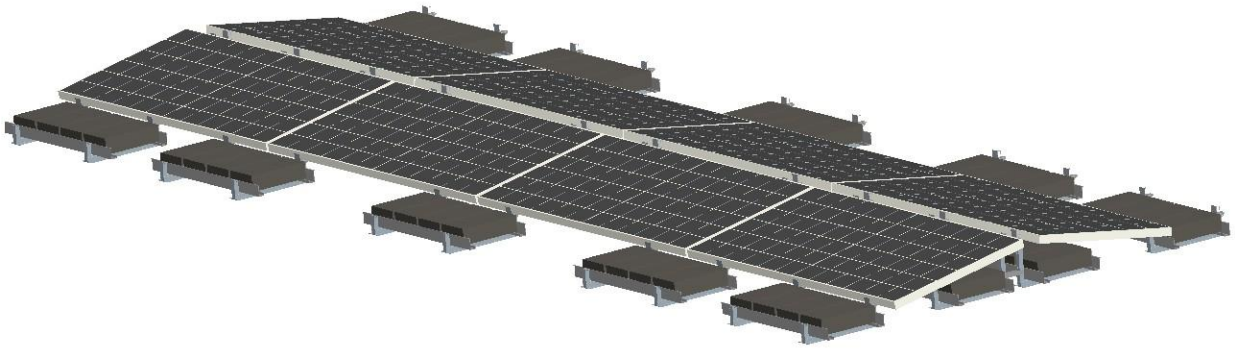
BoFace Ballasted Roof Mounting System

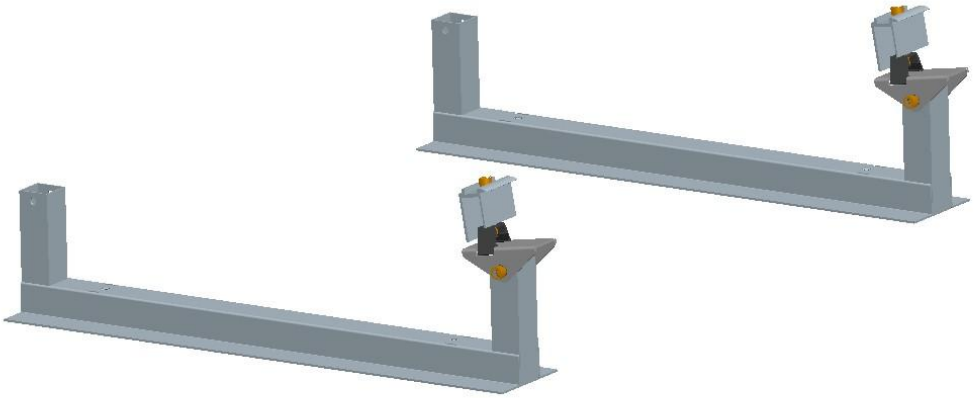


The BoFace Ballasted Roof Mounting System is a creative solution which makes double sides of ballasted roof mounting system. In order to make full use of the solar energy and maximize it in the mounting system, it is inevitable to set up the solar panels facing to different directions. The BoFace Ballasted Roof Mounting System not only fulfills all requirements but also with very easy installation steps. The ballast is needed to strengthen the whole system.

