



**Notes for Remarks:**  
**City of Mississauga Council Meeting**  
**January 30, 2019**

Peter Gregg  
President and CEO  
Independent Electricity System Operator

Check Against Delivery

Good morning. Thank you for having me here today.

I am pleased to be here to announce the winner of the IESO's Energy Manager of the Year Award – Daniela Paraschiv, Manager of the Energy Management group at the City of Mississauga.

But before I get into more about Daniela, I want to tell you a little more about the Independent Electricity System Operator, or IESO, and what we do.

**First and foremost, the IESO reliably manages the electricity system.** That means operating and directing the flow of electricity across the province's transmission system in real time, planning from the next five minutes out to the next 20 years and acquiring the resources we need to power Ontario.

**We also work closely with communities across the province to explore regional electricity needs and to inform possible solutions.** Engaging with communities is a vital part of maintaining a reliable electricity supply, now and in the future, and Mississauga and the GTHA are no different.

**The IESO also oversees Ontario's efficiency efforts.** Energy efficiency goes beyond lowering electricity bills. It is the most cost-effective energy resource in Ontario and I'll speak more about this momentarily.

So, quite literally, the IESO keeps the lights on 24 hours a day, 365 days a year and prepares for the future so we can continue to power Ontario's homes and businesses.

We do this by identifying long- and short-term needs and acquiring the electricity resources to meet those needs at the lowest cost to consumers.

One of the most significant ways in which we're helping to make costs more affordable for Ontario consumers is through the reform of our electricity markets. It's a big initiative that will see us operate the system more efficiently, and acquire the resources we need to operate the grid at the lowest costs. I am proud to say that as a result of our market renewal efforts, we are expecting to see savings of approximately \$3.4 billion over a 10-year period.

Now let's get back to Daniela, our Energy Manager of the Year Award Winner.

This award is intended to recognize an energy manager who has shown exceptional effort in launching creative energy efficiency projects, influenced policy changes, and engaged with stakeholders to promote energy efficiency opportunities.

With more than 25 years of experience in the energy field, Daniela has a deep understanding of the business and continues to make important contributions to the city's energy performance.

Energy managers are deployed at customer sites across Ontario, providing strategic and technical expertise to identify energy savings and smart energy investments. In fact, Ontario has the largest Energy Manager program in North America.

Together with our LDC partners – like Alectra – the IESO is delivering a suite of energy efficiency programs, including the Energy Manager program. Energy managers in Ontario reduced total energy consumption by 430,000 MWh in 2017 – saving more than \$50 million dollars annually. And we know that every dollar invested in energy efficiency avoids \$3 in investments in new transmission and distribution infrastructure. So those long-term persisting energy savings accrue to all electricity ratepayers in the province.

From the city's perspective, you can provide better services at a lower operating cost. It has a ripple effect. Your progress in energy efficiency enables Alectra and the IESO to plan better and respond to the increased demand from the development in your community right now.

Daniela was up against some stiff competition for this award, and her achievements are indicative of the great work happening in the municipal sector for energy management.

What Daniela has shown us, through her efforts, is that the key to achieving sustainable energy savings is to tap into people's desire to embrace innovation and willingness to accept new challenges.

The operation optimization programs Daniela implemented here at the City of Mississauga are designed to support energy efficiency in city buildings. They do this by employing best operating practices and equipping relevant personnel with the knowledge and competencies required to make a difference on a daily basis.

Participation in BOMA's Race to Reduce campaign saw 19 facilities in Mississauga alone compete to find no-cost or low-cost energy efficient measures. Since the May 2017 kick-off of this campaign, city facilities have saved 3.96 GWh of electricity and \$343,000 in annual costs. The city's use of real-time metering and analytics has also resulted in thousands of megawatt-hours of savings.

Municipalities across the province have a partner in the IESO. The IESO has engaged many municipalities in identifying and responding to local needs for energy infrastructure in our planning processes. The IESO has also produced a number of products, like the Municipal Energy Profile, and a forthcoming study on Water and Wastewater Treatment, to provide advice to municipalities how to manage their energy use, and provide greater value back to their communities.

In closing, I would like to congratulate Daniela on her achievement and efforts. Thank you to the city for supporting energy efficiency, and thank you all for your time this morning.