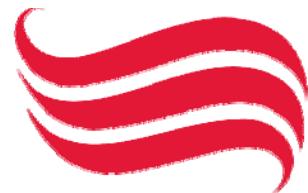


# Proven Clean Power Generation: District Energy



**DISTRICT ENERGY**  
ST. PAUL™

*Powering Cities of the Future*  
Washington Energy Summit 2011  
September 27, 2011

District energy is a sustainable  
energy solution that *empowers*  
cities for the future.





- **Serving Saint Paul** customers since 1983
- **Minnesota's** leading renewable utility
- **North America's** largest hot water district energy system
- **International** model for system integration



# Our Mission

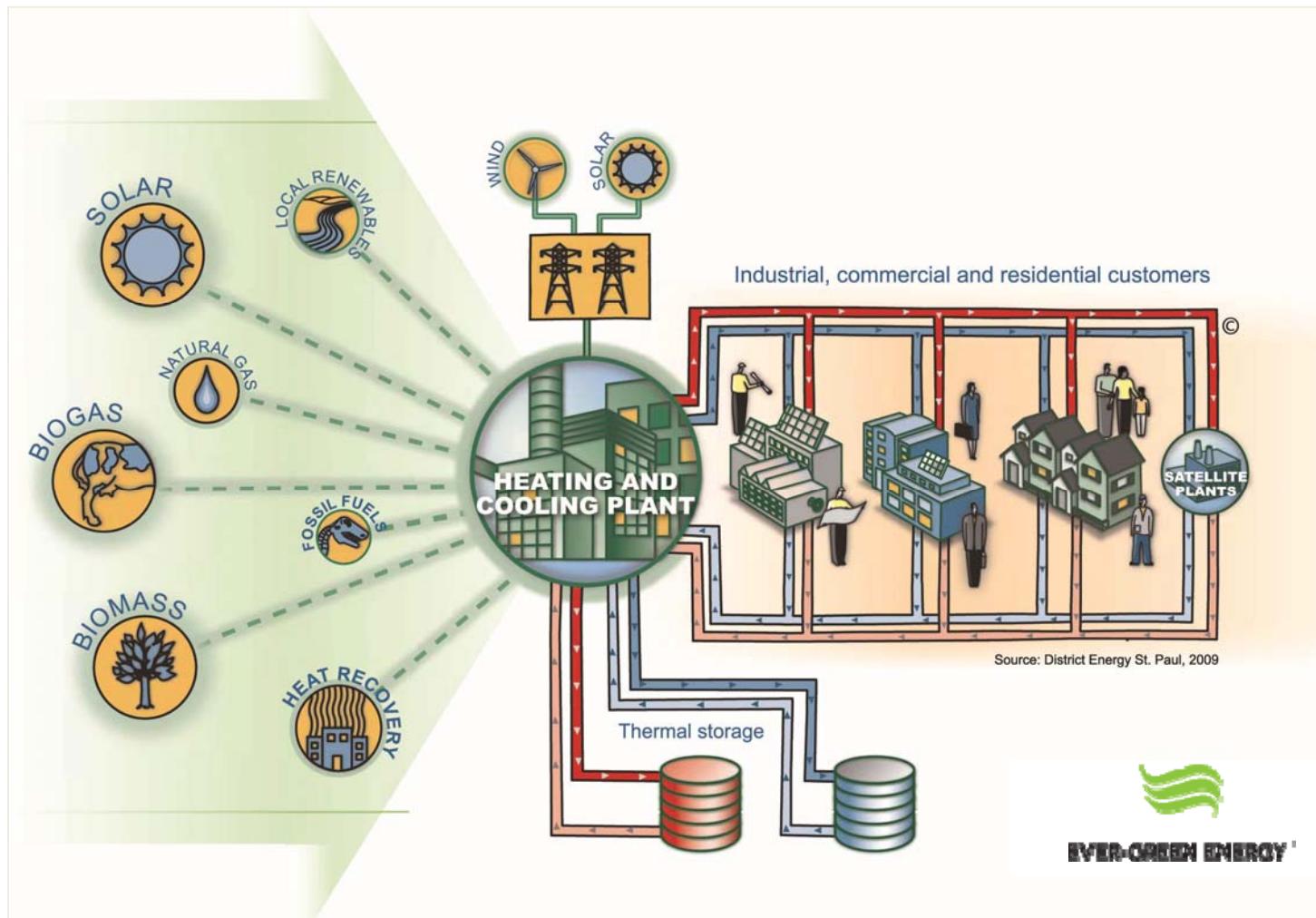
*“Be the preferred provider of community energy services that benefit our customers, the community and the environment.”*



# Heating and Cooling Saint Paul



# Integrated Energy System



# Integration of Biomass-Fueled Combined Heat & Power



12,000 truckloads of clean wood residue diverted annually from the waste stream.



