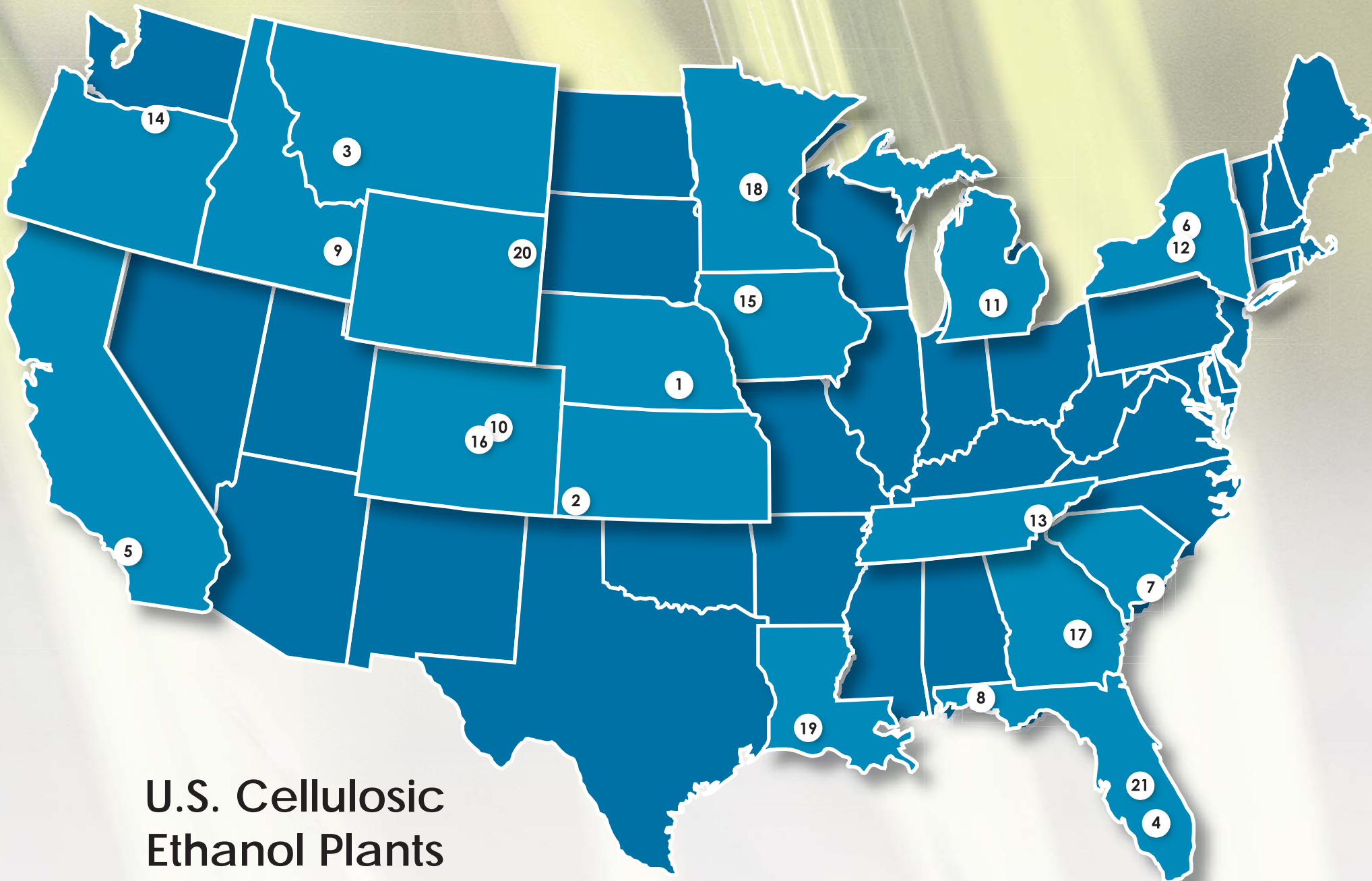


Building Cellulose

- 1 **Abengoa Bioenergy** | York, NE
Capacity: 10 mmgy | Feedstock: Wheat straw | Plant type: Pilot
- 2 **Abengoa Bioenergy** | Hugoton, KS
Capacity: 30 mmgy | Feedstock: Wheat straw | Plant type: Commercial
- 3 **AE Biofuels** | Butte, MT
Capacity: N/A | Feedstock: Multiple sources | Plant type: Demonstration
- 4 **Alico, Inc.** | La Belle, FL
Capacity: N/A | Feedstock: Multiple sources | Plant type: Commercial
- 5 **BlueFire Ethanol, Inc.** | Irvine, CA
Capacity: 17 mmgy | Feedstock: Multiple sources | Plant type: Commercial
- 6 **Catalyst Renewables Corp.** | Lyonsdale, NY
Capacity: N/A | Feedstock: Woodchips
- 7 **Clemson University Restoration Institute** | North Charleston, SC
Capacity: 10 mmgy | Feedstock: Multiple sources | Plant type: Pilot
- 8 **Gulf Coast Energy** | Mossy Head, FL
Capacity: 70 MMGY | Feedstock: Wood waste | Plant type: Commercial
- 9 **logen Biorefinery Partners, Inc.** | Shelley, ID
Capacity: 18 mmgy | Feedstock: Multiple sources
- 10 **Lignol Innovations, Inc.** | Commerce City, CO
Capacity: 2 mmgy | Feedstock: Wood | Plant type: Pilot
- 11 **Mascoma Corp.** | Lansing, MI (TBD)
Capacity: 40 mmgy | Feedstock: Wood | Plant type: Commercial
- 12 **Mascoma Corp.** | Rome, NY
Capacity: 500,000 gy | Feedstock: Multiple sources | Plant type: Demonstration
- 13 **Mascoma Corp.** | Vonore, TN
Capacity: 5 mmgy | Feedstock: Switchgrass | Plant type: Large-scale demonstration
- 14 **Pacific Ethanol** | Boardman, OR
Capacity: 2.7 mmgy | Feedstock: Mixed biomass | Plant type: Demonstration
- 15 **POET Biorefinery** | Emmetsburg, IA
Capacity: 25 mmgy | Feedstock: Corn cobs | Plant type: Commercial
- 16 **Pure Vision Technology** | Ft. Lupton, CO
Capacity: 2 mmgy | Feedstock: Corn stalks and grasses | Plant type: Pilot
- 17 **Range Fuels** | Treutlen County, GA
Capacity: 20 mmgy | Feedstock: Wood waste | Plant type: Commercial
- 18 **SunOpta Bioprocess LLC/Central Minnesota Ethanol Co-op** | Little Falls, MN
Capacity: 10 mmgy | Feedstock: Wood chips | Plant type: Commercial
- 19 **Verenium Energy** | Jennings, LA
Capacity: 1.4 mmgy | Feedstock: Wood waste | Plant type: Demonstration
- 20 **Western Biomass Energy (KL Process)** | Upton, WY
Capacity: 1.5 mmgy | Feedstock: Wood waste | Plant type: Pilot
- 21 **Xethanol Corp./Southeast Biofuels** | Auburndale, FL
Capacity: 8 MMGY | Feedstock: Citrus peels | Plant type: Commercial



**U.S. Cellulosic
Ethanol Plants
New or Under Construction**