

**FOR IMMEDIATE RELEASE**

**HITACHI POWER SYSTEMS AMERICA, LTD. SIGNS ENHANCED  
ALL-DRY SCRUBBER TECHNOLOGY LICENSE AGREEMENT**

**Hitachi offers total environmental solutions**

BASKING RIDGE, NJ, March 28, 2012 – Hitachi Power Systems America, Ltd., a wholly owned subsidiary of Hitachi America, Ltd., today announced that it has signed a license agreement with Solios Environnement Inc. to design and supply Enhanced All-Dry (EAD) Scrubber technology, jointly developed with Solios Environnement Inc, for the global electric utility market. Financial terms were not disclosed.

The EAD Scrubber technology is the original circulating semi-dry scrubber technology developed by Solios in the 1980s that has been widely applied in industrial sectors. It effectively removes SO<sub>2</sub> as well as SO<sub>3</sub>, HCl, mercury and particulate matter from flue gas. Reactions occur in an entrained-flow, open vertical absorber which is preferred over more complex fluidized bed processes. By separating the reagent humidification and sulfur capture steps, this enhanced system is simple and reliable. Hitachi is applying the EAD Scrubber technology with a modular approach that allows unlimited scrubber capacity, virtually unlimited turndown, and enhanced system layout flexibility. EAD Scrubber technology has the additional advantages of low capital cost, low water consumption and dry byproducts, avoiding costly waste water treatment.

EAD Scrubber technology is expected to play an increasingly important role in multi-pollutant control for coal-fired power plants. The EAD Scrubber technology, together with Hitachi's licensed fabric filter technology, will help utilities meet the new Mercury and Air Toxics (MATS) rule and Cross-State Air Pollution Rule (CSAPR).

Bernard Cloutier, Managing Director of Solios Environnement, Inc. stated, “We are very pleased with this Agreement with Hitachi. The EAD technology has been applied successfully for the last 20 years on various industrial processes, including industrial boilers. This Agreement between Hitachi and Solios will allow further development of the EAD technology and its application in the large power generation market.”

Henry Bartoli, president and CEO of Hitachi Power Systems America, Ltd. stated, “This technology is another great addition to Hitachi’s portfolio of emission control products and services. It allows us to offer complete power generation and pollution control systems with

strong R&D to develop, integrate, and optimize performance and efficiency for power generation facilities.”

**About Hitachi Power Systems America, Ltd.**

Hitachi Power Systems America, Ltd., a wholly owned subsidiary of Hitachi America, Ltd., headquartered in Basking Ridge, New Jersey, is a leading supplier of equipment and services for the power generation market including thermal, nuclear and hydroelectric facilities. Products include advanced pulverized coal boilers, heat recovery steam generators, steam, gas, and hydro turbines and generators, substation equipment, and air quality control systems for new plants and retrofit applications. Hitachi Power Systems America is Hitachi’s Global Center of Excellence for the emissions market including flue gas desulfurization, mercury removal systems, fabric filters, and SCR technology. Services include operation and plant assessment, engineering studies, performance optimization, emissions improvement, equipment replacement and upgrades. For more information, visit us at [www.hitachipowersystems.us](http://www.hitachipowersystems.us).

**About Hitachi America, Ltd.**

Hitachi America, Ltd., a subsidiary of Hitachi, Ltd., headquartered in Tarrytown, New York, and its subsidiary companies, offer a broad range of electronics, power and industrial equipment and services, automotive products and consumer electronics with operations throughout the Americas. For more information, visit [www.hitachi-america.us](http://www.hitachi-america.us). For information on other Hitachi Group companies in the United States, please visit [www.hitachi.us](http://www.hitachi.us).

**About Solios Environnement Inc.**

Solios is a worldwide process air pollution control system supplier focused in the aluminum and minerals industries. Solios has extensive experience in control of acid gas and mercury emissions with the proprietary baghouse-based All-Dry and Enhanced All-Dry scrubbing systems. Solios is a subsidiary of Fives Solios (France) with North American headquarters in Montreal since 1982. For more information about Solios, please contact: Lars Hansen, Sales Director, Minerals: [lars.hansen@fivesgroup.com](mailto:lars.hansen@fivesgroup.com).

###

---

Information contained in this news release is current as of the date of the press announcement, but may be subject to change without prior notice.

---