## Powering our homes, schools, farms and businesses in the 21st Century

- **Transition to clean renewable energy such as solar, wind, geothermal**
  - Renewable energy standard – by 203 each utility in Iowa should generate 100 percent of the electricity used by Iowans from clean and renewable sources
  - Adequate surveys need to be conducted prior to the siting of wind turbines and transmission lines in order to avoid natural areas and to protect bird and bat habitat and migration pathways

- **Support distributed generation allowing home owners, schools, churches, farmers and small businesses to own and install wind and solar power generation equipment**
  - Feed-in tariffs to fairly pay the producer for electricity delivered to the grid
  - Financing programs to assist in installation of distributed generation projects
  - Standard interconnection for distributed generation adhered to by all Iowa utilities
  - Community-based renewable energy projects allowed

- **Update distribution and transmission lines so that all Iowans can use renewable energy and so that excess energy can be sold out of state**

- **Enhance energy efficiency and conservation programs**
  - Financing programs to assist in installation of energy efficiency and conservation
  - Programs that encourage customers to have energy audits, install energy efficient appliances, purchase LED light bulbs, and improve building efficiency
  - Demand-response programs that allow utilities to selectively cycle customer equipment off during peak usage
  - Smart meters, with an opt-out feature, that enable customers to cycle off appliances for periods of time
  - Building codes that encourage high-efficiency, private-sector buildings.
Clean and Renewable Energy for the 21st Century

Clean and renewable energy (wind, solar, geothermal) is a common-sense solution whose time has come for lowans and Iowa’s economy. Tying it all together is an adequate distribution and transmission grid to allow electricity to be moved from the producer to the consumer.

Renewable energy is the responsible thing to do for this generation of lowans and for future generations of lowans.

Protecting the environment

Clean and renewable energy does not pollute the air. Our environment will be healthier without the pollutants emitted into the air by coal plants. What’s more, our children and adults with respiratory illnesses will breathe easier.

Clean and renewable energy does not leave behind piles of toxic waste, such as coal ash and nuclear waste.

What’s more, clean and renewable energy does not contribute to global warming by emitting greenhouse gases.

Energy security

Renewable energy from wind and solar is infinite and free. It is natural. When energy is powered by wind and solar, money is not sent out of state to buy coal, gas, oil or uranium. It keeps our money working right here in Iowa, which is good for our economy and good for our future.

Job creator

Renewable energy creates good jobs -- building, installing and maintaining the renewable energy generation equipment.

What’s more, pursuing clean and renewable energy gives Iowa an opportunity to lead. Iowa already is a leader in wind production. Iowa can also lead in solar and energy efficiency.

Iowa has as much or more solar energy potential as Germany. While Germany gets 19.2% of its power from solar energy,1 Iowa gets very little even though Iowa has abundant solar resources. If Germany can do it, so can Iowa.

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