



## Solar Panel Guidelines

**Solar Panel applications are reviewed by the Building Department and Fire Marshal's Office.**

Below is a list of the items checked for during the review:

1. Site Plan with Aerial View
2. Racking Layout
3. Roof /Array
4. Mounting Detail – Must be sealed by Engineer.
5. Equipment Specification Sheets
6. System Labeling Detail
7. Electrical Diagram and Load Calculation – Must be sealed by Engineer.
8. Structural calculations and letter from engineer related to the roof support – Must be sealed by Engineer.

Plans must be reference and compliant with the City of League Code adopted codes including the ultimate design wind speed.

**Codes include: 2021 IRC, 2021 Energy Code, 2021 Fire Code, and the 2020 NEC. Wind load/windstorm must be rated for the ultimate design wind speed.**

### **SOLAR PANEL INSPECTION REQUIREMENTS:**

-Must have WPI-8 uploaded online and approved by our office and approved Fire Marshal Inspection on file prior to requesting final inspection from the Building Department.

-Contact Fire Marshal at (281)554-1290 upon completion of installation for final site inspection to verify work was completed to plans and 2021 International Fire Code.

-Building Dept Final Electrical inspection must be requested by 3pm the business day before. Approved set of plans and permit are to be on site.

*\*A tech or representative will need to be on site to have the panels open for inspection before electrical inspections are complete.*