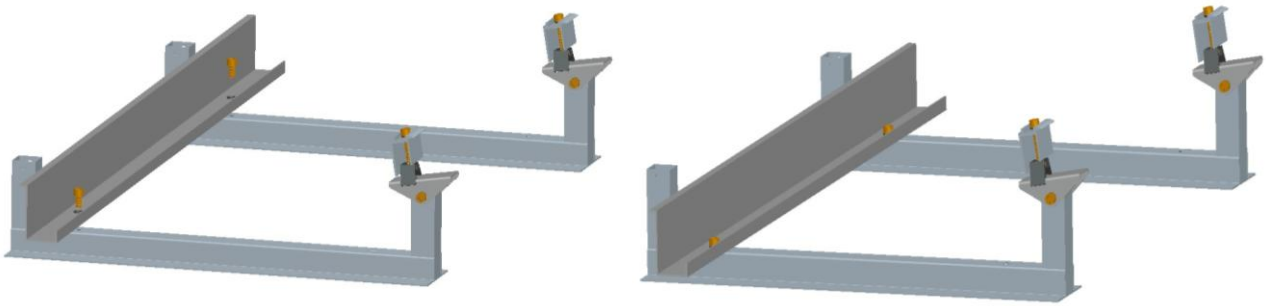
Benefits

* Maximizing the solar energy with two directions.
* A 10° angle system available.
* Direct solar panel clamping without any carrier rail saves costs.
* Unique design of the ballasted tray simplifies the installation.
* Simple and flexible design reduces labor costs.
* Capable to any size of the roof.
* Made of aluminum and galvanized steel ensures long lasting service time.

