BARACK OBAMA'S PLAN TO CREATE 5 MILLION NEW GREEN JOBS

> *"…Green jobs are the jobs of the future – not just because they pay well and can't be outsourced. And not just because they'll help strengthen our economy and lift up our middle class. But because they'll help reduce our dependence on foreign oil, and save this planet for our children."*
>
> -- Barack Obama, March 2008

Barack Obama will invest $150 billion over 10 years to advance the next generation of biofuels and fuel infrastructure, accelerate the commercialization of plug-in hybrids, promote development of commercial scale renewable energy, invest in low emissions coal plants, and begin transition to a new digital electricity grid. A principal focus of this fund will be devoted to ensuring that technologies are developed in the U.S. and are rapidly commercialized in the U.S. and deployed around the globe. These investments will help states like Pennsylvania revitalize local economies. For example, a study by the Apollo Alliance projected that Pennsylvania could have the sixth largest green manufacturing job growth if the U.S. takes reasonable steps to curb future carbon emissions.

Invest in U.S. Manufacturing: The Obama comprehensive energy independence and climate change plan will invest in America's highly-skilled manufacturing workforce and manufacturing centers to ensure that American workers have the skills and tools they need to pioneer the first wave of green technologies that will be in high demand throughout the world. Obama will also provide specific tax assistance and loan guarantees to the domestic auto industry to ensure that new fuel-efficient cars and trucks are build in the U.S. with American workers.

Create New Job Training Programs for Clean Technologies: The Obama plan will increase funding for federal workforce training programs and direct these programs to incorporate green technologies training, such as advanced manufacturing and weatherization training, into their efforts to help Americans find and retain stable, high-paying jobs. Obama will also create an energy-focused youth jobs program to invest in disconnected and disadvantaged youth.

Boost the Renewable Energy Sector and Create New Jobs: The Obama plan will create new federal policies, and expand existing ones, that have been proven to create new American jobs. Obama will create a federal Renewable Portfolio Standard (RPS) that will require 25 percent of American electricity be derived from renewable sources by 2025, which has the potential to create hundreds of thousands of new jobs on its own. Obama will also extend the Production Tax Credit, a credit used successfully by American farmers and investors to increase renewable energy production and create new local jobs.

Extend the Production Tax Credit: Obama will also extend the federal Production Tax Credit for five years to encourage the production of renewable energy like wind and solar. This program will provide incentives to farmers and other local producers of renewable energy to boost rural renewable energy production.

Develop and Deploy Clean Coal Technology: Coal is our nation's most abundant fossil fuel and is a critical component of economic development in China, India and other growing economies. Obama believes that the imperative to confront climate change requires that we prevent a new wave of traditional coal facilities in the

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U.S. and work aggressively to transfer low-carbon coal technologies around the world. In the U.S. Senate, Obama successfully increased funding by $200 million for carbon storage in the fiscal year 2008 budget resolution.

As president Obama will significantly increase the resources devoted to the commercialization and deployment of low carbon coal technologies. Implementing these technologies as soon as possible is vital to the transition to a clean energy economy and will help other nations dependent on coal reduce their emissions as well. In addition to addressing new facilities, Obama will work to ensure that existing coal facilities are retrofitted with carbon capture and sequestration technology as soon as it is commercially available.

Build Biofuel Distribution Infrastructure: Barack Obama has been one of the strongest proponents in Congress for increasing the national supply of home-grown American ethanol and biodiesel. Obama is the only Democratic presidential candidate to cosponsor and actively campaign to establish the nation's first federal Renewable Fuel Standard, which is now law. In the U.S. Senate, Obama introduced a proposal to create the first national Renewable Diesel Standard to increase our country's production and supply of American-grown biodiesel. Obama also led the successful effort to make gas stations eligible for a tax credit to cover 30 percent of the costs of installing E85 ethanol refueling pumps. Obama will build on those efforts to improve the production, supply and distribution of advanced biofuels like cellulosic ethanol and biodiesel.

- **Develop the Next Generation of Biofuels:** Barack Obama will work to ensure that advanced biofuels, including cellulosic ethanol, are developed and incorporated into our national supply as soon as possible. Obama will invest federal resources, including tax incentives, cash prizes and government contracts into developing the most promising technologies with the goal of getting the first two billion gallons of cellulosic ethanol into the system by 2013.

- **Expand Locally-Owned Biofuel Refineries:** Less than 10 percent of new ethanol production today is from farmer-owned refineries. New ethanol and biodiesel refineries help jumpstart rural economies. For example, it has been estimated that a 40 million gallon ethanol refinery will add up to 120 jobs, expand a local tax base by $70 million per year and boost local household income by $6.7 million annually. The economic development opportunities for advanced cellulosic ethanol technologies hold potential to revitalize rural communities across the country. Barack Obama believes we must ensure that local investment continues to play a significant role as the biofuels industry continues to expand and evolve. Obama will create a number of incentives for local communities to invest in their biofuels refineries, including expanding federal tax credit programs and providing technical advice to rural communities that are in a strong position to open their own refineries. Obama will also provide an additional subsidy per gallon of ethanol produced from new facilities that have a minimum of 25 percent local capital, and he will provide additional loan guarantees for advanced ethanol facilities with local investment.

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