

A 15 MW behind-the-meter solar array that is producing renewable electricity for Seaboard's renewable diesel plant in Hugoton, KS.

## SYSTEM OVERVIEW

Size:

**15 MW DC / 11.18 MW AC**

Expected Annual Energy:

**> 30,000,000 kWhs**

Displacing 21,000 metric tons of CO<sub>2</sub> emissions per year, that's equivalent to:



**21K**

metric tons  
of CO<sub>2</sub>  
displaced



**3.3M**  
gallons of gas  
consumed per  
year



**3K**  
homes'  
energy use

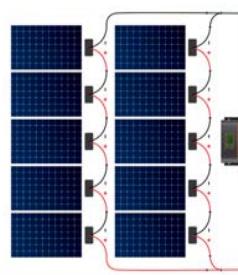


*"This was a special project because the renewable power generated is supporting Seaboard's renewable diesel plant, improving the carbon intensity score of the fuel produced with on-site generation. This project is a fantastic demonstration of Seaboard's commitment to a more sustainable future. Further, BioStar is extremely proud to have developed and built this project in our home state of Kansas."*

David Smart  
Chief Commercial Officer at BioStar



## WATTAGE OF EACH MODULE:



- **550W Bifacial Panels** that collect sunlight on both the front and rear side to increase production.
- **Series of 27 modules** wired together to form a string that runs to the inverter.
- **1500V DC** operational voltage
- **Function:** converts sunlight into electricity in direct current.

## HOW TRACKER SYSTEMS WORK

Tracker Systems work by tracking the sun's position throughout the day to maximize energy.