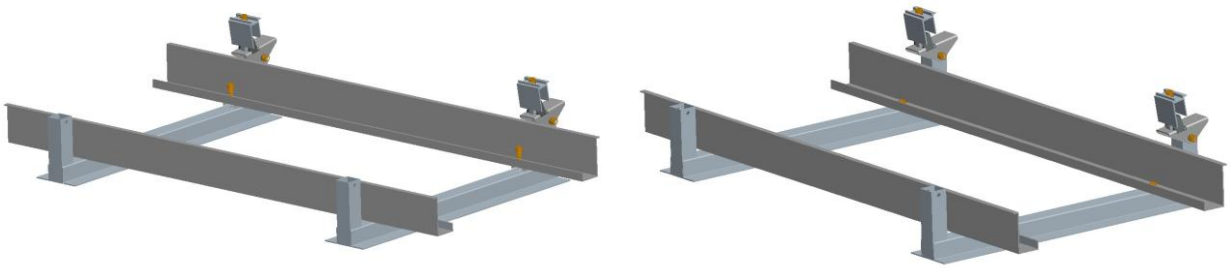
Installation



1. Put two main supports onto the roof.

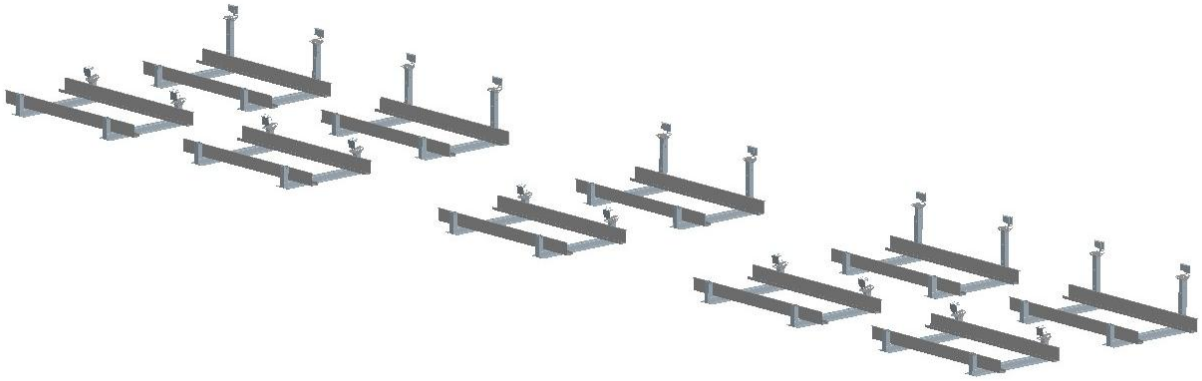


2. Put the first ballast support onto two main supports and fasten it onto them as showing as the picture.

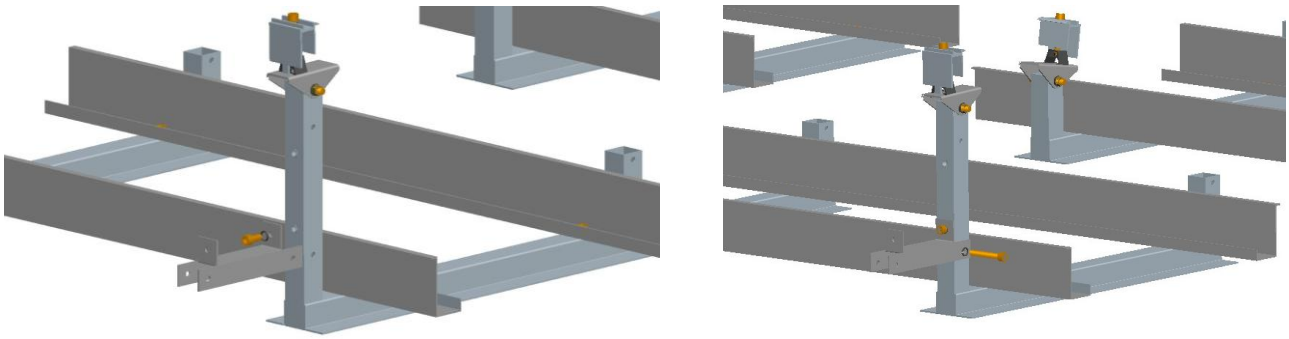


