



Carbon Capture Project Construction Overview

ALSTOM

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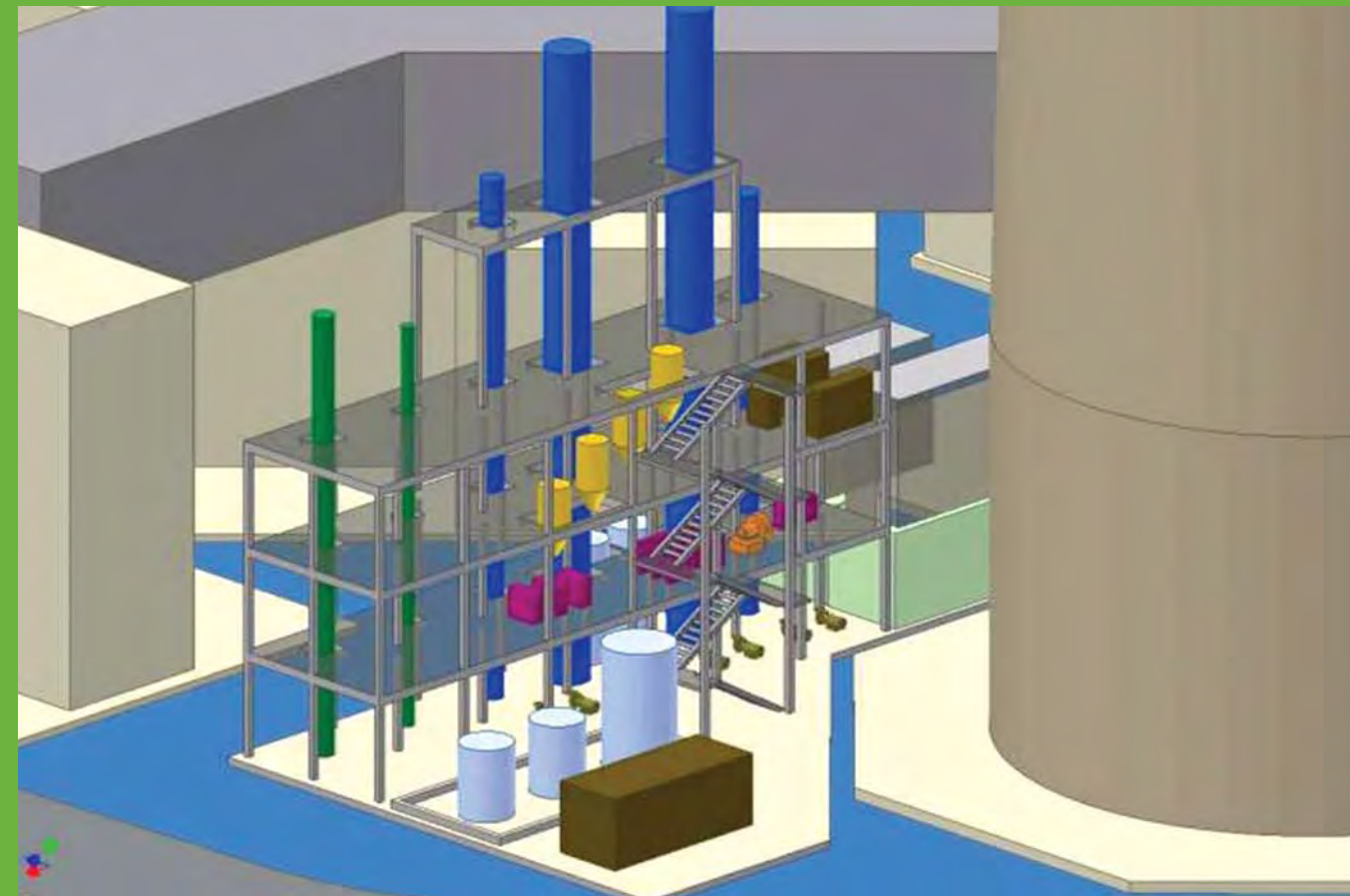
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1



AUG. 2007 Steelwork began on the equipment support structure. The first phase of steelwork was installed on a newly constructed concrete pad.

2



SEPT. 2007 Construction progressed on the open-concept pilot structure. (Structure, 20' wide x 74' long, houses chilling and other process equipment for capturing carbon dioxide gas.)

3



OCT. 2007 Process vessels (83' tall) were assembled outside the equipment support structure.

4



NOV. 2007 Flue gas supply-and-return piping was connected between the Flue Gas Desulfurization Scrubber on the Pleasant Prairie Power Plant stack and the chilled ammonia carbon capture process equipment.

5



DEC. 2007 Chiller system and heat exchanger cooling towers were installed in the equipment support structure.

6



DEC. 2007 System readiness work commenced as portions of the project moved to the system-commissioning and start-up phases of the construction process.

7



JAN. 2008 Wind and precipitation isolation sheeting was put up to help protect workers from the winter weather.

8



FEB. 2008 System readiness activities were finalized. Start-up phases of the carbon capture project near completion.

Anticipated Project Outcomes

The use of this new technology has the potential to dramatically reduce the cost of removing CO₂ from pulverized coal (PC) power plants. Almost all current analyses show a PC plant with carbon capture sequestration (CCS) is less expensive than an integrated gasification combined cycle (IGCC) plant with CCS.