



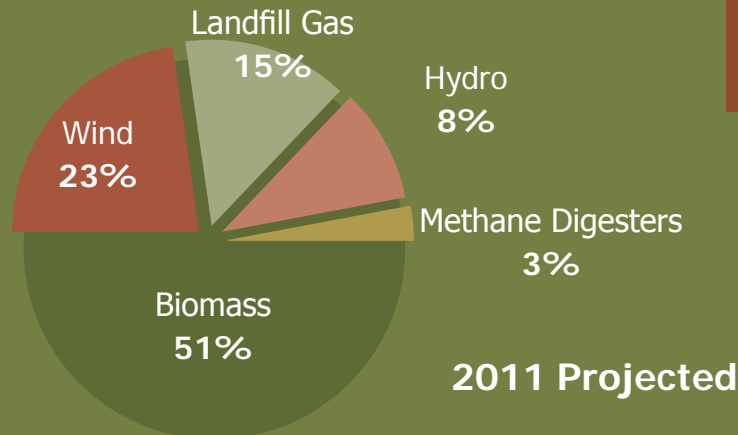
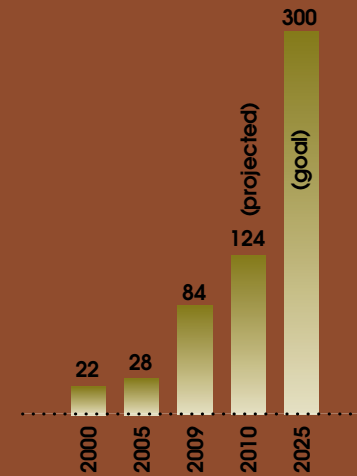
DAIRYLAND POWER
COOPERATIVE

A Touchstone Energy® Cooperative 

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Growing Renewable Energy Capacity



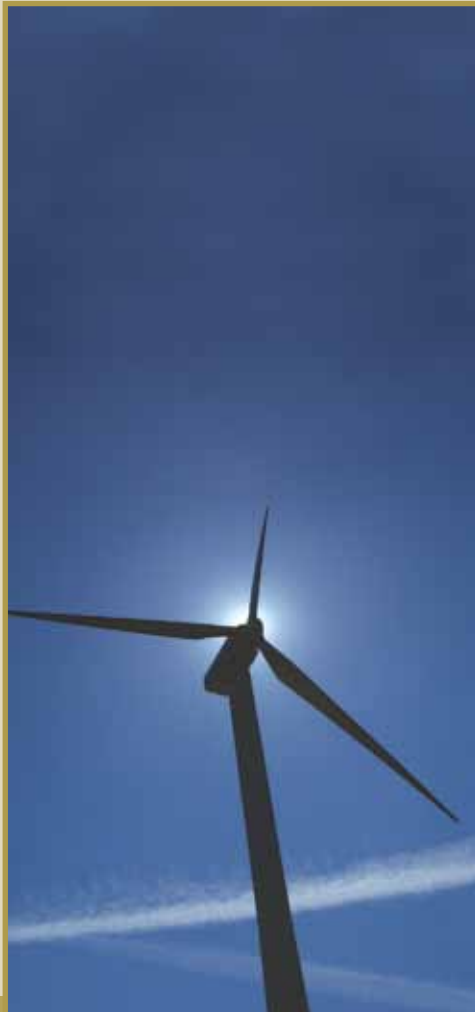
Renewable Energy Resources

By generating renewable forms of energy for our member cooperatives, Dairyland can meet electrical demand and maintain our commitment to protecting the environment. Leaf through this booklet to learn about Dairyland's diverse and growing "green" portfolio.



A Touchstone Energy® Cooperative 

Wind



Probably the most well-known type of renewable energy is wind. Dairyland's wind energy portfolio includes a partnership with G. McNeilus Wind Energy for the purchase of 18 MW of renewable energy from a wind farm in Adams, Minn. The renewable energy at that "farm" is enough to power 4,800 homes in Dairyland's system. Dairyland also invests in the Prairie Star Wind and Chandler Wind Farms in Minnesota.