3. Put and fasten the second ballast support onto the main supports to form a ballast tray.

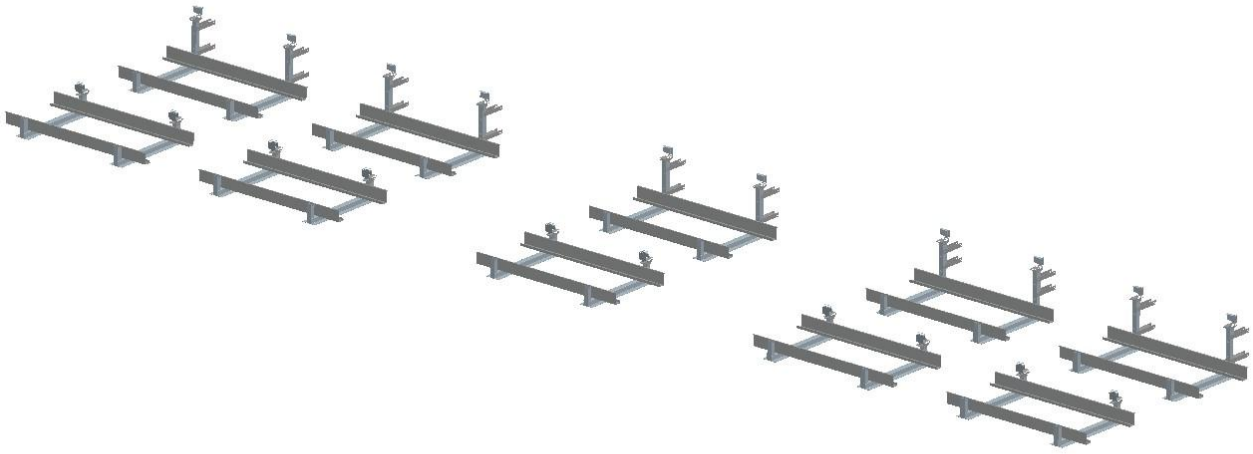
4. Put ballast trays in one row as showing as the picture.



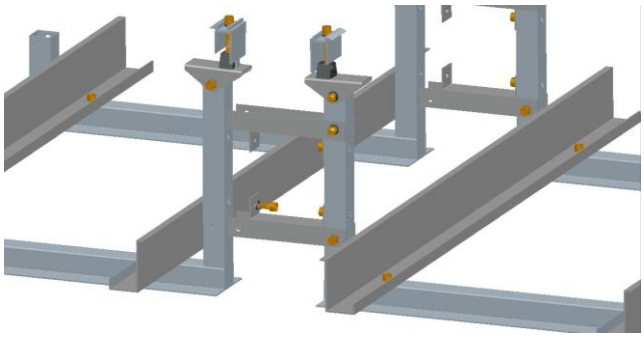
5. Array ballast trays in second row as showing as the picture.

