

## **Backgrounder**

The Government of Saskatchewan and Hitachi Ltd. has signed a Memorandum of Understanding (MOU) to collaborate on and support nuclear research and development in areas including nuclear medicine and medical imaging.

The Government of Saskatchewan has also signed an MOU between Innovation Saskatchewan and Hitachi-General Electric Nuclear Energy Ltd (Hitachi-GE), General Electric-Hitachi Nuclear Energy Americas LLC (GEH) and Global Nuclear Fuel – Americas LLC (GNF-A) to collaborate on and support nuclear R&D in nuclear safety, materials science, nuclear fuels and feasibility of small reactor technologies.

## **Hitachi and Saskatchewan**

Hitachi and the Province of Saskatchewan have built a strong and cooperative working relationship over 40 years in the power generation field including work on coal, hydro, natural gas and wind generation technologies. Hitachi has provided generation facilities to Saskatchewan Power Corporation (“SaskPower”). In 1988, Hitachi established Hitachi Canadian Industries Ltd. as a manufacturing base for power generation equipment in Saskatchewan province thereby deepening its relationship with SaskPower and Saskatchewan. In February 2010, SaskPower and Hitachi agreed to collaborate on the advancement and implementation of technology in the fields of low-carbon energy technologies, including Carbon Capture & Storage (CCS). In May 2010, Saskatchewan and Hitachi reached a landmark agreement with the signing of a joint declaration to work together and share information for developing energy and environmental technologies, including CCS for thermal power plants, renewable energy and smart grid technologies. Hitachi is also providing an innovative, first-of-its-kind turbine for SaskPower’s world leading Boundary Dam Integrated Carbon Capture and Storage project.

## **About Innovation Saskatchewan**

Innovation Saskatchewan is a special operating agency established by the Government of Saskatchewan to coordinate the Province’s support for research and development and science and technology. Innovation Saskatchewan works to encourage and facilitate the development and commercialization of new ideas, products and processes with the goal of ensuring the long-term sustainable growth of an innovation-driven economy in Saskatchewan.

## **About Hitachi Ltd.**

Hitachi, Ltd., (NYSE: HIT / TSE: 6501), headquartered in Tokyo, Japan, is a leading global electronics company with approximately 360,000 employees worldwide. Fiscal 2010 (ended March 31, 2011) consolidated revenues totaled 9,315 billion yen (\$112.2 billion). Hitachi will focus more than ever on the Social Innovation Business, which includes information and telecommunication systems, power systems, environmental, industrial and transportation systems, and social and urban systems, as well as the sophisticated materials and key devices that support them. For more information on Hitachi, please visit the company's website at <http://www.hitachi.com>.

### **About Hitachi-GE Nuclear Energy, Ltd**

Hitachi-GE, a joint venture established by Hitachi, Ltd. and General Electric Company in July 2007, as one of the world's leading comprehensive plant manufacturers, engages in the development, planning, design, manufacture, inspection, installation, pre-operation, and maintenance of nuclear reactor-related equipment and is able to execute integrated project management. Hitachi-GE has been involved with 23 reactors in Japan to date, including those currently under construction. Among them, it has participated in all of Japan's Advanced Boiling Water Reactor (ABWR) projects-four ABWRs are already operational and three are under construction. Overseas, it has supplied major nuclear reactor equipment for the Lungmen Nuclear Power Plant in Taiwan.

### **About GE Hitachi Nuclear Energy**

Based in Wilmington, N.C., GE Hitachi Nuclear Energy (GEH) is a world-leading provider of advanced reactors and nuclear services. Established in June 2007, GEH is a global nuclear alliance created by GE and Hitachi to serve the global nuclear industry. The nuclear alliance executes a single, strategic vision to create a broader portfolio of solutions, expanding its capabilities for new reactor and service opportunities. The alliance offers customers around the world the technological leadership required to effectively enhance reactor performance, power output and safety.

### **About Global Nuclear Fuel – Americas, LLC**

GNF is a joint venture of General Electric (NYSE:GE), Toshiba Corporation and Hitachi, Ltd. Global Nuclear Fuel (GNF) is a world-leading supplier of boiling water reactor fuel, including uranium dioxide and MOX fuel and fuel-related engineering services. GNF operates primarily through Global Nuclear Fuel-Americas, LLC in Wilmington, N.C., and Global Nuclear Fuel-Japan Co. Ltd. in Kurihama, Japan.

### **About Hitachi's cooperative relationship with GE in the nuclear power field**

Hitachi and GE established joint venture companies in 2007 to construct, maintain, and provide related services for nuclear power plants in Japan and the United States, and are proactively pursuing international business activities. The Japanese joint venture, Hitachi-GE Nuclear Energy, Ltd., is roughly 80% owned by Hitachi and 20% owned by GE, and in the United States, GE-Hitachi Nuclear Energy is 40% owned by Hitachi and 60% owned by GE. Both companies are utilizing their accumulated know-how and experience to further expand their nuclear power businesses in global markets.