

High Plains Wind Consortium

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NDSU
Extension Service



Wind Policy Issues

Strong public demand, but uneconomical
w/o subsidy

Level, structure and duration of support?

Infrastructure lacking

Developer or user bear cost?

Diverse goals

Profit, rural development, renewable?

New Tech/Limited disclosure of terms

Public education?

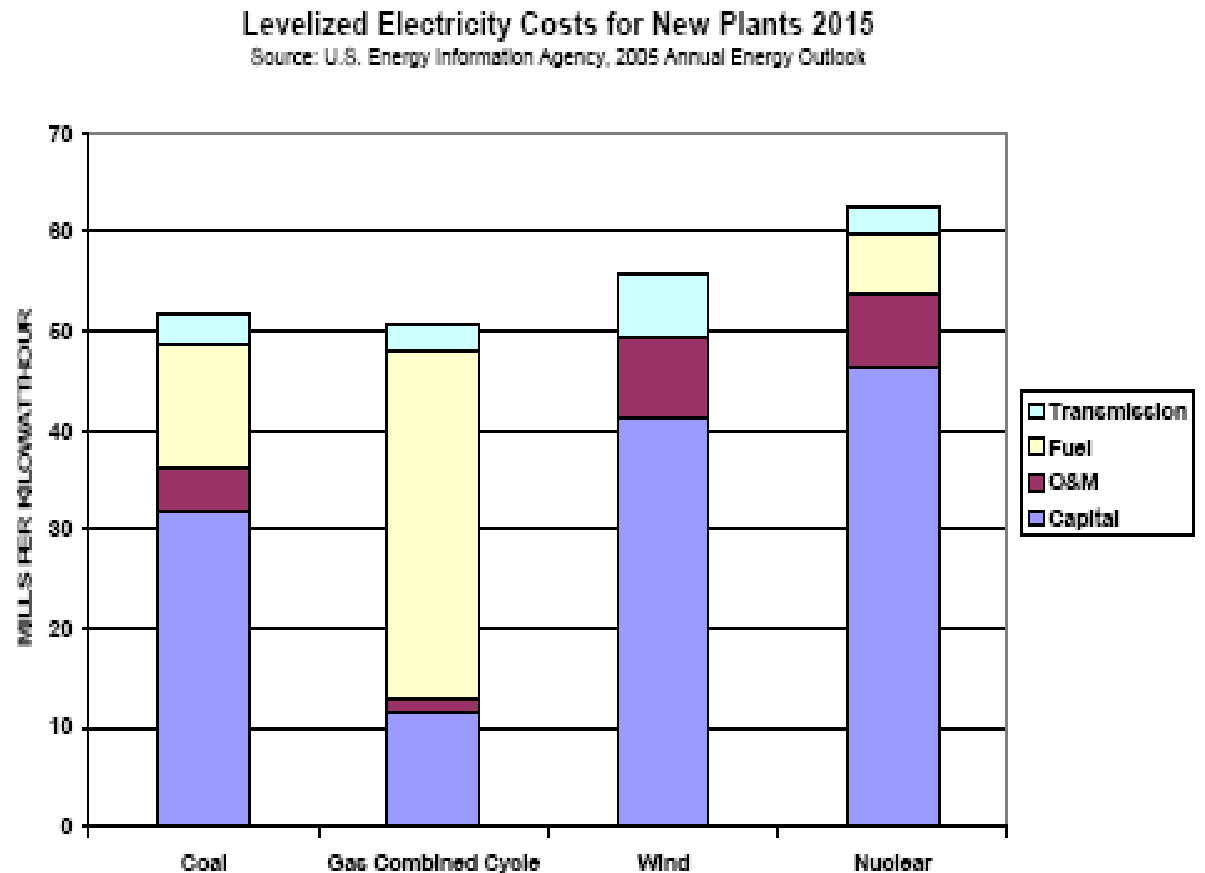
Externalities

Economic Incentives Langdon Feasibility Study

- 106 1.5mw towers
- \$500 million investment, \$1 million lease payments, \$456,000 local tax payments
- Met tower (2004), FPL (2006)

