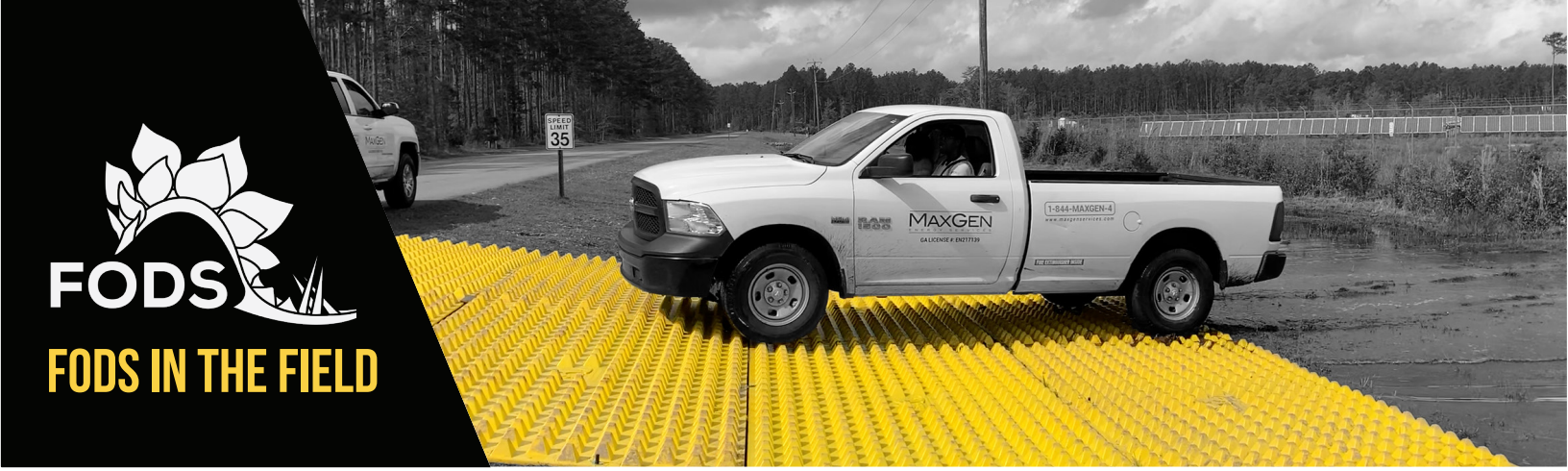
FODS

FODS IN THE FIELD



CASE STUDY

MAXGEN ENERGY SERVICES USES FODS TO MAKE SERVICING SOLAR FARMS CHEAPER, GREENER

BACKGROUND

Approved in 2012, the Georgia Power's Advance Solar Initiative is a solar program that was designed to establish an additional 210 MW of solar energy to the Georgia power grid. The program offered small scale purchase programs as well as competitive rates to utility-scale solar farms. This program has helped to spur renewable energy developments and diversify the state's energy sources.

One project completed in 2016 is a utility-scale 21.2 MW solar field owned and maintained by AES Distributed Energy. Located in Rincon on the eastern border of Georgia, over 67,000 individual solar panels follow the sun's path through the sky using single-axis trackers. These solar arrays work to provide over 16 million kWh to Georgia residents annually. MaxGen Energy Services, a nationwide service provider, provides preventative and corrective maintenance, as well as immediate responses during emergencies.

CHALLENGE

The solar farm site spans12 million square feet and requires access by service vehicles to provide these critical tasks. Georgia receives abundant rainfall throughout the year causing service workers to frequently encounter muddy conditions. To remain compliant with Storm Water Pollution Prevention Plans, a stabilized construction entrance is required to prevent erosion and sediment from tracking out onto roadways.

FODS

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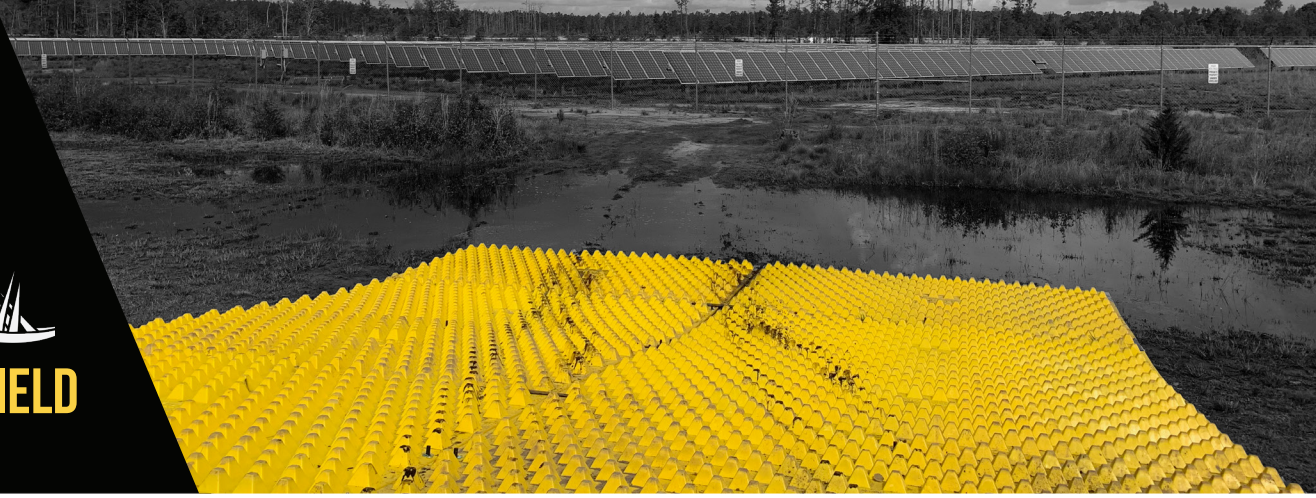

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SOLUTION

To better serve their clients, MaxGen uses FODS mats to provide trackout control for their repairs, such as replacing utility poles or malfunctioning panels. When the repairs are complete the mats can be transported to the next repair location for reuse. The ease of transport and installation increase efficiency of maintenance tasks and decrease total response time for emergency repairs.

The mats sit on top of the substrate, so topsoil does not need to be removed, replaced, or reseeded. Because natural features encounter minimal disturbance, less time and cost are required after the repairs are completed. Compared using traditional stabilized construction entrances, MaxGen saves time, costs, and causes less environmental impact. In the competitive energy marketplace, FODS reusable construction entrances are helping contractors and service providers lower the total cost to implement and maintain solar farms.

ABOUT FODS, LLC.

Based in Englewood Colorado, FODS Trackout Control System replace ineffective and costly traditional rock stabilized construction entrances, saving you valuable time and money. Our proprietary mat design works to effectively remove mud and sediment from your vehicle tires without damaging the tire or the ground's surface. We provide the only durable, reusable, and environmentally friendly trackout control system currently available on the market. FODS Trackout Control Mats are 100% Made in the USA and are reusable and recyclable.