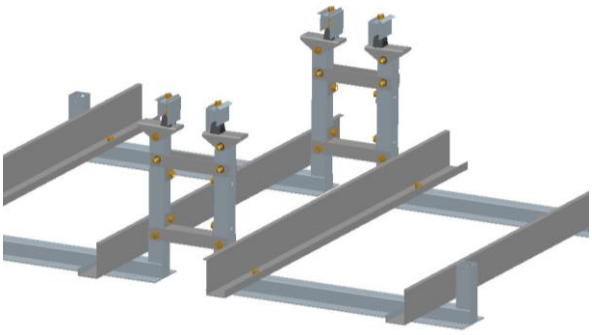


6. Install the WE Connector on the high side of main support as showing as the picture.

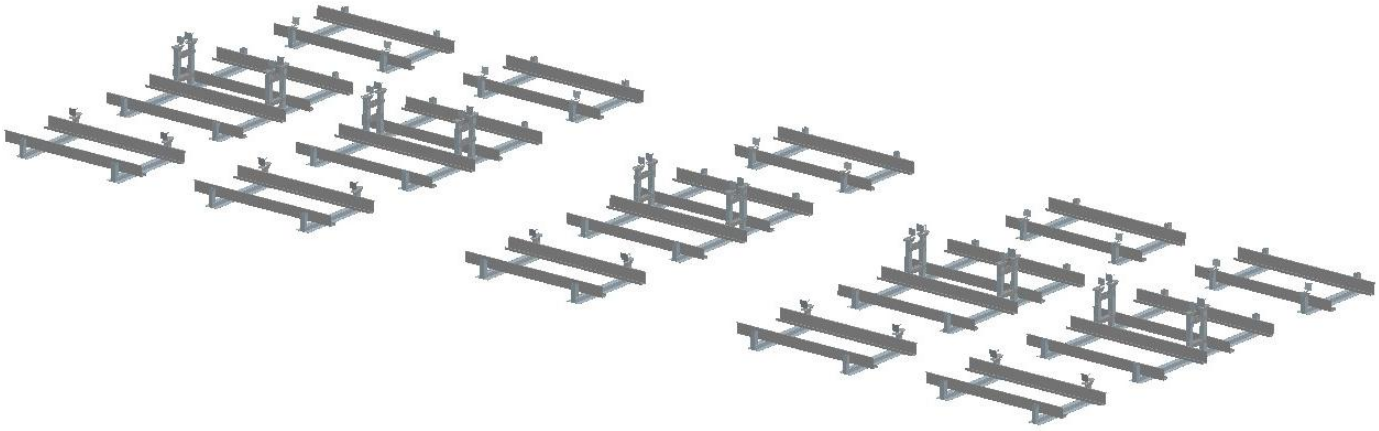


7. Repeat the above steps to install the WE connector onto the high side of main supports.

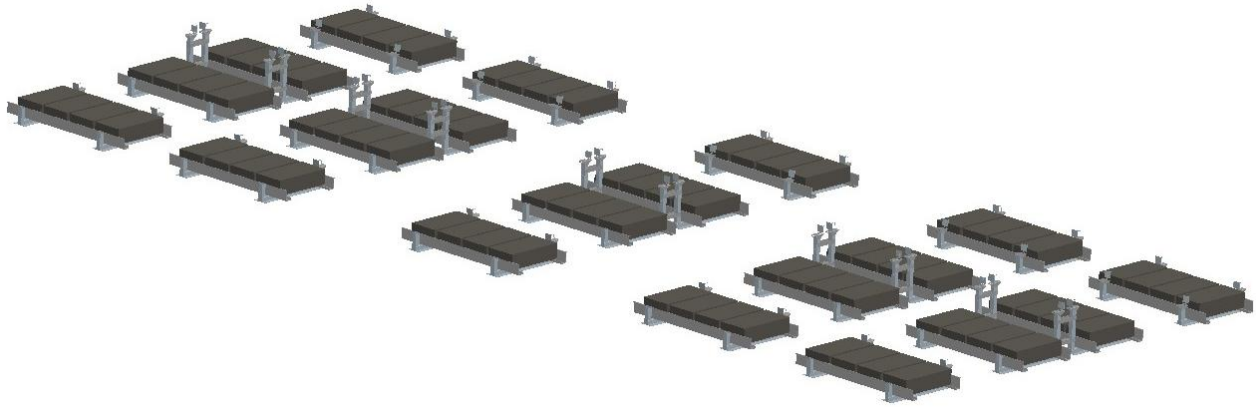




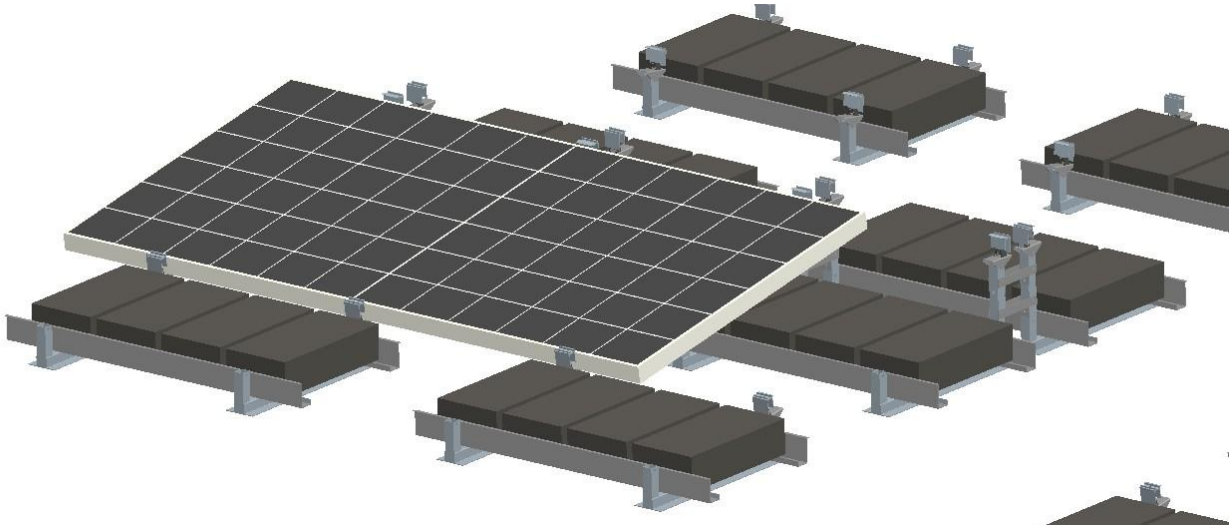
8. Fasten the other side of the WE connector onto another main support.



