

# Data Center Ambattur



## Site Specs

**Each floor plate**

40,000 sq. ft. per floor

**Planned data center build**

200,000 sq. ft. (data center space)

**Total building space**

280,000 sq. ft.

**Floor loading capacity**

1500 Kg/sq m

**Slab to slab height**

5.0 meters

**Clear height**

3.6 meters

**False floor**

800 mm

**Rack space**

1,200 standard racks per floor  
and a total of four floors

**Rack power**

6 KVA average power per rack

## Electrical Specs

**110 KV substation**

**5000 KVA power**

Day 1 and scalable up to 30,000 KVA

**Transformers**

4 x 2500 KVA in Phase 1 and 7 x 2500 KVA final phase of the expansion working in N+1 mode

**DG**

2 X 2500 KVA in Phase 1 and scale up in terms of N+1 in the final phase of expansion to cater 30,000 KVA power for the building

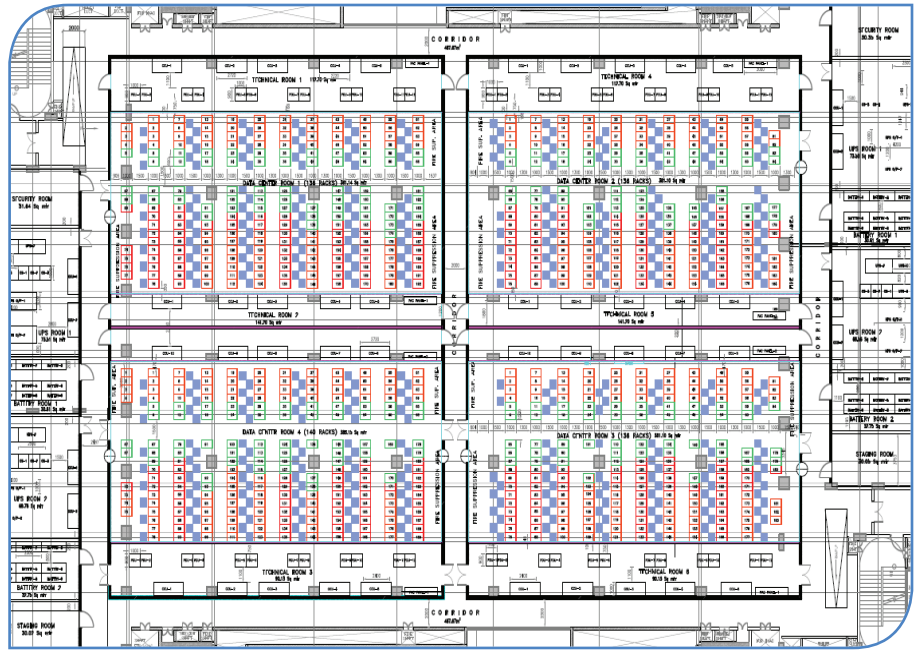
**Service lift**

Loading capacity 3000 Kg, 3.3 M x 2.4 M x 2.0 M (D x H x W)

**Passenger lift - 2 No**

**Chillers**

3 x 1050 TR in Phase 1 and expanded up to 7 x 1050 TR as ultimate capacity for N+1 configuration



## Network and Local Carriers

- Dual fiber duct available from road to building
- Fiber available along the main road from local carriers, the same to be extended to MMR area, proposed at the ground floor of the building
- MAN network available from Tata Communications in dual ring architecture
- Fiber network available from Tata Tele
- Dual diverse data duct available from MMR to each data center server hall

For more information, please email:  
[mysolutions@tatacommunications.com](mailto:mysolutions@tatacommunications.com)

### About Tata Communications

Tata Communications is a leading global provider of a new world of communications. With a leadership position in emerging markets, Tata Communications leverages its advanced solutions capabilities and domain expertise across its global and pan-India network to deliver managed solutions to multi-national enterprises, service providers and Indian consumers.

The Tata Global Network includes one of the most advanced and largest submarine cable networks, a Tier-1 IP network, with connectivity to more than 200 countries across 400 PoPs, and nearly 1 million square feet of data center and colocation space worldwide.

© 2011 Tata Communications Ltd. All Rights Reserved. Tata Communications and the Tata logo are trademarks or registered trademarks of Tata Sons, Ltd. in the United States and certain other countries. All other trademarks mentioned in this document are the property of their respective owners. Mechanical and Electrical specifications for the fitout of the data center above are indicative, and based on TCL's current plans for the Ambattur facility.

Tata Communications' depth and breadth of reach in emerging markets includes leadership in Indian enterprise data services, leadership in global international voice, and strategic investments in operators in South Africa (Neotel), Sri Lanka (Tata Communications Lanka Limited) and Nepal (United Telecom Limited).

Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India and its ADRs are listed on the New York Stock Exchange. (NYSE: TCL)