

**EMISSIONS DATA FILED FOR
 SUPERCritical PULVERIZED COAL (SCPC)
 AND INTERGRATED GASIFICATION COMBINED CYCLE
 (IGCC)
 POWER PLANTS**

**Emissions Data Filed for
 Air Pollution Control Operation Permit
 (600 mWe plant, tons per year)**

	SCPC	IGCC	IGCC Reduction	% Reduction
CO	3,169	564	(2,605)	-82%
NO_x	1,859	1,396	(463)	-25%
SO₂	3,961	1,117	(2,844)	-72%
Hg	0.03	0.01	(0.02)	-67%
PM₁₀	475	199	(276)	-58%

Source: Wisconsin Department of Natural Resources, Permit 03-RV-166

Gasification Technologies Council

(Source: "Gasification: The Enabling Technology", presented by James Childress, Executive Director, Gasification Technologies Council, presented at PowerGen International, MegaSession, Integrated Gasification Combined Cycle, December 8, 2005, page 10)