



JAIPUR METRO

Introduction

- The Jaipur Metro (Hindi: जयपुर मेट्रो) is a rapid transit system in the city of Jaipur, Rajasthan, India.[6] Construction on the mostly elevated part of the first line, called Phase 1A, comprising 9.63 kilometres (5.98 mi) of route from Mansarovar to Chandpole Bazaar,[1] started in November 2010,[7] and was completed in 2014. The Jaipur Metro began commercial service between Chandpole and Mansarovar on 3 June 2015.[5] The Jaipur Metro Rail system is India's sixth metro rail system after those in Kolkata, Delhi, Bangalore, Gurugram and Mumbai. The Jaipur Metro is the first metro in India to run on triple-storey elevated road and metro track. Phase 1-B, from Chandpole to Badi Chaupar, began operation on 23 September 2020.[8][9]

Map



History

Background

With the rapid industrialization and commercial development of Jaipur, teamed with a growing population, the transport infrastructure of the city was found to be overburdened. As a result, the government mulled over establishment of Jaipur Metro on the lines of Delhi Metro which had proved to be a great success.

JMRC Ltd.

The Jaipur Metro Rail Corporation Ltd., abbreviated to JMRC, is a state-owned company[10] that operates the Jaipur Metro. The Jaipur Metro Rail Corporation Ltd. Was created on 1 January 2010 BY MR AJAY GHOSH serving as the MANAGING DIRECTOR.[11] Among the Rapid Transit systems of India, it has been recorded fastest to conduct of trial run after starting construction, when it commenced trial runs in Jaipur on 18 September 2013 flagged off by the then Chief Minister of Rajasthan Shri Ashok Gehlot.

Construction

Physical construction work on the Jaipur Metro started on 24 February 2011.[1] JMRC consulted the DMRC on rapid transit operation and construction techniques.

The first line of the Jaipur Metro was opened to public by Vasundhara Raje, the Chief Minister of Rajasthan, on 3 June 2015,[12] and thus, it became the sixth rapid transit system in India. Phase 1-B of the project started operating on 23 September 2020.[8][9]

Network

The Jaipur Metro is being built in 2 phases. Phase I consists of the Pink Line[1] and Phase II consists of the Orange Line. Currently[when?], the Orange Line is under construction. The implementation of Phase 1A of the project (Mansarovar to Chandpole having the length of about 9.63 km) including the civil works, permanent way, depot and traction and power supply, etc. Was being managed by DMRC.[13][14] Phase I-A completed 9 stations and 9.63 kilometres (5.98 mi) of route length,[1] of which 0.95 kilometres (0.59 mi) is underground and 9.13 kilometres (5.67 mi) is elevated.

The remainder of the first line, Phase I-B [2.34 kilometres (1.45 mi), 2 stations], got completed by 23 September 2020.[15] Phase II (23.099 kilometres (14.353 mi), 20 stations)[15] is planned to be completed by 2021.[citation needed] With the completion of Phases I and II, the network will span 35.078 kilometres (21.796 mi) and 31 stations.[15]

