



CASE STUDY

SKIPJACK SOLAR CHARLES CITY COUNTY, VIRGINIA

DESCRIPTION NAME:	Skipjack Solar	
SOLAR DEVELOPER:	AES	
SUBCONTRACTOR:	Filtrexx Installation Service	
GRASS SEED:	soilDEFENDER Warm Season (200 pounds per acre)	
FERTILIZER & AMENDMENTS:	Earthworks 3-4-3 Organic Fertilizer HydraSmart-Acre in a Box Technology HydroCal Dry Lime	
EROSION CONTROL PRODUCTS:	North American Green SC250, American Excelsior Double Net Curlex, Wire Back Silt Fence, Filtrexx SiltSoxx	
PROJECT DETAILS:	<p>AES worked with WCS Consulting to form a Vegetation Management Plan from soil tests at the location during buildout of the 175MW renewable energy site. The Plan is a six page document that outlines seeding instructions, fertility guidelines and erosion control measures pursuant to the Virginia Erosion & Sediment Control Handbook. The panel array areas were drill seeded and the sediment ponds and buffer zones were hydroseeded. Turf Reinforcement Mats (TRM"s) were used in many of the inlet ditches flowing into basins, specifically NAG SC250. American Excelsior Double Net Curlex was used in several places for general E&S Control, as well as Filtrexx SiltSoxx. The perimeter Control was established using wire-backed silt fence. Sediment basins were hydroseeded according to the Vegetation management Plan using HydraSmarts's "Acre in a Box" fertilizer and tackifier combination.</p>	



HYDRASMART Acre in a Box Technology (Solar Site Sediment Basin)



18 Days after seeding



soilDEFENDER
1.5 years after planting



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HydraSmart

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NORTH AMERICAN GREEN

filtrexx
SUSTAINABLE TECHNOLOGIES

American Excelsior Company

Large Energy Jobsite?

Let us put together a
Vegetation Management Plan
so all Stakeholders can be on the same page with
regards to vegetation and erosion control challenges.



White Clover in
soilDEFENDER is a pollinator



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