

SCGP-1 Gasification Performance

	Carbon Conversion	CGE (%HHV)
Illinois #5	99.7	81.6
Maple Creek	98.7	76.0
Drayton	99.6	79.3
Buckskin	99.7	78.0
Blacksville #2	99.7	80.5
Pyro #9	99.9	78.3
Sufco	99.9	81.0
Texas Lignite	99.4	80.3
Pike County (washed)	99.9	80.9
Pike County (ROM)	99.9	83.0
Dotiki	99.9	80.1
Newlands	99.7	80.3
El Cerrejon	99.6	83.4
Skyline	99.9	82.4
Robinson Creek	99.7	82.2
R&F	99.5	79.6
Pocahontas #3	99.3	82.4
Petroleum Coke	99.5	78.9

$$CGE = \frac{\text{HHV of sweet gas}}{\text{HHV of coal feed}}$$

(Source: Presentation by Shell Global Solutions, "Shell Coal Gasification Process Using Low Rank Coal", by P.L. Zuideveld, at Gasification Technologies Conference, San Francisco, CA, October, 2005, page 4.)