ST Telemedia
Global Data Centres

STT Chennai
DC2 Factsheet

STT Chennai DC 2 is India's largest Data Center in production environment with Design capacity of more than 20MW of IT load, situated at Ambattur, Chennai. It is a Rated 3 and LEED Gold certified facility and hosts some of world's leading cloud players.

Building Overview

- Operational since 2010
- Location: Ambattur, Chennai

- Gross Area: ~4,00,000 sq. ft.
- Total Power Capacity: 45 MW of IT load
- Customer SLA for availability: up to 99.982
- Slab-to-slab Height: 5 m
- Floor Loading: 1500 Kg/m2

- Loading Bay: 2 No.
- Staging Room: 1 No.
- Passenger Lift: 1360 Kg. 3 Nos
- Freight Lift: 3000 Kg - 1 Nos
- Located in close proximity to an ISP network POP

Other features & Certifications

- TIA-942 compliant (Rated 3)
- TL 9000
- ISO 14001
- ISO 20000

- ISO 27001
- PCI DSS
- SOC1 (ISAE 3402 / SSAE 18) Type2
- LEED Gold Certified

Security

- 6 layers 24/7 security system
- State-of-the-art fire protection & suppression system (Inert Gas/Novec based suppression system)
- High-level physical security, biometric access management
- Carrier Neutral, Multiple fiber pass, all leading network service providers onsite

Cooling

- CRAC: CRAC/PAHU
- Chiller: Water/Air Cooled
- Water Storage: 2.7 Million liters
- Chilled Water Distribution: N + N

Power

- Dedicated 110 KV supply feed for continuous power
- More than 60 % of power usage through green power (Wind & Solar)
- Onsite 250 KW solar power generation
- N+1 generator system
- UPS: N+N
- UPS Power Distribution: N + N
- Fuel Distribution 30 hours at full load

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