

# Your Questions Answered!

### **How could the proposed project impact property values?**

There is no evidence that solar projects lower property values. Several studies have been published that come to the same conclusion. Further information can be provided upon request.

### **How are visual concerns addressed?**

Solar facilities do create a change to the visual landscape; however, total panel height is typically less than 3 meters above ground. Set-backs and landscaping can mitigate the Project's visual impact. Visual simulations of the proposed Project have been prepared to show a rendering of what the proposed Project will look like.

*Need a closer look? Ask any one of our team members for a brief tour of our Brooks Solar facility - conveniently located just outside!*

### **Will I be able to hear the solar farm?**

Solar panels do not generate noise and the minimal noise generated by the inverters/transformers is nearly imperceptible outside project limits. A third-party noise impact assessment, based on a preliminary Project design, concluded that the minimal noise emitted is within permissible levels as defined by AUC Rule 12 (night-time noise limit of 40 dBA or the day-time noise limit of 50 dBA at any home).

***Did you know?*** No noise complaints have been received to date from the Brooks Solar project which has been in operation since December 2017

# Your Questions answered!

## **Do solar panels create a glare?**

Solar panels use non-reflective glass and are designed to absorb rather than reflect light that hits the panels. The limited reflection created by solar panels is similar to the reflection on a lake.

## **Is living near a solar farm bad for my health?**

Solar panels do not pose health risks to neighbouring residents or livestock. In addition, no hazardous materials (apart from vehicle fuel) are used during construction and operation of solar facilities. The electromagnetic field created around the inverters/transformers is similar to the field created by household appliances.

## **What happens if the provincial government changes?**

The Alberta electricity market is deregulated which means that electricity can be sold to the electrical grid from any generation source provided that the energy is sold at the competitive pool price. Solar energy's continued reduction in cost (over 85% in the last decade!) and its natural advantage of being produced during the day when electrical demand and prices are at their highest make it a cost competitive energy source for Alberta electricity pool.

## **Will there be a change to my energy bill?**

It is anticipated that the electricity generated from the Project will either be sold to a company (which is the case for Brooks Solar) or to the Alberta Electrical market at the province wide electrical pool price. There will not be a perceptible reduction or increase in local energy bills as a result of the project.

## **Does the Brooks Solar II project have any subsidies?**

We are not planning on any subsidies being available for the project.