

TEXAS - RENEWABLE ENERGY POTENTIAL

Based on economic analysis performed by the University of Tennessee,
25% Renewable Energy for the United States by 2025: State Agricultural and Economic Impact Tables

**Totals may not add exactly due to rounding*

Change in New Farm Income by State and Census Region

	2010	2015	2020	2025
	\$ 10,690,000	\$ 150,040,000	\$ 1,142,000,000	\$ 1,917,680,000

Biodiesel Production - (Gallons)

	2010	2015	2020	2025
Soybeans	900,000	7,300,000	1,400,000	2,100,000
Yellow Grease	74,300,000	3,500,000	0	159,500,000
Total	75,100,000	10,800,000	1,500,000	161,600,000

Cellulosic and Agricultural Feedstocks - (Dry Tons)

	2010	2015	2020	2025
Energy Crops	0	7,400,000	37,100,000	44,200,000
Stover	0	1,500,000	3,100,000	4,700,000
Straw	0	0	900,000	1,200,000
Wood (all sources)	0	5,400,000	4,800,000	4,800,000
Total Cellulosic	0	14,400,000	45,900,000	54,900,000
Corn	300,000	400,000	500,000	1,400,000
Soybeans	0	0	0	0

Electricity Production by State and Census Region - (Kilowatt Hours)

	2010	2015	2020	2025
Corn Stover	0	730,000,000	470,000,000	1,350,000,000
Wheat Straw	0	0	50,000,000	270,000,000
Livestock	16,760,000,000	17,060,000,000	18,440,000,000	18,440,000,000
Wood	0	3,510,000,000	4,570,000,000	2,450,000,000
Energy Crops	0	2,760,000,000	21,950,000,000	33,870,000,000
Byproduct Ethanol	0	6,200,000,000	11,280,000,000	11,080,000,000
Total Biomass	16,760,000,000	30,260,000,000	56,760,000,000	67,460,000,000
Wind	14,600,000,000	32,910,000,000	51,220,000,000	69,540,000,000
Solar	2,210,000,000	4,370,000,000	6,530,000,000	8,690,000,000
Total	33,570,000,000	67,540,000,000	114,510,000,000	145,690,000,000

Ethanol Production - (Gallons)

	2010	2015	2020	2025
Corn	206,400,000	303,100,000	332,200,000	439,700,000
Corn Stover	0	179,600,000	206,400,000	385,100,000
Wheat Straw	0	529,500,000	2,270,900,000	101,400,000
Wood	0	96,700,000	230,000,000	363,300,000
Energy Crop	0	0	47,200,000	2,335,500,000
Total	206,400,000	1,108,800,000	3,086,800,000	3,625,000,000

Land Use Change - (Change in Acres Planted)

	2010	2015	2020	2025
Corn	33,410.8	254,785.9	18,970.8	(-170,557.4)
Soybeans	-	168,531.2	66,138.8	45,188.8
Energy Crops	-	1,947,412.4	6,400,674.2	8,859,049.6
Hay	(-23,354.5)	(-1,098,722.2)	(-1,322,853.7)	2,463,711.9

Estimated Agricultural Economic Impacts

	2010	2015	2020	2025
Total Industry Output - (Dollars)				
Direct	\$ 61,700,000	\$ 528,000,000	\$ 3,435,400,000	\$ 5,389,600,000
Total	\$ 105,800,000	\$ 904,900,000	\$ 5,217,100,000	\$ 8,840,300,000
Employment - (Numbers)				
Direct	481	10,531	46,162	72,843
Total	906	14,141	60,915	103,731

Estimated Renewable Energy Economic Impacts

	2010	2015	2020	2025
Total Industry Output - (Dollars)				
Direct	\$ 473,600,000	\$ 2,066,000,000	\$ 5,316,400,000	\$ 6,352,900,000
Total	\$ 1,096,300,000	\$ 4,671,500,000	\$ 11,602,000,000	\$ 13,973,700,000
Employment - (Numbers)				
Direct	198	1,218	3,445	4,064
Total	5,143	23,236	57,694	69,723

Estimated Agricultural and Renewable Energy Economic Impacts

	2010	2015	2020	2025
Total Industry Output - (Dollars)				
Direct	\$535,400,000	\$2,594,000,000	\$8,751,800,000	\$11,742,500,000
Total	\$1,202,100,000	\$5,576,400,000	\$16,819,100,000	\$22,814,100,000
Employment - (Numbers)				
Direct	679	11,750	49,607	76,907
Total	6,049	37,377	118,609	173,453