In fall 2008, Dairyland almost doubled our investment in wind with a 20 MW power purchase agreement from the Winnebago Wind Power Project in Iowa. Wind turning the turbines at this wind farm can power 5,000 homes in the cooperative system.





Hydro

Water is an excellent and abundant natural resource for generating renewable energy.

Dairyland has owned the 24 MW Flambeau Hydroelectric Station since 1951, and is licensed to continue operating the renewable energy facility until 2037. The water-powered plant is located on the Flambeau River near Ladysmith, Wis.

Water from the Dairyland Reservoir, formed by the construction of a dam, supplies the energy to the power plant's generators. Water flows through the turbines, which rotate the generators to produce electricity.

In addition to operating the hydro plant, Dairyland has made environmental enhancements to the lake area, including improving recreational resources, upgrading the boat landing and providing a handicap-accessible fishing area. Recently, Dairyland cooperated with Rusk County and local conservation groups on a project to improve the reservoir's fish habitat.





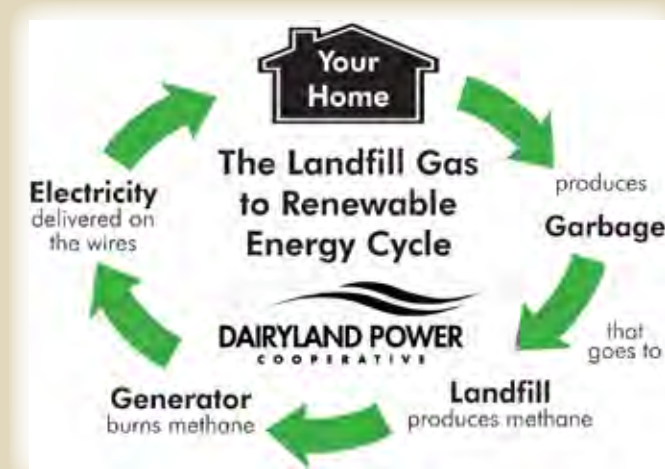
Landfill

Dairyland provides renewable energy from three landfill gas-to-energy (LGE) facilities. This innovative technology turns something negative—landfill gas—into something positive: renewable energy.

Dairyland owns one of the LGE plants, the Veolia ES Seven Mile Creek plant in Eau Claire, Wis., and purchases the output of the other two, located near Bruce, Wis., and Lake Mills, Iowa, from Waste Management, Inc.

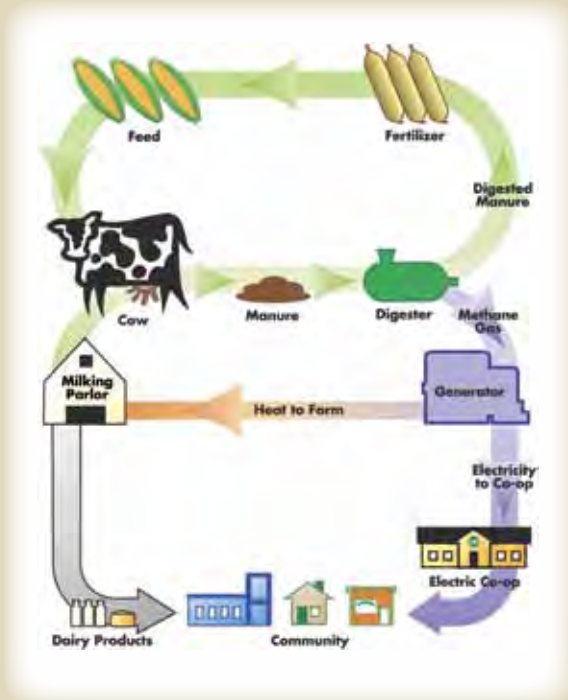
Nearly 12,000 homes in Dairyland's cooperative system can be powered by landfill gas. The plants are also very efficient power producers, and don't come with concerns about fuel supply. It's unlikely landfills will ever run out of garbage!

