent contracts in Canada acquired wind energy at less than 4 cents/kWh. This is very cheap for new electricity supply, cheap enough in fact to compete favorably with home heating as residential gas prices will approach 3 cents/kWh by 2022 and electric heat pumps can provide three times higher efficiency. Ontario's efforts to help these industries mature resulted in the complete elimination of coal from our generation mix, and we now enjoy electricity that is 95% emissions free. In fact, we have a surplus of clean electricity that offers a unique opportunity to kickstart the displacement of fossil fuels in many applications where electricity has not previously been considered competitive!

Unfortunately, having a clean electricity supply and declining electricity demand in Ontario has created the perception that there is no room for new clean energy and has derailed the industry. There are no new large scale renewable energy projects projected for at least the next decade. This is devastating to our remaining emissions reduction goals as clean, renewable electricity is the best alternative for the majority of our energy needs. The focus of the system operator (IESO) and Ontario government on squeezing down prices from the supply side will ultimately just make things worse because costs are largely fixed. Prices are being driven up due to under-utilization of electricity as the fixed costs of production are distributed over less demand, generators must be paid to sit on standby and energy is wasted by turning off supply that could be used at no additional cost.

In Ontario we must step back and make our new frame of reference the entire energy supply where well over 80% of the energy still comes from fossil fuels and electricity makes up only 16% of the total. Jurisdictions like British Columbia and Quebec use electricity for 19-35% of their primary energy as their retail pricing makes customers more likely to choose electricity over fossil fuels in far more applications.

In Ontario we can no longer passively observe electrification we must actively restructure retail electricity pricing to encourage the use of electricity in place of fossil fuels. Key to this is addressing market distortions like the global adjustment and ICI program, and rethinking well-intentioned but simplistic price structures like the current time-of-use programs. Experts in this field have given us a guide to get started in the Ontario Society of Professional Engineers April 2019 research report Retail Price Reform: Path to Lower Energy Bills and Economy-Wide CO2 Emissions Reductions. They encourage a renewed focus on pricing that can put the current surplus to use and set the conditions where new low cost generation can blend down existing costs. There is no one perfect price structure but ultimately prices must reflect real costs in such a way that customers save money when their decisions reduce the costs of production and distribution. Flexibility is increasingly the most important cost driver and prices should better reflect this by offering lower rates for consumers who can capture power when it is abundant and ride through times when it is constrained.

What is so encouraging is that the energy uses taken from fossil fuels are typically far less disruptive to make flexible than common electricity uses. Using a smart charger to start and stop electric vehicle charging or using the thermal momentum of your home or hot water to provide flexibility takes minimal investment and is rarely noticeable. As a result consumer side flexibility can be far more cost effective and efficient than using batteries to return power to the grid. Growing the electricity sector through pricing reform is the most important step that Ontario must take to reclaim our position as leaders in the fight against climate change. The fact that doing so will further enhance our conservation efforts and reduce overall costs should give us all the motivation we need to make this a top priority.

Additional Links:

- **LAZARD 2018 Levelized Cost of Energy Analysis**
- **Ontario Environmental commissioner report "Making Connections"**



As Tesla owners, we are often in conversations about our cars. There are a lot of misconceptions about EVs and since we are driving one we're also advocating for them. In this section of the newsletter, we're busting common myths to help you confidently respond to them.

Myth: Manufacturing EV batteries are more damaging to the environment.

An argument that is routinely put forward to contrast the clean image of electric cars is the pollution behind the manufacturing process of their batteries.

a 2018 International Council on Clean Transportation (ICTT) report illustrates the stark difference in emissions between electric and internal combustion over the course of their lifetimes.

- With no combustion and complete lack of tailpipe emissions, EVs produce the bulk of their emissions through their manufacturing process and the sourcing of their energy, giving them an advantage over petrol and diesel-powered cars.
- Whilst ICEVs have been steadily reducing their emissions since 2000, electric vehicles still have a marked edge by producing close to no running emissions.
- As EVs become more common and manufacturing becomes more widespread, battery recycling will be more efficient and reduce the need to extract new materials, therefore lessening the reliance on mining and production of new batteries.

These notes are from an article in Forbes called ***Are Electric Vehicles Really Better For The Environment?***

Membership Benefits

The value of being a Tesla Owners Club of Ontario member continues to evolve. Be a part of this growing community!

This group is unique in its connection to Tesla — a direct connection through the club for owner issues or concerns. Our executive committee works to strengthen our connections with Ontario businesses interested in our Teslas. Our growing sponsor list and benefits are indicative of the work happening behind the scenes.

We have great networking opportunities and many social events, and are working to develop more membership benefits. Let us know what you'd like to see and how we may serve a broader Ontario-wide Tesla Owners community. Share your ideas with any of the executive committee members, or write to info@teslaownersclub.ca.

FUN FACTS

During his presentation at our last meeting, Jordan Beekhuis shared a couple of interesting links for our Teslas.

Tesla Automation/Control Links:

1. **Tesla API** - instructions on how to access tesla data and control for your car directly using your user account.
<https://tesla-api.timdorr.com>

2. **Tesla HPWC** control using raspberry PI
https://youtu.be/_2A_J2Hq6-c

sharing is caring

Do you have links or apps that have been useful for you?

Share it with us!

Send us your stories and pictures to be featured in our next newsletter!

Connect with us on social media

