



PROJECT STATUS REPORT FORM

Project Number: PGT-06-12 Site visit of Energy Conservation and Environment Protection Technology—Application of Plasma Ignition Technology in Power Generation	Task Force: Power Generation & Transmission Task Force
Title of Project: Application of Plasma Ignition Technology in Power Generation	
Lead Partner Country: China	
Participating Partner Countries and Organizations: All	
Project Location (Country, State/Province, City): China\USA\all the participating countries	
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Project Start Date: November 2006	Date of Project Status Update: October 2009
Actions Since Last Update: The most recent site visit by the team of Research and Development Solutions, LLC (RDS) and Worley Parsons Group, Inc. visited China to evaluate China Guodian's plasma igniter technology for application in the United States. The result of the site visit was the draft report titled "Evaluation of Plasma Ignition Technology for Use in United States Coal Fired Power Plants" June 2008 prepared as an evaluation of the technical and economic performance of the plasma igniter.	



Deliverables Since Last Update:	
Date Completed:	
Milestones Reached:	
Next Steps: Finalize the draft report "Evaluation of Plasma Ignition Technology for Use in United States Coal Fired Power Plants."	
Proposed Project End Date: TBD	Project Already Complete: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>Other Information: China Guodian has developed a plasma igniter technology to reduce/eliminate fuel oil consumption in existing and new coal-fired power plants, thereby reducing operating costs and eliminating construction of oil storage tanks and piping at new plants. The technology's projected performance and costs will be assessed for U.S. coal-fired power plants using a variety of coals.</p> <p>The plasma igniter has been installed in more than 400 (both retrofit and new) Chinese coal-fired units, this technology, and its efficiency, is largely not known outside of China.</p> <p>The site visit evaluated China Guodian's plasma igniter technology for application in the United States; a draft report has been prepared as an evaluation of the technical and economic performance of the plasma igniter, especially a comparison of the plasma igniter technology and conventional ignition technology.</p>	

Please attach any supplemental project information to this form.