

ADVANCED ENERGY

The Kansas City Region Energized for the New Economy

Engineering for the World

The Engineering & Design services sector is a \$2.3 billion dollar industry in the Kansas City region—**73% above the U.S. average.**

- ◆ Kansas City's engineering roots span over 120 years. Kansas and Missouri consistently rank in the **top 25% of states with engineer and scientist graduates as percentage of overall workers.**
- ◆ Kansas City is headquarters to internationally recognized engineering leaders including: **Burns & McDonnell, Black & Veatch, CRB Consulting Engineers, Davidson-Brown, GBA, HNTB Companies, Olsson Associates, Shafer, Kline & Warren, Terracon Consultants, TranSystems Corporation, and MRIGlobal** as manager of the National Renewable Energy Lab.

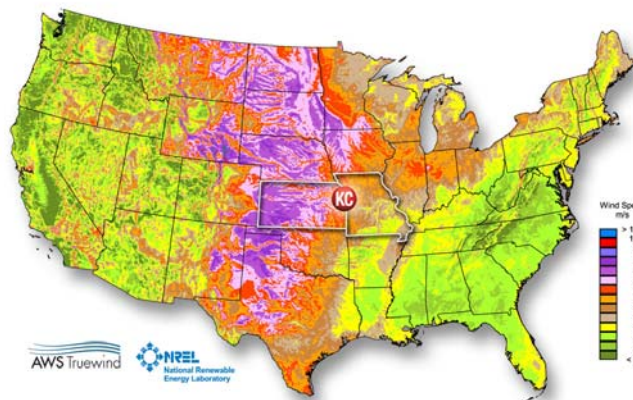
Advanced Transportation—Batteries

The Kansas City region is rapidly establishing itself as an area of concentration for the development and manufacturing of advanced transportation battery technology.

- ◆ **Nordic Windpower USA** has selected KC to move its headquarters, R&D and wind turbine assembly operations to facilities near KCI Airport.
- ◆ **Exergonix** selected Lee's Summit, Mo for its headquarters and high-level technology product assembly operation.
- ◆ **Kokam** is headquartered in Lee's Summit and is a global leader in the manufacturing of lithium ion (Li-ion) batteries.
- ◆ **Smith Electric Vehicles**, a recent recruitment success to Kansas City, will assemble zero emission electric powered delivery trucks for the U.S. market in Kansas City.
- ◆ **Ford and General Motors** produce Hybrid Electric Vehicles (HEV) in Kansas City—the Ford Escape, Chevy Malibu and Saturn Aura. They also have plans to modernize their plants costing \$1.5 Billion.

Wind

The Kansas City region is located at the most central point of North America's Great Plains Wind Corridor which stretches from the Canadian border south into Texas.



Conservative estimates claim that up to **20% of the nation's future electric supply will be wind generated.** Regional utilities, **KCP&L** and **Westar Energy** have made significant investments in large scale wind facilities in the region and remain committed to increasing electric generating capacity through sustainable resources.

80% or 6,222 of the Kansas City employees from the Fastest-Growing Area Businesses List are from engineering firms.

Kansas City Business Journal, September 2009

50% of the current U.S. bioenergy (biodiesel and ethanol) capacity exists within a 300-mile radius of Kansas City.

