

Gasification Technologies

Circulating Fluidized Bed (CFB)

BGL (British Gas Lurgi)

 **Reference List**

Client	Plant Location	Solids Capacity t/h	Syngas Data		Technology	Feedstock	Start-up
			Flow Nm ³ /h	Pressure bar			
RWE-essent	Amercentrale, Geertruidenberg The Netherlands	21	50,000	1.1	CFB	Demolition Wood	2000
CEMEX	Ruedersdorf Germany	25	50,000	1.1	CFB	Secondary Fuels	1996
Jindal Steel & Power	Barbil / Orissa India	23	49,500	1.1	CFB	High Ash Indian Coal	2011
Zellstoff Poels	Poels Austria	16	14,500	1.1	CFB	Bark, Sludge, Paper rejects	1986

Client	Plant Location	Solids Capacity t/h	Syngas Data		Technology	Feedstock	Start-up
			Flow Nm ³ /h	Pressure bar			
SVZ Schwarze Pumpe	Schwarze Pumpe Germany	35	35,000	25	BGL	Hard Coal, Lignite, RdF	2000
Yuntianhua	Hulunbeier / Inner Mongolia PR China	130	119,000 (CO & H ₂)	40	BGL (3 lines)	Lignite	2012
Yituo	Luoyang / Henan Province PR China	30	43,000	40	BGL (1+1 lines)	Hard Coal	2013
Shriram EPC	Paradeep / Orissa India	66	75,000	32	BGL	Hard Coal	on hold
China National Coal	Ordos Tuke / Inner Mongolia PR China	210	295,000	40	BGL (5+2 lines)	Bituminous Coal	2013
Technische Universität Bergakademie Freiberg	Freiberg Germany	1,4	2,300	40	BGL	Lignite and others (Pilot Plant and Test Facility)	2014