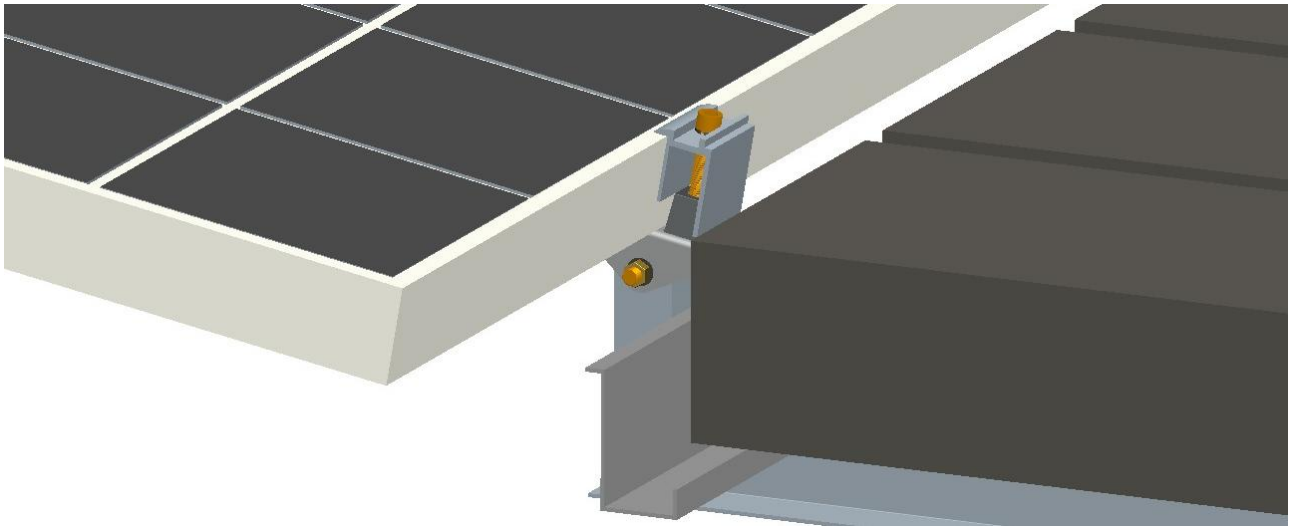
9. Repeat the above steps to complete the mounting system.



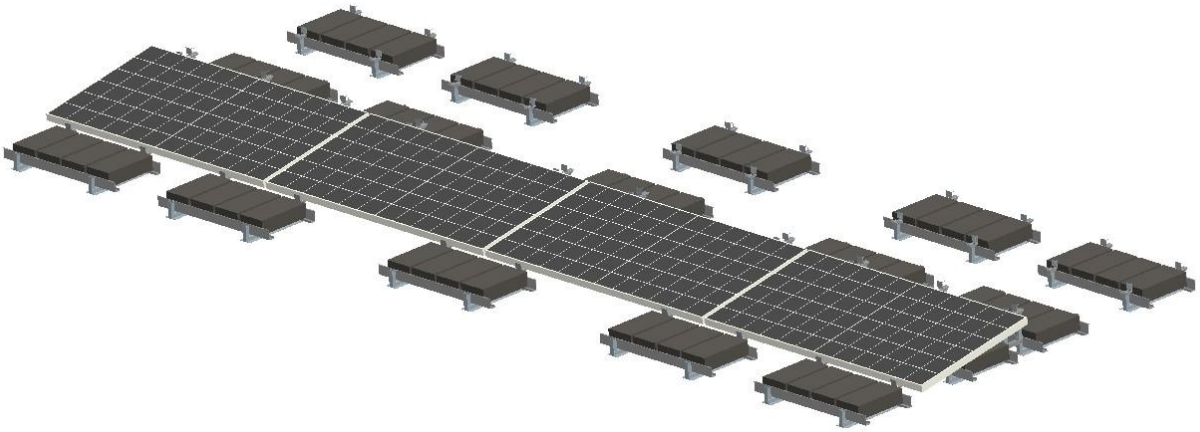
10. Place the ballasts onto the ballast trays.



