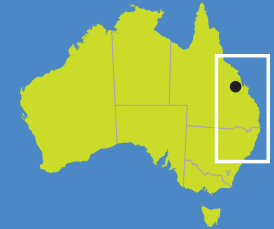


Goonyella system



The Goonyella system is located in Central Queensland and currently services 21 mines in the Bowen Basin. It is a fully-electrified line, stretching from Gregory Mine in the south, north to North Goonyella Mine and west to Blair Athol Mine, and is serviced by Coppabella Station, 142km southwest of Mackay, and Jilalan Station and Fleet Depot, 3km south of Sarina. QRNational Coal transports thermal and coking coal to the Port of Hay Point, 38 kilometres south of Mackay, which is comprised of the Dalrymple Bay and Hay Point Services coal terminals. During the 2007–08 financial year QRNational Coal delivered 82 million tonnes of coal for Goonyella system mines. This was below system capability and was due to a number of factors, including port expansion works and wet weather in early 2008 which severely impacted mine production.



Major projects

Jilalan Yard Upgrade

The Jilalan Station and Fleet Depot is undergoing a \$500 million yard upgrade which, when combined with progressive rollingstock increases will increase system capacity to 130mtpa by December 2009.

Rollingstock

Forty-five new 3800-class electric locomotives are being built in Munich, Germany, by Siemens at a cost of \$370 million. The first 20 will enter service by December 2008, with the remaining 25 to be delivered between July 2009 and August 2010.

Sixty-three 3100 and 3200-class electric locomotives are to be reconfigured to become the more powerful 3700-class. Thirteen of these are already in service, with 50 more to be completed by 2011.

QRNational Coal has also invested heavily in wagons, with 1700 scheduled for delivery by December 2009 at a cost of \$374 million. Half of these will enter the Goonyella rail system.

Fast facts

Fleet	24 trains
Locos	2 x 3800-class AC electric locomotives 14 x 3700-class AC traction electric locomotives 11 x 3600-class DC electric locomotives 6 x 3551-class DC electric locomotives 13 x 3500-class DC electric locomotives 14 X 3400-class DC electric locomotives 7 X 3300-class DC electric locomotives 49 x 3200-class DC electric locomotives 20 x 3100-class DC electric locomotives
Wagons	748 x 90-tonne capacity quick-drop bottom-dump wagons 2312 x 106-tonne capacity quick-drop bottom-dump wagons
Average train	5 x 3100 – 3600-class locomotives + 100 x 106-tonne wagons + 21 x 90-tonne wagons, 3 x 3700-class locomotives + 90 x 106-tonne wagons + 30 x 90-tonne wagons
Standard payload	9,600 tonnes
Services	Up to 34 trains per day



Contracted mines Goonyella system

Contracted mine (loadout)	Haul (km)	Customers	Terminal/s
South Walker Creek	136	BHP Billiton Mitsubishi Alliance (BMA)	DBCT/HPCT
Coppabella	140	Macarthur Coal Ltd	DBCT
Moorvale	155	Macarthur Coal Ltd	DBCT
Carborough Downs	161	Vale Australia Pty Ltd	DBCT
Millenium	162	Peabody Pacific Pty Ltd	DBCT
Poitrel (Millenium)	164	BHP Billiton Mitsubishi Alliance (BMA)	HPCT
Burton	168	Peabody Pacific Pty Ltd	DBCT
Isaac Plains	172	Bowen Central Coal Pty Ltd	DBCT
Hail Creek	175	Rio Tinto Coal Australia Pty Ltd	DBCT
Peak Downs	191	BHP Billiton Mitsubishi Alliance (BMA)	DBCT/HPCT
Moranbah North	193	Anglo Coal Pty Ltd	DBCT
Goonyella	197	BHP Billiton Mitsubishi Alliance (BMA)	DBCT/HPCT
Riverside	202	BHP Billiton Mitsubishi Alliance (BMA)	DBCT/HPCT
Saraji	211	BHP Billiton Mitsubishi Alliance (BMA)	HPCT/DBCT
North Goonyella	214	Peabody Pacific Pty Ltd	DBCT
Norwich Park	256	BHP Billiton Mitsubishi Alliance (BMA)	DBCT/HPCT
German Creek	276	Anglo Coal Pty Ltd	DBCT
Foxleigh (German Creek)	276	Anglo Coal Pty Ltd	DBCT
Blair Athol	278	Rio Tinto Coal Australia Pty Ltd	DBCT
Oaky Creek	294	Xstrata Coal Queensland Pty Ltd	DBCT
Goonyella coal rail system mines ralling north via North Coast Line			
Coppabella	361	Macarthur Coal Ltd	APCT
Moorvale	378	Macarthur Coal Ltd	APCT
Goonyella coal rail system mines ralling south			
German Creek	401	Anglo Coal Pty Ltd Pty Ltd	RGCT
Oaky Creek	389	Xstrata Coal Queensland Pty Ltd	BPCT/RGCT



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