In 2004, Dairyland received the U.S. Environmental Protection Agency's Landfill Methane Outreach Program's Energy Partner of the Year award for the Seven Mile Creek plant.





Animal Waste-to-Energy



Dairyland continues to be a national leader in animal waste-to-energy, helping meet clean energy needs while resolving dairy farm waste issues.

Dairyland purchases the gas or energy produced from several anaerobic digester “cow power” facilities in Wisconsin. Most of these facilities can generate 775-840 kilowatts of energy, enough to power at least 600 homes. In addition, Dairyland purchases electricity from other farm digesters, powering hundreds more homes with renewable energy.

How does cow power work? Dairy cow manure is the energy source to generate renewable energy. The manure is collected and heated, creating the natural byproduct of methane gas. That biogas is the fuel used to power the generators.





Evergreen



**Your energy choice
for their future.**

EvergreenSM is Dairyland's renewable energy voluntary "green power" program. Evergreen is ideal for those who want to do more to preserve the environment and support renewable energy generation. Our diverse portfolio of renewable energy means that Evergreen includes not just wind power, but also biomass sources such as landfill gas and cow manure animal waste energy.

Dairyland's commitment to renewable resources grows each year, with new projects coming online regularly. For example, in fall 2010 members began receiving renewable energy from a new biomass power plant in Dairyland's service territory, and new opportunities in wind and solar generation are on the horizon.





Consumer-owned renewable energy

Dairyland's member cooperatives have experienced a considerable increase in consumer-owned distributed renewable generation installations recently, thanks to government incentives and innovative rate tariffs for small renewable installations. Dairyland works with our member cooperatives on policies that help enable the development of consumer-owned renewable energy projects including wind turbines and photovoltaic arrays (solar).

Over 150 consumer-owned distribution generation installations are located throughout Dairyland's service territory, and the numbers are certain to grow.



Above photo: Consumer-owned wind turbine in Scenic Rivers Energy Cooperative's service territory.

Large photo to right: Consumer-owned photovoltaic array in Richland Electric Cooperative's service territory.

Small photo to right: Consumer-owned wind turbine and photovoltaic installation in Vernon Electric Cooperative's service territory.





