



Client: Total Coal SA

Site/Location: Kriel, Mpumalanga

Project Period: January 2009 – September 2011

Project Description:

RSV ENCO was appointed to complete a pre-feasibility study of the exploitation of the Dorstfontein No. 4 seam resource and a feasibility study on the East Mine on coal seams No. 2, 3, 4 and 5. RSV ENCO was subsequently awarded the EPCM execution of the Dorstfontein East Mine.

The Project Scope Included:

- Detailed mine scheduling for opencast and underground
- Compiling of PFD's for bulk water supply, water reticulation on surface and underground coal flow, SLD for bulk power supply and reticulation
- A detailed design of the shaft office complex
- Design of mine access (box cut) and all surface and underground conveyors plus a discard dump
- Design of the coal process plant, product stockpile and product dispatch by railway from the mine to Richards Bay

Services Provided:

- Project management
- Detailed mine scheduling
- Box cut access design
- Ventilation design
- Mechanical, electrical and civil design
- Process plant design
- Discard dump design (tailings dam)
- Drafting services
- Quantity surveying services

Progress Report:

Final commissioning is currently in progress.