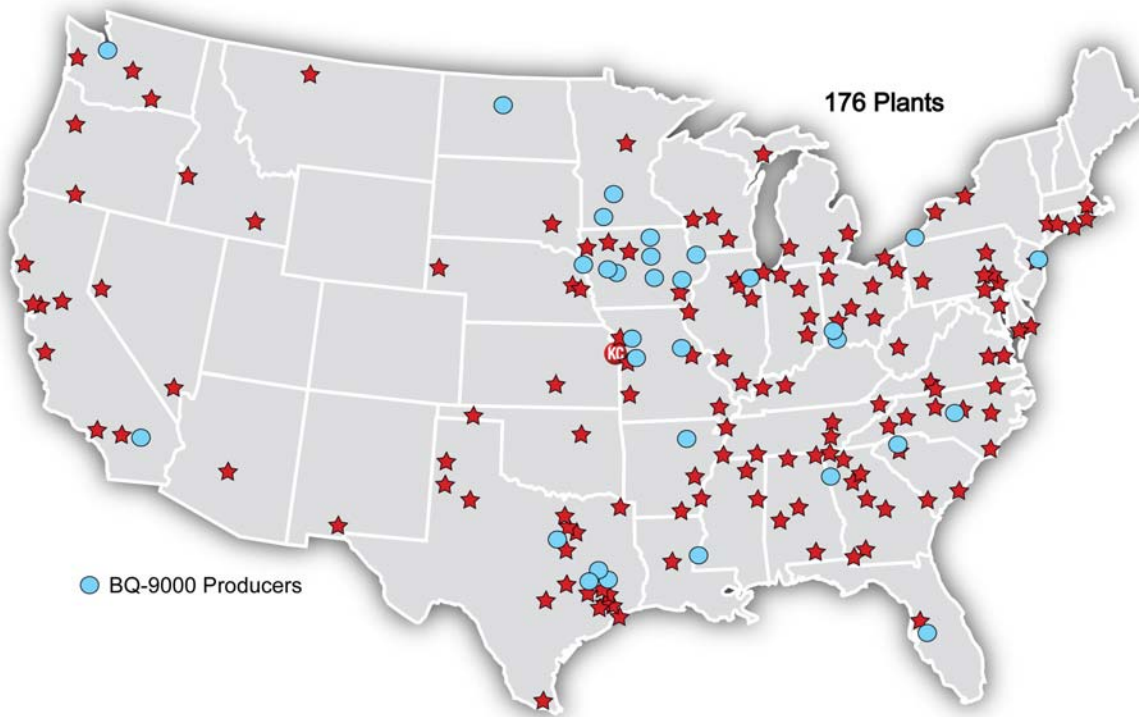
Ethanol Producer Magazine 2009

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Commercial Biodiesel Production Plants



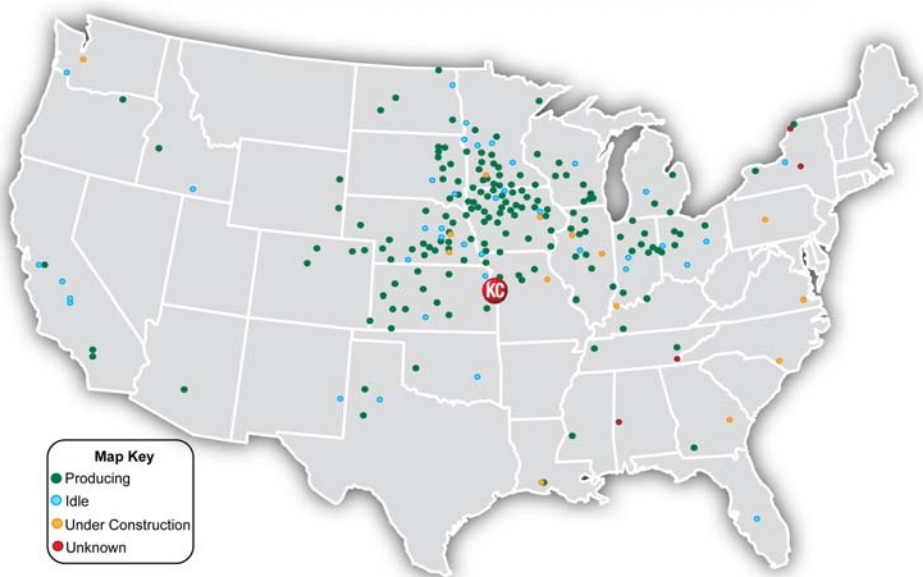
Source: National Biodiesel Board, September 2008.

Biomass—Bioenergy

The Kansas City region is leading the nation in the production of biofuels.

50% of the current U.S. bioenergy (biodiesel and ethanol) capacity exists within a 300-mile radius of Kansas City. The states of Kansas and Missouri rank among the top states in the U.S. with the highest potential for biomass feedstocks. Kansas City is the largest rail center in the United States by tonnage, Handling the transportation and logistics of the nation's biomass for bioprocessing.

Proximity to Biofuels Development & Markets



Source: Ethanol Producer Magazine, 2009.