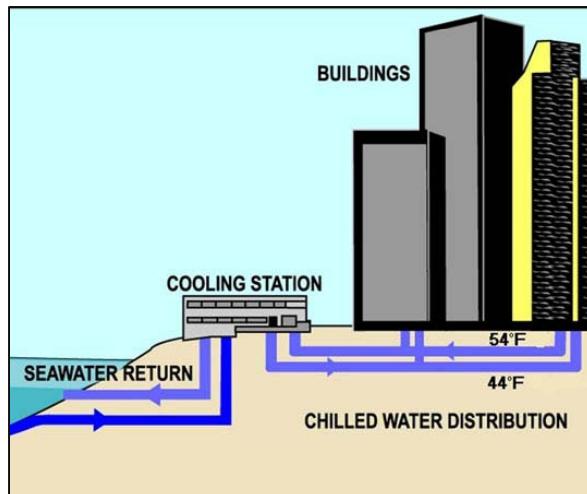
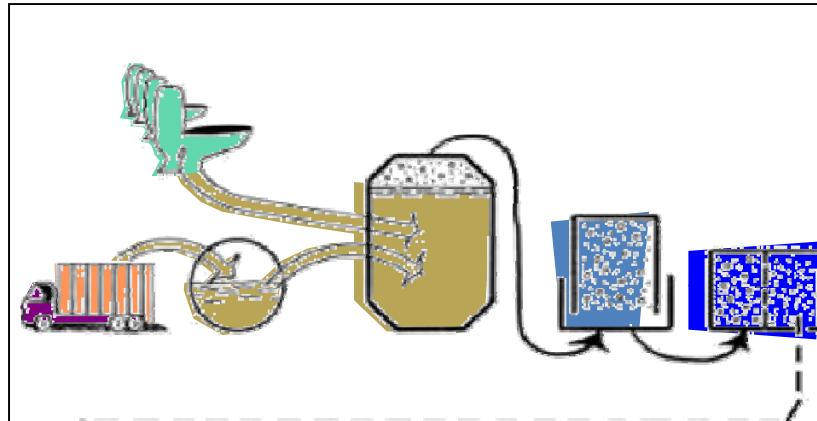
# Integration of Large Scale Solar Thermal



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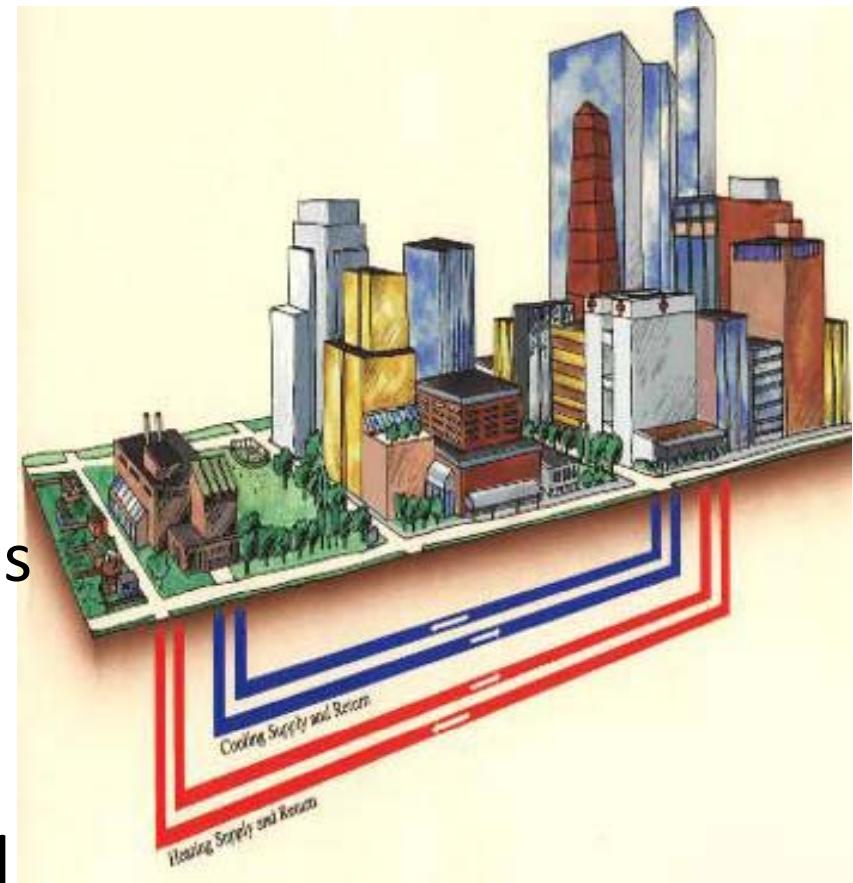


# District Energy Enables Integration of Diverse Local Energy Sources

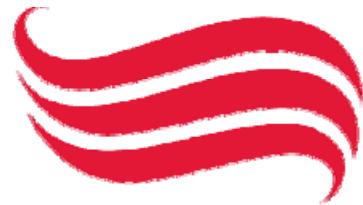


# District Energy: Empowering Cities for the Future

- Enables integration and unlocks efficiency gains
- Improves security and reliability
- Reduce GHG emissions
- Stable and economical rates
- Solution for today with flexibility for tomorrow
- Planning, collaboration and partnerships are key



# *Thank You!*



**DISTRICT ENERGY**  
**ST. PAUL™**

**Kenneth W. Smith**  
**President and CEO**  
76 Kellogg Blvd W, Saint Paul, MN 55102  
[ken.smith@districtenergy.com](mailto:ken.smith@districtenergy.com) ~ [www.districtenergy.com](http://www.districtenergy.com)

