

# Indiana's Strategic Energy Plan

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Indiana's Strategic Energy Plan



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# Indiana's Strategic Energy Plan

- ❖ Adopted by Indiana's Governor in 2006
- ❖ Purpose is to create a strategy to grow Indiana's economy by producing more of its energy from its own natural resources, while encouraging conservation and energy efficiency.

# Indiana's Strategic Energy Plan

## Three Primary Goals

- ❖ Trade current energy imports for future Indiana economic growth.
- ❖ Produce electricity, natural gas, and transportation fuels from clean coal and bioenergy.
- ❖ Improve energy efficiency and infrastructure.

# Trade Energy Imports For Future Economic Growth

- ❖ 75% of Indiana's energy expenditures are used to purchase out-of-state coal, natural gas, and oil products.
- ❖ Importing energy is exporting Indiana's economic growth.
- ❖ Therefore, Indiana needs to focus on reducing energy imports and increasing energy investments in the state.

# Electricity, Natural Gas, and Transportation Fuels From Clean Coal and Bioenergy

## ❖ Electricity

- ❖ Build needed power plants using clean coal technology to address high sulfur coal.
- ❖ Utilize animal waste, landfill gas, and woody biomass to generate electricity.
- ❖ Explore and utilize wind resources to create energy.



# Electricity, Natural Gas, and Transportation Fuels From Clean Coal and Bioenergy

## ❖ Natural Gas

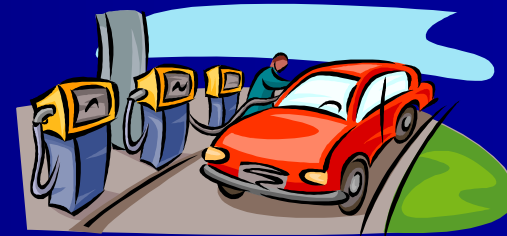
- ❖ Make synthetic gas (“syngas”) from coal.
- ❖ Build syngas plants.
- ❖ Use biomass to create biogas.



# Electricity, Natural Gas, and Transportation Fuels From Clean Coal and Bioenergy

## ❖ Transportation Fuels

- ❖ Promote production and use of biofuels (E85) and biodiesel.
- ❖ Promote cellulosic ethanol production.
- ❖ Develop and expand use of coal to liquid technology to replace crude oil.

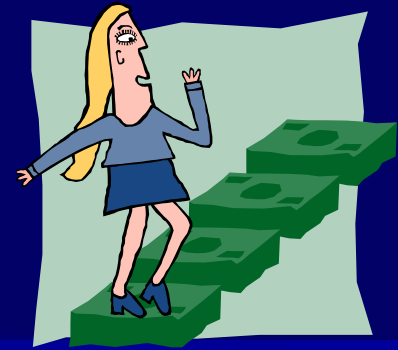


# Improve Energy Efficiency and Infrastructure

- ❖ Create new energy efficiency tools and incentives for utilizing them.
- ❖ Support flex-fuel vehicle fleets.
- ❖ Strengthen and expand energy infrastructure, including transmission systems, biofuel pipelines, and rail systems.

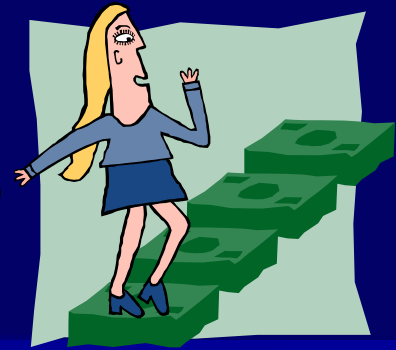


# Steps To Achieve Goals



- ❖ Clean Indiana Energy Acts of 2005-2006
  - ❖ Incentives for new biofuel production facilities.
  - ❖ Tax credits to retailers that sell biofuels.
- ❖ 2005 U.S Energy Policy Act
  - ❖ Tax credits and loan guarantees for Indiana energy facilities.
- ❖ Alternative Fuels Vehicle Grant Program
  - ❖ Provides funding for vehicles using biofuels.

# Steps To Achieve Goals



- ❖ Assist energy supply and infrastructure projects in obtaining permits and approvals.
- ❖ Assist with siting of non-utility energy and infrastructure projects.
- ❖ Develop policies to address interconnection and transmission needs.
- ❖ Develop and support alternative pricing mechanisms to encourage efficiency, conservation, and use of renewable energy.

# Interagency Council on Energy

- ❖ Interagency Council on Energy
  - ❖ Created to coordinate the ongoing development and implementation of Indiana's Strategic Energy Plan.
  - ❖ Group is comprised of the leaders of State Agencies involved in energy production, transmission, and distribution.



# Interagency Council on Energy

- ❖ Provide advice to the Governor and the Legislature on significant energy issues.
- ❖ Meet regularly to communicate about proposed energy projects, to coordinate regulatory review, and to minimize duplication of expertise and resources.
- ❖ Identify and implement needed changes to streamline regulatory processes.

# Interagency Council on Energy

- ❖ To assist with implementation of the specific objectives identified in the Strategic Energy Plan, sub-committees were created.
- ❖ Each objective was assigned to a sub-committee consisting of the agencies most involved with that objective.

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