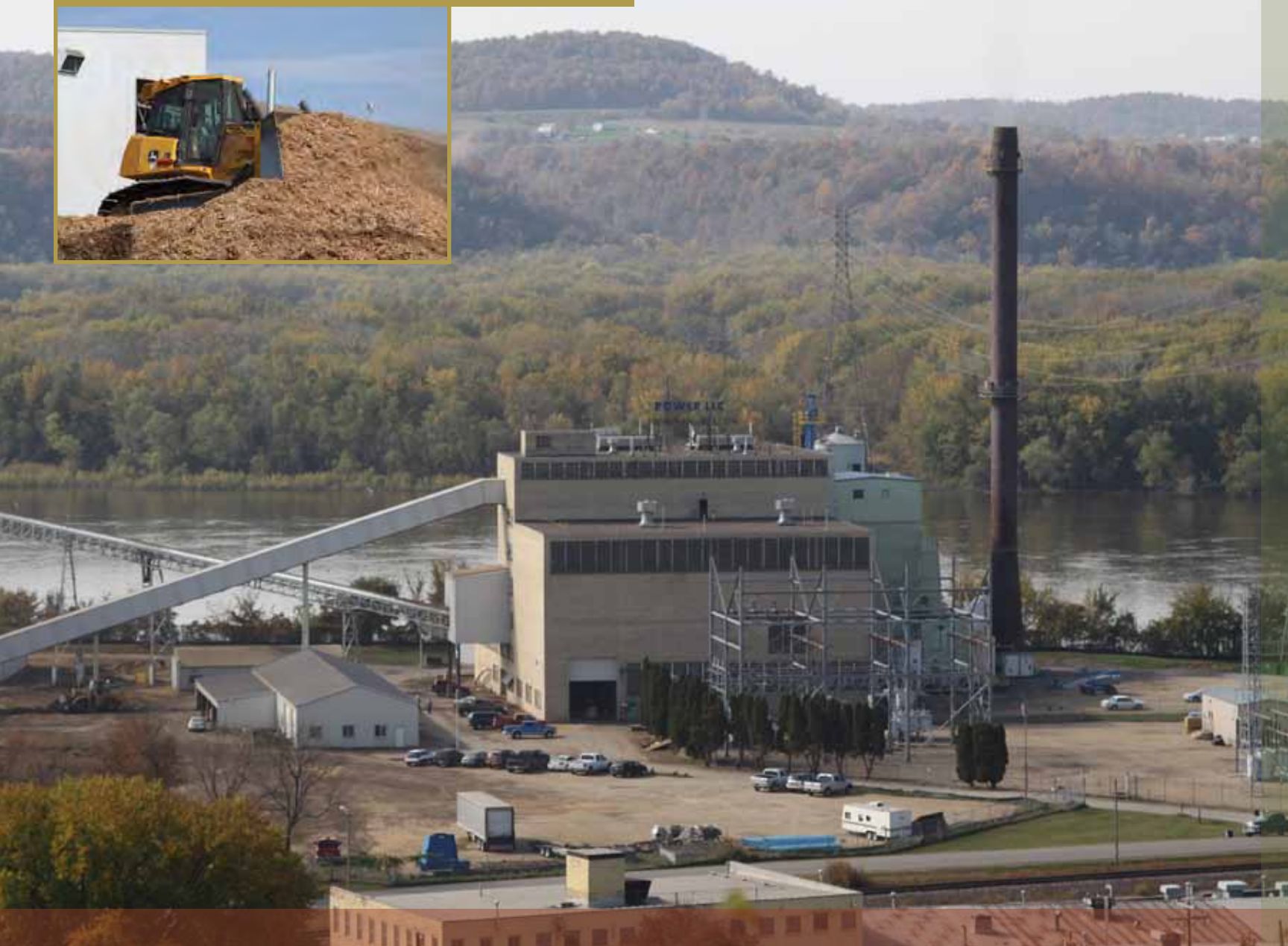
Biomass

The newest renewable resource serving Dairyland's members is also the biggest: 28,000 homes can be powered by the energy generated at a new biomass facility in Cassville, Wis.