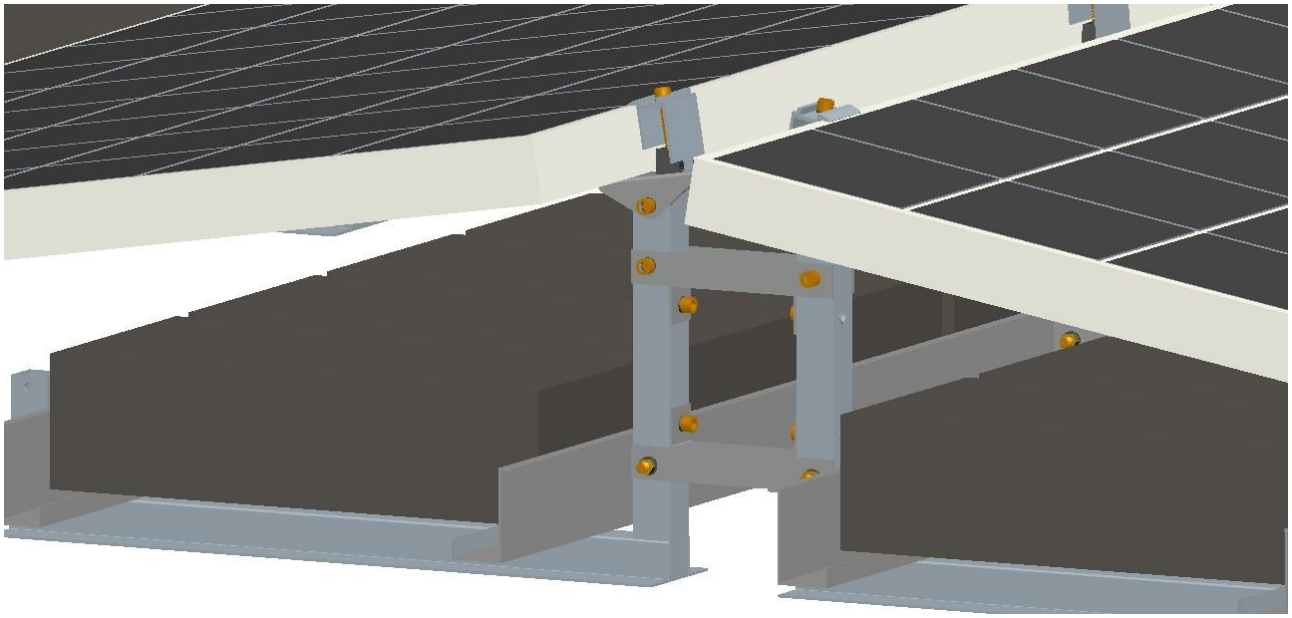
11. Put the solar panel onto the main support as picture shows.



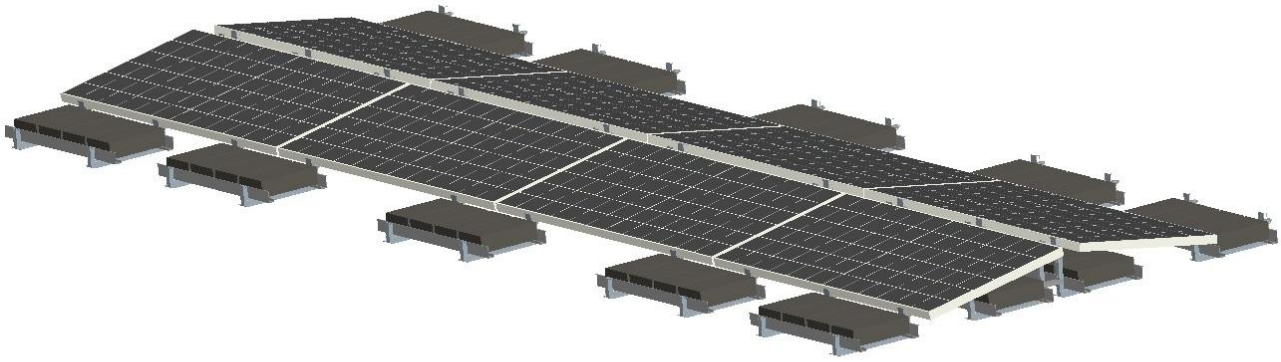
12. Fasten the solar panel with clamp.



