Wind for Schools

Who?
- Kansas State University - Students & Faculty
- National Renewable Energy Laboratories (NREL)
- National Schools in Kansas
- Rural Utilities & Community Members

Why WfS?
- Promote wind energy in rural areas of Kansas
- Educate college students on wind turbine siting and applications
- Educate K-12 students on wind energy

Concordia USD 333
- Horizon Wind support
- 60' Monopole

Ell-Saline USD 307
- TradeWinds Energy Support
- 45' monopole

Kansas State University

Greenbush Ed. Ctr.
- 60' Monopole
- Heartland Electric Helped with Installation
- Check out greenbush.org

Sterling USD 376
- City support
- 60' monopole

How?
- Class 3 or higher wind (14.5+ mph)
- Location without large obstructions or trees
- Community awareness and acceptance
- Administrative support at school
- Teachers willing to incorporate turbine into classrooms

Donated Funds?
- $9,000 (1,000)
- Green East $200 (Horizon Wind for 2007)
- Local Utility: Electrical Materials, Foundations, Installation Costs

Where?
- 2007
  - Concordia USD 333
  - Ell-Saline USD 307
  - Fairfield USD 310
  - Sterling USD 376
  - Walton USD 373
- 2008
  - Greenbush Education Center
  - Blue Valley USD 845
  - Pretty Prairie USD 311
  - South Barber USD 235
  - Deerfield USD 216

Costs?
- Turbine $3,250
- Tower $2,000-$7,000
- Foundation $600-$1,200
- Electrical Materials $600-$4,700
- Data Communications $260