

25x'25 Energy Future: Florida

The Economic and Land Use Impacts of a Renewable Energy Standard*



Change in Net Farm Income (\$ Million)			
	2015	2020	2025
Change in Net Farm Income from Baseline	\$0.00	\$0.00	\$47.06

*Changes in net farm income are less significant in the short term, but increase as demand for biomass increases.

Electricity Production (Million kWh)			
	2015	2020	2025
Biomass	1,579.9	1,537.9	5,139.2

Acres Planted (Acres)				
	2015	2020	2025	2025
	Planted	Planted	Planted	Land Use Change ***
Corn	68,712	47,259	38,077	1,228
Soybeans	12,773	11,311	6,756	(1,068)
Dedicated Energy Crops	5,507	39,877	60,710	1,404
Hay	285,303	564,944	1,155,474	(2,168)
Wood*	6,095	319,163	917,382	803
Cotton	61,449	35,046	34,561	(199)

*Includes Poplar and Willow
 **Includes Barley, Oats, Rice, and Sorghum
 *** Change in acres planted from the baseline in 2025

Estimated Agriculture and Renewable Energy Impacts to the State Economy			
	2015	2020	2025
Industry Output (\$ Million)			
Direct	\$423.30	\$509.77	\$617.04
Total	\$833.63	\$964.89	\$1,176.34
Employment (Number)			
Direct	156	189	256
Total	3259	3626	4486

*The data presented represent the economic and land use impacts of an RES in comparison to the EISA baseline, as presented in the national report accessible at www.25x25.org and beag.ag.utk.edu/.