13. Complete the first row.



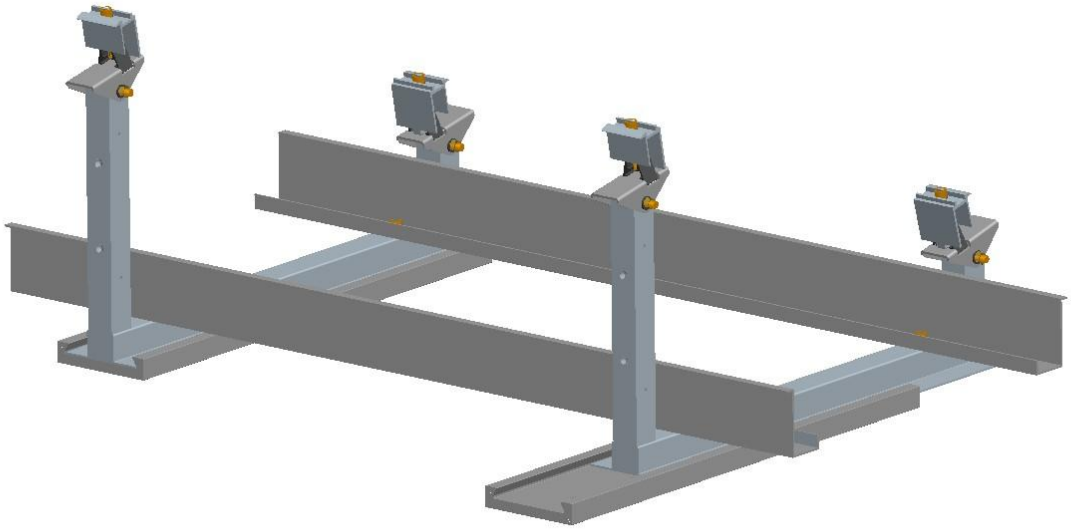
14. Install the solar mounting system of another side with the same steps.



15. Complete the whole mounting system.

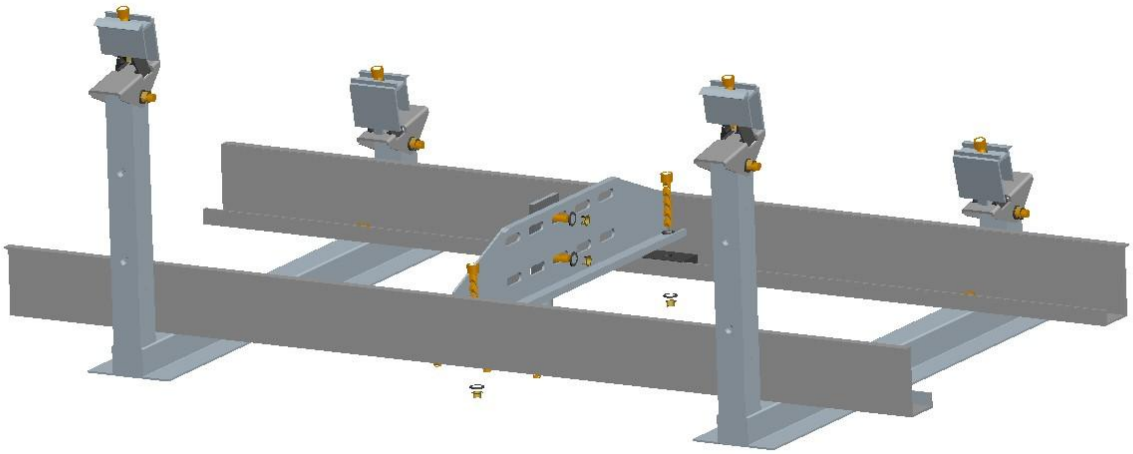
Roof Pad (Optional)

Roof pad can be used to protect your roof. Place two roof pads under the main support as the picture shows. Install them prior to placing ballast trays down.



Seismic Anchor (Optional)

Seismic Anchor can be used to fix the system and replace the ballast.



High Wind Site Examples (Solar Panel Size = 39.5" ×77.5" / Importance Factor = 1.0)

A. Wind Speed ≥120mph (192kph) Building Height ≥30ft (9.14m)
B. Wind Speed ≥100mph (160kph) Building Height ≥30ft (9.14m)
C. Wind Speed ≥110mph (176kph) Building Height ≥60ft (18.28m)
D. Wind Speed ≥90mph (192kph) Building Height ≥60ft (18.28m)