



# Haramain High-Speed Line

## RAILWAY ELECTRIFICATION PROJECT

The Haramain High-Speed Line is Saudi Arabia's first high-speed inter-city line connecting Makkah to Madinah via Jeddah, King Abdulaziz International Airport, King Abdullah Economic City.

The Haramain Express train is expected to travel the new 450 km long railway network in 2 h 52 min and achieve speeds of more than 300 km/h.

The Saudi Railways Organisation (SRO) has awarded the contract to the Spanish-Saudi consortium Al-Shoula to equip, operate and maintain for 12 years the 450km Haramain High-Speed Line

### Technical characteristics:

SDCEM provided disconnecter switches for the line's catenaries and substations to the Al-Shoula Consortium between 2015 and 2017.

Our equipment is design to suit to the environmental constraints such as Saudi Arabia's extremely sandy and warm environment.

SDCEM's scope of supply :

### Substations:

- 3 Single pole Side Break Disconnectors SR16203N
- 108 Double poles Side Break Disconnectors SR16203N
- 111 Electrical Universal Smart Drives MR41E



### Catenaries:

- 10 Single pole Vertical Break Disconnectors SBE
- 338 Rocking Disconnectors SBR
- 348 Electrical Universal Smart Drives MR41E

### Key data

Location	Saudi Arabia
Industry	Railway Electrification
Project status	Inaugurated on December, 31 2017
Network Voltage	25 kV
Rated voltage	52 kV
Owner	Saudi Railways Organisation (SRO)
Operator	Al-Shoula Consortium (OHL, Cobra, Inabensa)
Delivery date	2015 - 2017

