

WEST MEMPHIS Solar Farm | Arkansas

Utilization of BaseLok® FabGrid®
in Lieu of Lime Stabilization |
Mechanical Stabilization

PROJECT TEAM

OWNER:

Nextera

ENGINEER:

NDA

CONTRACTOR:

N/A

SUPPLIER:

Industrial Fabrics, Inc. (IFI)

TECHNICAL DESCRIPTION:

Product: **BASELOK® FabGrid®**

Square Feet: 220,000 yd²

Installation Date: Spring/Summer
2023

Completion Date: Fall 2023



PROJECT DESCRIPTION

A 3,200 acre solar development located in West Memphis, AR. This site experienced a significant amount of rainfall during construction of PH1. **BaseLok® FabGrid® FG6** was chosen to replace lime stabilization. Results were noted from PH1 construction and this stabilization method was specified on PH2.

CHALLENGES

Weak soil sub-grades would not support heavy truck and construction traffic. Wet conditions and rutting created problems for construction crews, impacting construction schedules.

INNOVATIONS

BaseLok® FabGrid® FG6 was chosen to replace the lime stabilization. Aggregate base material was placed and compacted on top of **FabGrid® FG6 BaseLok®** with tremendous results. No delays were incurred during spring rains in 2023.