

For Immediate Release

Fall 2015

## FACTSHEET:

### BCSE Members Join White House American Business Act on Climate Pledge

A total of 81 companies have now joined the Obama Administration's [American Business Act on Climate Pledge](#), demonstrating their support for action on climate and a strong outcome from the COP21 meeting in Paris this December. BCSE member organizations, including Calpine, ENER-G Rudox, Ingersoll Rand, Johnson Controls, Kingspan Insulated Panels – North America, PG&E, Qualcomm Incorporated, and Schneider Electric recently joined the pledge. A summary of each of their commitments can be found below.

#### **CALPINE**

Calpine is a leading independent power producer and we have long invested in clean, low-carbon and renewable energy resources. We own and operate the nation's largest modern fleet of low-carbon, highly efficient, combined-cycle natural gas-fueled power plants; we also are the nation's largest operator of combined heat and power (CHP) plants; and we own the nation's largest fleet of renewable geothermal power plants.

Calpine has been a longtime supporter of efforts to mitigate GHG emissions from the power sector. We have also voluntarily taken steps to assure that we provide reliable, low-cost electricity in an environmentally responsible and sustainable manner.

Calpine pledges to:

- Continue in our efforts to support market based solutions aimed at lowering carbon emissions in the power sector.
- Explore investments in low carbon technologies, such as efficient natural gas turbines, renewables and battery storage, which complement our existing clean and efficient gas powered and geothermal fleet.
- Work with states where we operate to help develop the most effective Implementation Plans for compliance with the Clean Power Plan that take into account each states unique standing while achieving the common goal of reducing system wide GHG emissions over time.

### **ENER-G RUDOX**

ENER-G Rudox, Inc. pledges to:

- Reduce greenhouse gas emissions by 25%, compared to a 2005 baseline, by 2025
- Improve energy efficiency across all company properties by at least 20% by 2025
- Increase investment in low-carbon, climate-resilient, and/or green projects by 50% by 2025
- Develop both short and long-term business plans that emphasize sustainability
- Proactively support the massive global effort needed to keep mitigate global warming

### **INGERSOLL RAND**

Ingersoll Rand, a world leader in creating comfortable, sustainable and efficient environments, is committed to addressing the unsustainable global demand for energy resources and its impact on the environment for our employees, customers and shareholders.

Ingersoll Rand pledges to:

- Reduce emissions from our products and our operations by over 20 MMT (metric tons) CO<sub>2</sub>e by 2020 and expect to cut 50 MMT CO<sub>2</sub>e by 2030.
- Invest \$500 million in product-related research and development over the next five years to fund the long-term reduction of GHG emissions without compromising energy efficiency or safety.

[Ingersoll Rand Climate Commitment](#)

### **JOHNSON CONTROLS**

Johnson Controls, a global multi-industrial company, has made public commitments to reduce greenhouse gas emissions and improve sustainability since 2003. From 2002 through 2014, we reduced our global greenhouse gas intensity by 41 percent and our energy intensity by 40 percent. Additionally, we have already achieved 21 percent of our 25 percent ten year energy intensity reduction goal in only five years as part of the U.S. DOE Better Plants Challenge. We have also recently established updated corporate targets for the reduction of greenhouse gas emissions, energy, water and waste.

From a 2014 baseline, Johnson Controls pledges the following by 2020:

- Reduce greenhouse gas intensity (in metric tons/revenue) by 15 percent
- Reduce energy intensity (in gigajoules/revenue) by 15 percent

In addition, Johnson Controls pledges to provide our small and medium enterprise suppliers with energy management tools and training to help them become more energy efficient, sustainable and competitive. We also commit to invest in the development of new products that expand our use of low-GWP alternatives to HFC refrigerants that best meet the safety, efficiency, reliability, availability, and financial requirements of our customers.

### **KINGSPAN INSULATED PANELS, INC.**

Building on a 2010 Kingspan Global Corporate pledge Kingspan Insulated Panels – North America pledges to:

- Savings of 1.4% per year beyond achieving the Better Plants goal (25% improvement in energy intensity) in 2015, cumulative CO2 emissions avoided by the end of the current pledge period (2021) is 10,615,053 kg.CO2.eq. By extending the pledge beyond 2021 with the same rate (1.4% per year), by the end of year 2025 Kingspan would achieve ~39% improvement in energy intensity. This is equivalent to avoiding CO2 emissions of 12,882,490 kg.CO2.eq.
- These Improvements energy efficiency and related Greenhouse Gases reductions are across 452,850 square feet of operations property in the United States. Kingspan’s Insulated Metal Panel products also contribute to high thermal performance as exterior enclosure solutions that reduce Demand Side Energy and related Greenhouse Gases. These products are specified on commercial/industrial projects and contribute to “green” building performance criteria.

[Kingspan press statement](#)

[Kingspan Climate Pledge](#)

### **PG&E**

As a provider of electricity and natural gas to millions of Californians, PG&E understands our responsibility to manage our carbon footprint, advance policies that put California and the country on a cost-effective path toward a low-carbon economy, and address the emerging need to adapt to changing climate conditions. We also remain focused on advancing and providing customers—and our employees—with industry-leading tools and incentives to help them manage and reduce their energy use and capitalize on new, clean energy technologies.