Wind Myths

- Wind energy is free



Wind Myths

- Utilities buy electricity at same rate I pay

Consumers pay \$0.08/kwh

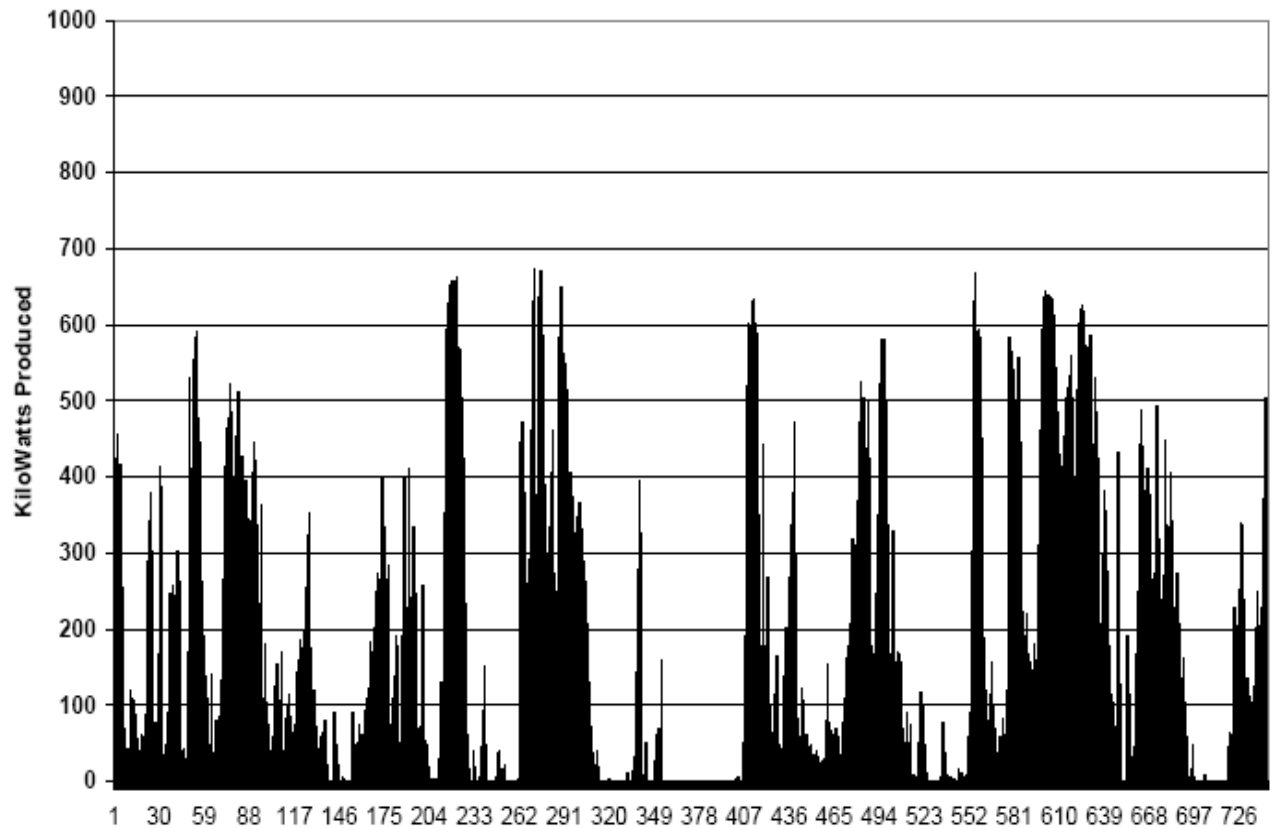
Buy back at \$0.03/kwh (avoided cost)

Wind Myths

- Wind provides constant power

Hourly Production of Power in July 2004 at Petersburg, North Dakota

Source: Minnkota Power



Wind Myths

- Wind towers last for ever





Wind Myths

- Wind tower only affects me



BWEA

Wind Myths

- If wind investment is good for neighbor, must be good for me

High Plains Energy Consortium

- Wiki space -

(<http://sustainablegreatplains.wikispaces.com/Energy>)

- Webcasts

- Discussion Forum

(www.plainswind.org)

Questions?