

Energy Fact Sheet

Here in Iowa and across the country we face serious challenges: massive job loss, political instability related to our reliance on foreign oil, and serious environmental and health risks from fossil fuel pollution. Current energy policies support unreliable, dangerous, and polluting sources like oil, coal, and nuclear energy by giving billions in subsidies to these industries while virtually ignoring conservation and renewable sources.

It does not have to be this way. Considering energy needs within a security frame could benefit workers, the environment and community health if clean energy and jobs creation are linked. Investing \$300 billion in a comprehensive clean energy and energy efficiency plan over 10 years could create 3 million new jobs and end our nation's dependence on foreign oil. To achieve good jobs, energy independence, and a safe, secure and healthy environment means we must:

- Promote Advanced Technology & Hybrid Cars through incentives to convert domestic assembly lines to manufacture highly efficient cars, increase consumer choice and strengthen the US auto industry. (Current tax incentives promote the purchase of gas guzzling SUVs).
- Invest in More Efficient Factories while saving energy through environmental retrofits, improved boiler operations, industrial co-generation of electricity, and retraining of workers.
- Encourage High Performance Building by increasing investment in construction of affordable energy efficient "green buildings," homes and offices, through innovative financing and incentives, improved building operations, and updated codes and standards.
- Increase Use of Energy Efficient Appliances by linking higher energy standards to consumer and manufacturing incentives that increase demand for new durable goods.
- Modernize Electrical Infrastructure: Deploy the best available technology like scrubbers to existing plants, research new technology to capture and sequester carbon and improve transmission for distributed renewable generation.
- Expand Renewable Energy Development: Diversify energy sources by promoting existing technologies in solar, biomass and wind and set ambitious but achievable goals for increasing renewable generation at local and state as well as national levels.
- Improve Transportation Options: Increase mobility, and transportation choice by investing in effective multimodal networks including bicycle, local bus and rail transit, regional high-speed rail and magnetic levitation rail projects.
- Reinvest In Smart Urban Growth: Revitalize urban centers, rebuild and upgrade local infrastructure including road maintenance, bridge repair, and water and waste water systems, and expand redevelopment of idled urban "brownfield" lands.
- Plan For A Hydrogen Future: Invest in long term research & development of hydrogen fuel cell technology, deploy the infrastructure to support hydrogen powered cars and distributed electricity generation using stationary fuel cells to create jobs in the industries of the future.

For more information or to get involved with this or similar plans visit www.apolloalliance.org