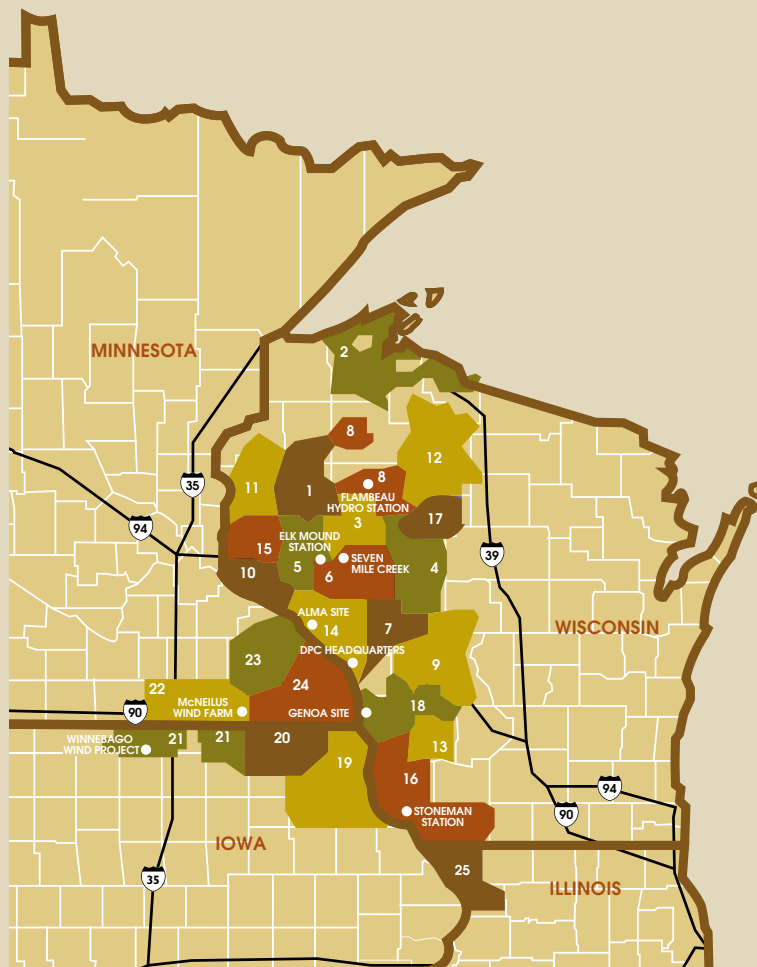
The E.J. Stoneman Station power plant came online in fall 2010 and is owned by DTE Energy Services. Electricity is produced through the burning of wood waste, such as "green wood" (fresh wood cut from forestry operations), sawdust and construction remnants. Dairyland is purchasing the entire 40 MW output of the biomass plant.

This particular facility has an unusual history. Formerly a coal-fired power plant owned and brought into service by Dairyland in 1951, Dairyland sold it in the 1990s. Current owner DTE Energy Services recently converted it to a biomass power plant. Now, all these years later, the Stoneman Station (named in honor of Dairyland's first Board president) is again helping power homes and businesses in the Dairyland system... this time with renewable energy.





Dairyland Power Member Cooperatives



Wisconsin

1. Barron Electric Cooperative/Barron
2. Bayfield Electric Cooperative/Bayfield
3. Chippewa Valley Electric Cooperative/Cornell
4. Clark Electric Cooperative/Greenwood
5. Dunn Energy Cooperative/Menomonie
6. Eau Claire Energy Cooperative/Fall Creek
7. Jackson Electric Cooperative/Black River Falls
8. Jump River Electric Cooperative/Ladysmith
9. Oakdale Electric Cooperative/Oakdale
10. Pierce Pepin Cooperative Services/Ellsworth
11. Polk-Burnett/Centuria
12. Price Electric Cooperative/Phillips
13. Richland Electric Cooperative/Richland Center
14. Riverland Energy Cooperative/Arcadia
15. St. Croix Electric Cooperative/Hammond
16. Scenic Rivers Energy Cooperative/Lancaster
17. Taylor Electric Cooperative/Medford
18. Vernon Electric Cooperative/Westby

Iowa

19. Allamakee-Clayton Electric Cooperative/Postville
20. Hawkeye REC/Cresco
21. Heartland Power Cooperative/Thompson & St. Ansgar

