

Request for Decision

Title	Solar Opportunities Investigation and Request for Proposal
Proposed Motion	<p>1. That Council authorize Administration to investigate solar opportunities on County buildings that would be eligible for existing Municipal Climate Change Action Centre (MCCAC) grants.</p> <p>2. That Council authorize Administration to proceed with a Request for Proposal related to the installation of solar facilities on County buildings eligible for existing MCCAC grants.</p>
Administrative Recommendation	That Council authorize Administration to investigate solar opportunities on County building eligible for existing MCCA grants and proceed with an associated Request for Proposal (RFP) for future council consideration.
Previous Council Direction	<p>2018-2027 Sturgeon County Strategic Plan</p> <ul style="list-style-type: none"> • Environmental Stewardship Focus Area
Report	<p><u>Background Information</u></p> <ul style="list-style-type: none"> • The County’s current buildings are connected to the existing power grid. • Electricity received is subject to baseload operations that are currently feeding the grid. • Currently in Alberta, roughly 30% of all generated electricity comes from coal-fired generation. Gas plant generation is the next highest producer, with a small percentage of generation attributed to wind, solar and biomass generation. <p><u>History</u></p> <ul style="list-style-type: none"> • Over the last several years, solar opportunities have been discussed but a more thorough review has not been undertaken by Administration. • Solar installations have become more prevalent with the reduction in solar panel pricing. • Grants such as the rebates from the Municipal Climate Change Action Centre (MCCAC) have allowed municipalities to access required capital, easing the initial burden on installation. • General public sentiment has changed over the last several years with individuals expressing support for utilizing responsible renewable energy alternatives.

	<p><u>External Communication:</u></p> <ul style="list-style-type: none"> • If approved the tender will be advertised on Alberta Purchasing Connection (APC) and in the newspaper. <p><u>Relevant Policy/Legislation/Practices:</u></p> <ul style="list-style-type: none"> • Corporate Procurement Directive • Corporate Procurement Procedure
<p>Implication of Administrative Recommendation</p>	<p><u>Strategic Alignment:</u></p> <p>Environmental Stewardship – The investigation into the potential of Solar applications on County buildings aligns with the Counties focus on responsible stewardship alternatives, reducing Sturgeon County environmental impact.</p> <p><u>Organizational:</u></p> <p>If Council approves the motion, Administration will resource accordingly to ensure cost-effective project delivery. Project Management of the installation will be included within the RFP as well as assistance with the grant application (designed according to related Sturgeon County solar panel needs).</p> <p><u>Financial:</u></p> <p>Financial implications are only estimated at this time. Administration will bring back the results of the RFP and recommended funding models for Council consideration.</p>
<p>Alternatives Considered</p>	<p>Council could defer the investigation of Solar opportunities to the 2020 budget process</p>
<p>Implications of Alternatives</p>	<p><u>Strategic Alignment:</u></p> <p>Environmental Stewardship</p> <p><u>Financial</u></p> <p>MCCAC grant funding is not guaranteed to continue. If Council decides to defer the investigation and Request for Proposal, there is a possibility that the return on investment (ROI) of this project would be reduced if funding was not available.</p>
<p>Follow up Action</p>	<ol style="list-style-type: none"> 1. Complete the preliminary investigation of the suitability of existing County buildings for solar installation. 2. Issue an RFP for the supply and installation of solar related infrastructure. 3. Present the results of the RFP to Council and discuss recommended funding.

**Report Reviewed
by:**



Scott MacDougall, General Manager, Municipal Services



Reegan McCullough, CAO

Strategic Alignment Checklist

Vision: Sturgeon County: a diverse, active community that pioneers opportunities and promotes initiative while embracing rural lifestyles.

Mission: Provide quality, cost effective services and infrastructure to meet the diverse needs of the Sturgeon County community, while improving competitiveness and sustainability.

Focus Areas	Not consistent	N/A	Consistent
Planned Growth and Prosperity			
<i>We encourage varied and integrated enterprises that enhance our strong economic base, while balancing the needs of the community and natural environment. (Strategic Plan and MDP pg. 36)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • <i>Supports a strong thriving business environment to strengthen our economic foundation</i> 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • <i>Plans for responsible growth through the MDP and regional growth plan.</i> 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • <i>Manages growth for current and future developments through: <ul style="list-style-type: none"> ○ <i>transparent bylaws, policies and processes to enable responsible land development</i> ○ <i>targeting growth around existing and identified future growth areas</i> </i> 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Maintain and Enhance Strong Communities			
<i>We are committed to a safe and viable community, where our residents are provided with access to opportunities and quality of life. (Strategic Plan and pg. 27 MDP)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • <i>Provides access to programs and services that have a positive impact on residents' quality of life</i> 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • <i>Provides access to safe and reliable infrastructure assets</i> 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • <i>Supports the safety of people and property</i> 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Strong Local and Regional Governance			
<i>We promote consistent and accountable leadership through collaborative and transparent processes (Strategic Plan and pg. 27 MDP)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • <i>Provides effective leadership and management consistent with Strategic Plan, MDP, master plans, bylaws, policies, community engagement</i> 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • <i>Considers fiscal stability and sustainability</i> 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • <i>Fosters collaborative intergovernmental partnerships</i> 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Community Identity & Spirit			
<i>We will build upon our strengths, where together we will create an inclusive, caring community (Strategic Plan and MDP pg. 27)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • <i>Promotes and/or enhances residents' identification with Sturgeon County</i> 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • <i>Support and/or collaborate with voluntary organizations in the region</i> 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Environmental Stewardship			
<i>We foster a healthy environment and minimize our impact on ecosystems. (Strategic Plan and MDP pg. 27)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • <i>Plans and partnerships that minimize environmental impact on natural areas</i> 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • <i>Provides awareness of environmental issues impacting the County</i> 	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>