LANDOWNER SITE VISIT

Louth Callan
Renewables
EMPOWERING A
BRIGHTER FUTURE

HARVESTING THE SUN

Now that you have decided to explore your options when it comes to solar, the first step is for a Louth Callan expert to walk the site with you. This will help us to determine if your property is suitable for a project and how best to develop it. Here are the things we consider for an ideal solar installation:

1 **Parcel Size and Shape:** Generally, we look to utilize five or more acres for a solar project. The shape and topography of the parcel also helps us determine whether to install fixed tilt (FT) or single axis tilt (SAT) panels to track the sun throughout the day. Ideally, compact, cleared and even parcels work best.

2 **Location and Access:** We make sure the land has adequate proximity to utility infrastructure such as nearby power lines with sufficient capacity to handle the solar installation. It is important to be near power lines to avoid costly infrastructure upgrades that could burden a project. We also, confirm that your site has road frontage sufficient for our engineering, construction and maintenance crews to easily access the property.

3 **Wetlands:** We will walk the land with you to get a sense of wetland coverage. Wetlands can cut down on the buildable area suitable for solar. By and large, we avoid building in and around wetlands whenever possible.

http://www.louthcallanrenewables.com/

4 **Topography:** Solar best fits land that slopes less than 10% and is south-facing towards the sun. We will walk the land to get a sense of the topography and where the installation is best placed. Flatter land also allows for a wider range of solar technologies to be developed on-site, including single-axis tracking systems.

5 **Historical Land Use/Landcover:** Knowing the history of the land (as much as is known) is important to ensure we do not build on historic areas or disturb sensitive vegetation. We will talk about your history of the land and your knowledge of what came before to get a more holistic sense of the property.