We want the actions we take and decisions we make regarding climate change to enable a better quality of life for our customers, communities and the planet. As a company with a mission rooted in public service, we have a distinct role to play in being a catalyst and advocate for clean energy innovation and a low-carbon economy, advancing economic growth and opportunity, and driving solutions to local and global environmental challenges.

In support of our continued commitment to combating climate change, PG&E proposes to achieve the following by 2020:

- **Facilitate Deployment and Integration of Low-Carbon, Clean Energy Technologies:**
  - ***Provide our nearly 16 million customers with an electricity supply that is more than 60 percent carbon-free***, making it one of the cleanest electricity supply portfolios of any investor-owned utility in the country.
  - ***Support the implementation of the Clean Power Plan*** by working with the state of California and other stakeholders to ensure its effective implementation.
  - ***Plan a total grid investment of approximately \$3 billion a year*** to both modernize the grid to make it more resilient and facilitate our vision of the Grid of Things™—a grid that

will integrate distributed solar, energy storage, electric vehicles and other low-carbon technologies.

- **Expand the system-wide deployment of our mobile gas leak detection system** that uses the most sophisticated, cutting-edge technology to find more natural gas leaks faster—helping to improve our ability to prioritize repairs and replacements, which enhances public safety and reduces the amount of methane released to the atmosphere.
- **Support Our Customers and Communities:**
  - **Continue to lead and innovate on energy efficiency** by helping our customers save approximately 4,400 GWh of electricity and 90 million therms of natural gas, avoiding about the same amount of power used by 600,000 homes in PG&E’s service area.
  - **Weatherize 500,000 homes to help low-income customers** reduce energy use, better manage energy costs, and increase safety, health and comfort.
  - **Facilitate the rapid adoption of rooftop solar installations** by improving upon our current ability to interconnect a solar system in three days or less—among the fastest process times in the nation—to the point where our interconnection process is fully automated.
  - **Dedicate more than \$5 million over the next five years to continue to invest in partnerships that support clean energy deployment in underserved communities**, including support for solar and renewable energy education and funding for solar panel installations in underserved communities, working in partnership with non-profit organizations.
  - **Work with regulators to agree on programs that will allow continued acceleration of repairs and replacements to eliminate non-hazardous methane leaks in our natural gas distribution system** to maintain a near zero “workable” leaks backlog and further reduce other minor leak backlogs.
- **Take Action in Our Operations and Encourage Our Employees to Do the Same:**
  - **Expand our fleet of alternative-fuel vehicles**—one of the nation’s largest among electric and gas utilities—by investing at least one-third of our annual fleet procurement spend in electric vehicles, totaling more than \$100 million.
  - **Achieve top decile performance in facility energy and water reduction among industry peers**—reducing the environmental footprint of our facilities (as reduced energy and water use translates into greenhouse gas savings), while also providing an enhanced workplace for our employees.
  - **Build upon our existing employee incentive programs** that offer discounts for rooftop solar installation and the purchase of electric vehicles to encourage employees to take action at their homes.

[PG&E press statement](#)

## **QUALCOMM**

Qualcomm’s pledges to:

- Reduce absolute Scope 1 and 2 greenhouse gas emissions from global operations by 30%, compared to a 2014 baseline, by 2025

[Qualcomm OnQ blog post](#)

## **SCHNEIDER ELECTRIC**

At Schneider Electric we believe that energy and digital transitions provide new efficient solutions to shift in low carbon society and that access to energy is a basic human right. We are committed to providing innovative solutions to address the energy paradox: balancing the planet's carbon footprint with irrefutable human right to quality energy. Schneider Electric has delivered on its commitments to sustainability in the last four years with a series of actions for the company's direct emissions and in the supply chain:

- Through the years, we have developed a solid portfolio of solutions on renewables, energy efficiency, and grid connections that facilitate energy transition
- Avoided 220,000 tons of CO2 in energy consumption, transportation and site emissions
- Reduced water intensity of our most water intensive sites by 23 percent since 2011
- Increased the number of our products that are considered "Green Premium" and carry an ecolabel to 75 percent
- 2.4 million underprivileged households equipped with energy solutions through Access to Energy program

Because what is good for climate is good for economy, we recognize that delaying action on climate change will be costly in economic and human terms, while accelerating the transition to a low-carbon economy will produce multiple benefits with regard to sustainable economic growth, public health, resilience to natural disasters, and the health of the global environment. We put forth our pledges as follows:

- Achieve 10 percent energy savings by the end of 2017 by reducing the company's energy intensity
- 120,000 tons of CO2 avoided through end-of-life products by the end of 2017
- 75 percent of products in R&D to be designed as Green Premium, with an ecolabel, and 75 percent of product revenue to come from Green Premium by the end of 2017
- Zero waste to landfill in 100 industrial sites by the end of 2017
- 50 million underprivileged people obtaining lighting and communication systems with low carbon solutions by 2025 through the Access to Energy program
- Invest over \$11 billion over 10 years on R&D in innovation in sustainability

[Schneider Electric press statement](#)

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*For more information, visit the Business Council for Sustainable Energy's website at [www.bcse.org](http://www.bcse.org) or contact [bcse@bcse.org](mailto:bcse@bcse.org).*

