



Sylvan Source signs contract with EPRI to test the SSI Core™, an advanced water treatment system, at a U.S. power plant.

SAN CARLOS, CA – November 9, 2015 - Sylvan Source, Inc. (SSI) announced that the Electric Power Research Institute (EPRI) is collaborating with SSI to conduct a small pilot test of SSI's advanced water treatment system – the SSI Core.

It is anticipated that the pilot plant will be deployed at a host U.S. electric utility in the first half of 2016. First among several potential tests will be the treatment of cooling tower blowdown waste streams. The results from the pilot plant testing will be published by EPRI.

“Water management issues in our communities are of vital importance and are receiving more attention worldwide as drought conditions and water supplies limitations arise,” said EPRI Project Manager Richard Breckenridge. “Looking at ways to reclaim and reuse water through innovative treatment technologies minimizes overall water use and benefits the public in many ways.”

“EPRI is a world-class organization, and we feel privileged to collaborate with EPRI for this pilot project,” said Laura Demmons, Chairman and CEO of SSI. “We are also pleased to be moving in to the deployment phase with the SSI Core system.”

The SSI Core advanced water treatment system is expected to provide substantial capital and operating cost savings to industrial customers around the world. Independent benchmarks indicate that for a wide range of power generation plant waste streams, and without tapping into the benefits of utilizing recoverable energy or “waste heat,” the SSI Core system will provide the following performance:

- 50% or less of the capital costs of comparable conventional technologies; and
- 50% of the operating expenses of comparable conventional technologies.

The SSI Core system technology is covered by multiple patents granted and pending which are owned by SSI and filed in several countries and regions around the world.

About Sylvan Source®

Sylvan Source, Inc. develops novel industrial and municipal water treatment and thermal energy capture, transfer, release and storage systems. The company's technology platforms are applicable to a broad range of industrial processing and thermal energy management applications, as well as markets with complicated or challenging water treatment opportunities. SSI's technologies incorporate fundamental cost structure advantages with significant energy and process efficiency gains.

The company currently has a water treatment pilot plant operating in San Carlos, California that has successfully treated a wide range of waters with significant levels of contamination, including seawater and highly concentrated seawater, FGD scrubber waste streams from a coal-fired power plant, chemical waste streams from boiler cleanup operations, produced water and hydraulic fracturing flow-back water from oil and gas operations and agricultural run-off from a municipality.

SSI has been recognized as both a Red Herring Top 100 North American Private Company and a Red Herring Top 100 Global Company, received Frost and Sullivan's Product Innovation Award, and was selected as the Technology Idol winner at the 2012 Global Water Summit in Rome.

SSI is headquartered in San Carlos, California and is privately held. For more information, please visit www.sylvansource.com.