

Climate Change and Greenhouse Gas Reduction

WHEREAS:

The United States and 114 other nations have signed the Copenhagen Accord on climate change, which recognizes that “the increase in global temperature should be [kept] below two degrees Celsius,” to avoid potentially devastating societal harm, and “deep cuts in global emissions are required” in order to do so.

The International Energy Agency (IEA) states, “No more than one-third of proven reserves of fossil fuels can be consumed prior to 2050 if the world is to achieve the 2 °C goal...” and, “Almost two-thirds of these carbon reserves are related to coal...” IEA, 2012 Annual Energy Outlook.

In May 2011, the National Academy of Sciences warned that risk of dangerous climate change impacts grows with every ton of greenhouse gases (GHGs) emitted. The report also emphasized that, “the sooner that serious efforts to reduce [GHG] emissions proceed, the lower the risks posed by climate change, and the less pressure there will be to make larger, more rapid, and potentially more expensive reductions later.”

In June 2014, the U.S. EPA released its proposed Clean Power Plan that would require states to achieve GHG reductions of 30% below 2005 levels by 2030 on average nationwide with varying state-specific emission rate goals. The Obama Administration has also articulated a long-term GHG goal of an 80 percent reduction by 2050, and in November 2014 announced an agreement with China, committing the U.S to GHG reduction of 24-26% below 2005 levels by 2025.

A 2012 report by Ceres emphasized risk and cost reduction benefits of aggressive deployment of energy efficiency and renewable energy, especially compared with large-scale fossil fuel projects. Prices for wind and solar continue to decline dramatically. Lazard indicated in September 2014 that the levelized cost of energy of solar PV technologies had fallen by nearly 20 percent in the past year, and nearly 80 percent over five years.

A 2013 report by Citi estimates that of \$9.7 trillion anticipated investment in power generation globally by 2035, 71% will be invested in renewables or clean technologies.

RESOLVED:

Shareholders request that the Company prepare and publish a report, reviewed by a board committee of independent directors, describing how it can fulfill medium and long-term greenhouse gas emission reduction scenarios consistent with national and international GHG goals, and the implications of those scenarios for regulatory risk and operational costs. The report should be published by September 1, 2015 at reasonable cost and omitting proprietary information.

Supporting Statement:

At minimum, the report should describe potential commitments above and beyond compliance, through which the company could reduce its emissions below 2005 levels by 40% by 2030 and 80% by 2050, and should compare costs and benefits of more aggressive deployment of additional zero-carbon energy generation strategies compared with current commitments and plans. “Zero-carbon” strategies would not generate significant GHGs in the course of meeting energy demands, e.g., solar or wind power, or energy efficiency.