

**Women In Government  
First Annual Energy Summit  
Guiding Principals for a Balanced Energy Approach  
September 10-12, 2009  
Denver, Colorado**

**Saturday, September 12, 2009**

**10:25am – 11:25am**

**State Panel – Developing Energy Legislation in Your State**

Senator Beverly Gard

Chair, Energy and Environmental Affairs Committee

Indiana State Legislature

**Senator Beverly Gard's Notes on Energy Legislation Activity in Indiana**

**State Specific**

- No silver bullet – use all forms of energy
- Indiana – home grown clean energy
- Strengthening energy at home and moving away from energy imports – incentives not mandates

**Indiana Demographics**

- Coal producing state
- \$2B impact on Indiana's economy
- 11,000 jobs
- We import coal
- 95% of Indiana's power generated from coal
- Manufacturing intensive
- 300-400 years supply left in Indiana
- Corn and soy bean producing state
- Moderate wind, less solar, virtually no hydro

**Tax Credits**

- 2005 – Credits to support building Duke IGCC plant in Southwest Indiana
  - Tax credits for production of ethanol and biodiesel
- 2006 – Amended tax credit legislation for IGCC
  - Passed credits to incent circulating fluidized bed coal plant
- 2007 – Passed tax credits for cellulosic ethanol production
- 2008-2009 – Enabling legislation for SYN gas plant
  - Save hoosiers \$300M in gas prices over the life of a 30 year contract

**Duke IGCC Plant**

- 630 megawatts
- \$2.3B
- Largest and cleanest coal plant in the world
- 800-900 construction jobs; 100 permanent jobs
- Drastic reduction in SO<sub>x</sub>, NO<sub>x</sub>, Hg, Less H<sub>2</sub>O, Solids
- Use 1.5M tons coal/year; at \$40M/year
- First 10 years property taxes: \$52.7M

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- Next 20 years: \$126.7M
- Other Incentives
  - Tax abatement
  - Workforce development
- Support of local officials and citizens, Rs and Ds, several environmental groups (not all)

**Carbon Capture and Storage**

- Can be demonstration project
- Studying how legislation needs to be crafted

**Biofuels (Ethanol and Biodiesel)**

- Now focusing on incentivizing cellulosic ethanol production (\$20M in tax credits who produce at least 20M GPY)
- 130 E-85 pumps
- 15 ethanol production facilities
- 5 biodiesel production facilities operating
- 16 B20 refueling stations

**Incentives for Dispensing Ethanol Blends**

- Corn check off (2007) – 25% for incentives
- 18 cents per gallon for dispensing E85
- Grants for E85 pump installation
  - Converting \$30,000
  - New \$50,000

**Other “Green” Energy Initiatives**

- Wind – 3,900 megawatts operational or under construction
- Biomass (animal waste and landfill methane)
- Executive order for all new state buildings to be constructed, operated, and maintained for max energy efficiency – LEED silver rating
- Rebates for geothermal
- Funding for:
  - Purdue tap energy efficiency
  - Center for coal technology research

**Next Legislative Steps**

- CSS
- Transmission issues
- Smart grid
- Efficiency