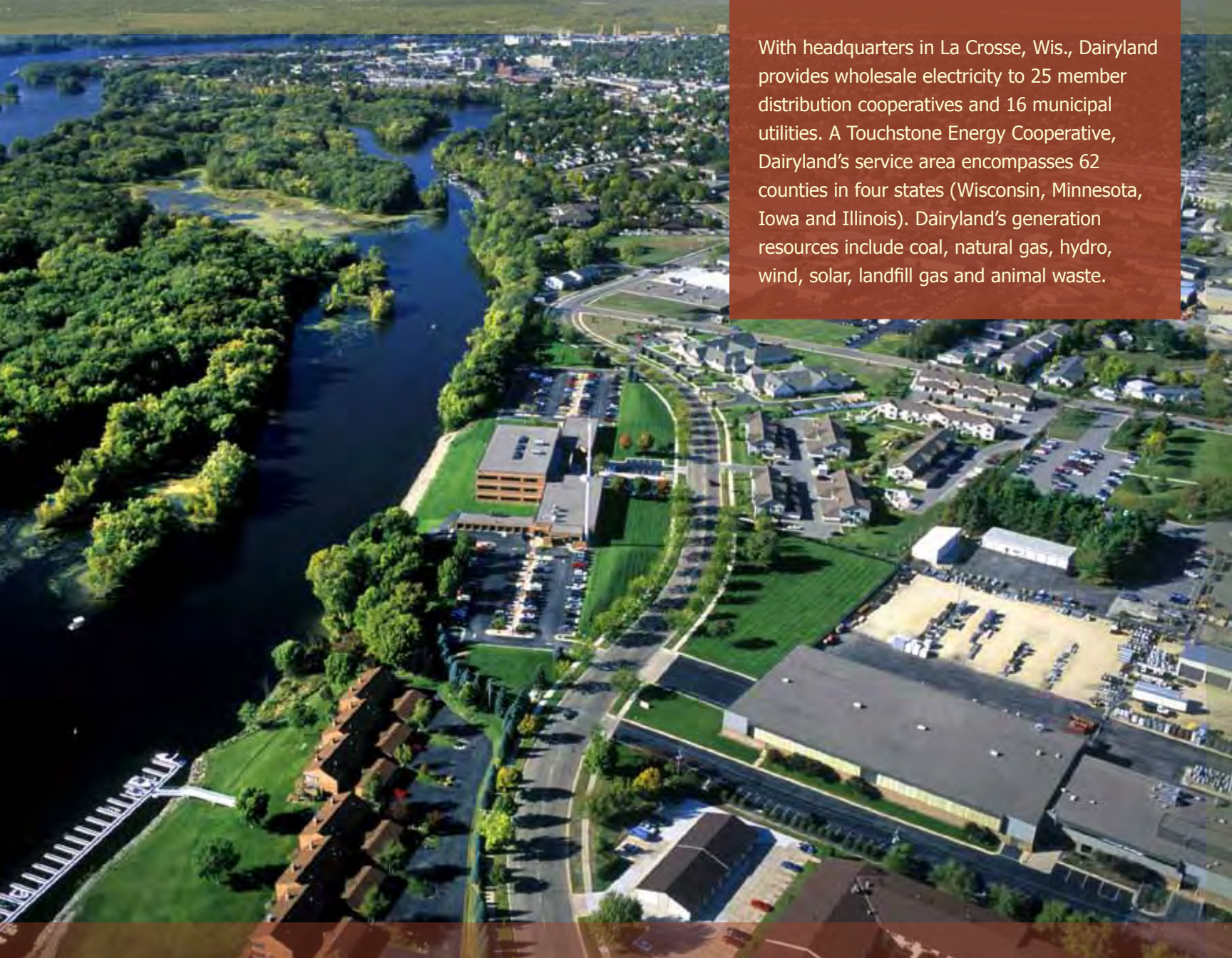
Minnesota

22. Freeborn-Mower Cooperative Services/Albert Lea
23. People's Cooperative Services/Rochester
24. Tri-County Electric Cooperative/Rushford

Illinois

25. Jo-Carroll Energy/Elizabeth


Please visit Dairyland's website www.dairynet.com for details on all of our energy resources.



With headquarters in La Crosse, Wis., Dairyland provides wholesale electricity to 25 member distribution cooperatives and 16 municipal utilities. A Touchstone Energy Cooperative, Dairyland's service area encompasses 62 counties in four states (Wisconsin, Minnesota, Iowa and Illinois). Dairyland's generation resources include coal, natural gas, hydro, wind, solar, landfill gas and animal waste.



DAIRYLAND POWER
C O O P E R A T I V E

A Touchstone Energy® Cooperative 



As an effort to preserve the environment, this publication has been printed on recycled paper.