



October 26, 2017

City & ATCO Electric Begin LED Streetlight Conversion

Lloydminster, AB/SK - On Oct. 26, 2017, the City of Lloydminster in partnership with ATCO Electric will begin replacing outdated HPS street lights on College Drive (25 St. from 50 Ave to 59Ave and 59 Ave up to 36) with more efficient LEDs.

The upgrade is expected to be completed by the end of November and features an Intelligent Street Lighting System Pilot, which dims lights based on movement to conserve energy. Other benefits to LED lighting include:

- Long-term energy and cost savings
- Improved colour rendering and lighting uniformity
- Reduced light pollution
- Reduced greenhouse gas emissions
- Reduced glare and increased public safety
- International Dark Sky Association (IDA) Compliant

"LEDs are becoming the standard among Canadian municipalities due to their positive impact on the environment and public safety," said Terry Burton, Senior Manager, Engineering. "LEDs require significantly less maintenance and energy than the current HPS bulbs, allowing for sustained savings to future operations budgets."

The new lights are at minimum 35 per cent more efficient than HPS bulbs and operate at 3,000 Kelvins colour temperature, which studies prove is the optimal rate for healthy human and wildlife absorption.

"The City of Lloydminster is demonstrating great leadership by introducing this sustainable lighting solution and ATCO is thrilled to be a part of it," said Wayne Stensby, Managing Director, Electricity Global Business Unit at ATCO. "Adopting innovative technologies like this will not only result in economic savings, but also lower carbon emissions, while improving safety and security for residents."

The intelligent streetlight control pilot has the potential to further improve operational and maintenance efficiencies. For more information go to lloydminster.ca/index.aspx?NID=615.



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MEDIA RELEASE

Media Contacts:

Michael Specht
Coordinator, Media & Digital Communication
P: 519-386-3450
E: mspecht@lloydminster.ca

Leo Paré
Director, Communications
P: 780-875-6184 Ext.2711
E: lpare@lloydminster.ca