

# COMMERCIAL SCALE MERCURY REMOVAL FOR COAL GASIFICATION PLANT



EASTMAN GASIFICATION SERVICES COMPANY

## Vapor-Phase Mercury Removal

>94% Removal



### Demonstrated for 21 years at Eastman !

The cost of volatile mercury removal by IGCC is estimated to be < \$0.25/MWh, almost an order of magnitude lower than for PC technologies using activated carbon, according to a 2002 DOE report by Parsons (DOE Report, "The Cost of Mercury Removal in an IGCC Plant", September, 2002).

**EASTMAN**

(Source: "Coal Gasification – When Does It Make Sense?" Presented at Power-Gen Int'l 2005 Las Vegas, NV by Bill Trapp – Eastman Gasification Services Manager, page 7)