Emerging National Clean Energy and Climate Policies
The Obama Administration and congressional leadership have identified clean energy and climate legislation and policies as top priorities for action. In addition, several states are joining with hundreds of local governments across America to establish and implement new clean energy and climate mandates, incentives and programs.

Honeywell and its sales force intend to remain aware of these emerging national clean energy and climate policies, so that we can foresee market trends, understand the drivers of market demand and connect with our customers on technologies and projects that will serve them in the context of these trends.

National Energy and Climate Policies are Changing Now

At every level of government, public policies are emerging that could establish new rules to control greenhouse gas emissions, and new mandates and incentives for clean energy approaches. Several localities are establishing codes and incentives for energy efficiency, green buildings and emissions reductions. Several states are passing laws and regulations to control carbon emissions. And the Obama Administration and Congress are moving toward new national climate laws and energy policies. Climate and energy legislation passed in the House in June, energy legislation has bipartisan support in the Senate, and the Senate is also now moving forward with climate legislation in fall 2009. Already, federal agencies are changing their energy and climate policies and programs. So, whether or not the climate law passes in 2009, the policy changes are already underway and these issues are going to affect the economy, businesses and local governments in major ways.

Challenges and Opportunities

These emerging national climate policies may pose challenges to your business, institution or community. How you obtain and use energy may change, and energy costs may increase. Traditional manufacturing may face challenges, but new “green jobs” and technology industries may emerge. Your customers and constituents may start demanding greener products and performance. Opportunities will include new federal and state resources for innovation, energy efficiency and green energy initiatives. Also, your adoption of clean energy technologies may stabilize and reduce your energy costs over time. Honeywell is ready to work with you to make sure that these challenges create opportunities for cost savings and innovation in your organization.
Ten Key Issues

The ten key issues that are emerging in the national policy debate include:

- **Renewable Energy Standards** – mandate that up to 20 percent of all electricity in America must come from renewable energy sources or energy efficiency measures
- **Green Building Codes** – mandate that new commercial and residential buildings are built up to 50 percent more energy efficient than today’s standards
- **Building Retrofits** – new incentives and programs to retrofit existing commercial and residential buildings to be more energy efficient
- **Clean Transportation** – mandates for increased vehicle efficiency and reduced vehicle use
- **Cap-and-Trade Rules for Utilities and Industry** – new “cap-and-trade” GHG regulations that require around 2,000 utilities and industry emissions producers to reduce their emissions 17 percent over the next 10 years
- **Smart Grid** – massive investment in the electric grid system to have a “smart grid” including smart meters at the customer level
- **New Clean Energy Programs** – new federal, state and local funding programs to support clean energy investments at the commercial, retail and residential levels
- **Distributed Energy** – a strong new demand for small-scale “distributed energy” technologies on individual buildings, such as solar panels, geothermal technologies and fuel cells
- **Carbon Offsets** – a new system of “carbon offsets” under which the emitting industries can buy “green credits” from cities, farmers, foresters and others
- **Green Jobs** – new career training programs to support the “green collar jobs” of the future

What Should You Do?

Organizations do not want to be caught flat-footed by new mandates, rising energy prices, new customer demands or other changes brought by new energy and climate policies. Proactive organizations will harness these trends to obtain energy and cost savings, and to create new economic opportunities. Your organization should consider:

- Conducting an **energy audit** to find opportunities for energy savings
- Conducting an analysis of your organization’s **carbon footprint**
- Exploring ways to **obtain renewable energy** from others, or becoming a renewable energy producer yourself through **distributed energy** technologies
- Using **smart meter** technologies to reduce energy costs
- **Connecting** with your State Energy Office, local government green programs and federal agencies that are offering resources and support for clean energy and GHG reduction efforts
- **Partnering** with other organizations, such as environmental or business groups, to implement new clean energy and green technology initiatives

Can Honeywell Help?

Honeywell can provide a package of tools and support to help you navigate and succeed in the context of these emerging clean energy and climate policies. Honeywell can provide services and technologies that include:

- **Decision-making support tools** such as energy audits, carbon footprint assessments, compliance optimization tools and technology investment support tools
- **Technology deployments** including building efficiency tools, manufacturing efficiency tools, smart meters and demand response technologies, renewable and distributed energy sources – and other technologies
- **Energy Performance Contracts** to support the financing of these approaches
- **Support in connecting** with government officials and other organizations that can assist you in exploring, funding and deploying these approaches
- **Ongoing service, tracking and measurement** of technology and energy performance
Find Out More
Contact Honeywell today to find out more about energy and climate policies.
Talk to your local representative, visit www.honeywell.com/buildingsolutions or call 1-800-345-6770, ext. 612.

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