



# 2019 Potential Solar Application

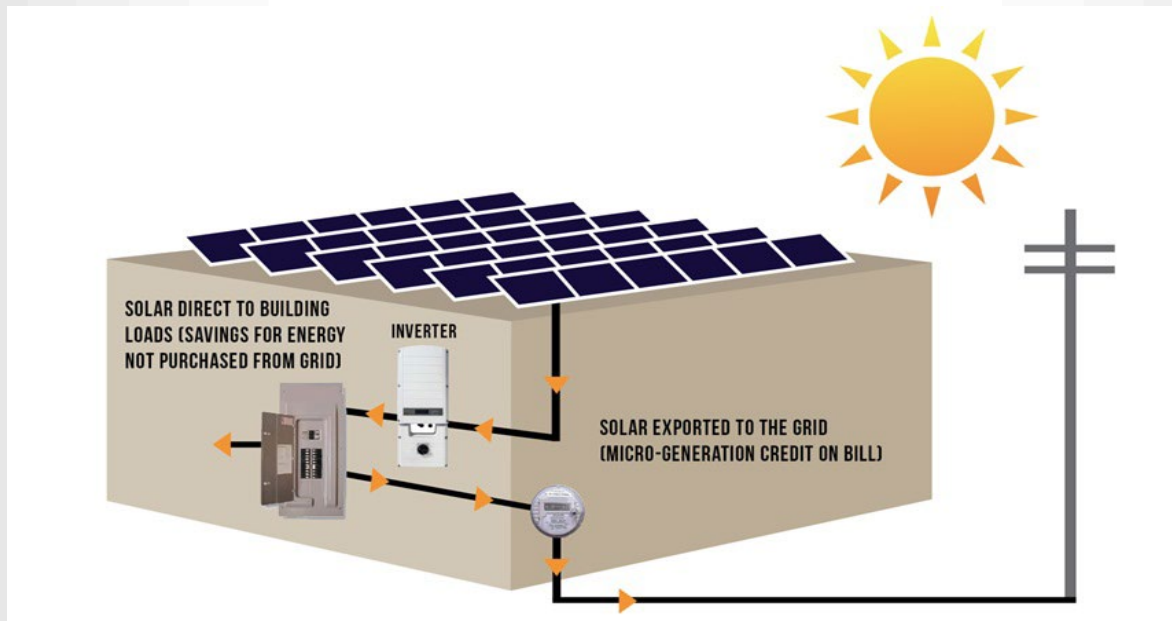
March 12, 2019  
Regular Council Meeting



# Background

*Sturgeon County's 2018-2027 Strategic Plan highlights Environmental Stewardship as one of the five key focus areas.*

- Practises in place to reduce Sturgeon County operations environmental impact.





# Background

- The Alberta Municipal Solar Program (AMSP) provides financial rebates to Alberta municipalities who install grid-connected solar photovoltaic (PV) systems on municipally owned facilities or land and complete public engagement for the Project.
- Both the Fire Hall and Fleet Maintenance shop are eligible for financial rebates under the existing AMSP program.
- The Fire Hall and Fleet Maintenance shop would both be eligible for rebates of \$0.75/W. The municipalities' first project with the Municipal Climate Change Action Center (MCCAC) would be eligible for an additional grant of \$0.25/W.
- Escalating cost of energy that is being displaced is unknown however, paybacks of similar sized installations are typically projected < 20 years.
- Focused study on large buildings but opportunity exists at lift stations, water fill stations and remote site.

# Fleet Shop



- Potential 50 KW output
- Net Export potential

# Fire & Protective Services



- Potential 120 KW output
- Net Export potential