DLF

Cybercity

CHENNAI 3.0

LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN

LEED

PLATINUM

®

LEED PLATINUM CERTIFIED

HIGHEST CERTIFICATION IN SUSTAINABILITY

THANK YOU FOR SUPPORTING US IN THE JOURNEY TOWARDS EXCELLENCE IN SUSTAINABILITY

SUSTAINABILITY: THE NEED OF THE HOUR

ACHIEVING THE HIGHEST STANDARDS FOR THE ENVIRONMENT

The current environmental scenario has led to endeavours that focus on judicious utilization of resources with a work ecosystem that revolves around its people and taps into newer and renewable energy sources.

DLF feels proud to be a pioneer in this field and has been certified with LEED Platinum by U.S. Green Building Council for DLF Cybercity Chennai, which is the highest level of LEED rating for sustainable efforts in the field of real estate and infrastructure.

WHAT LEED IS ALL ABOUT

The United States Green Building Council (USGBC) is a private non-profit organization, that promotes sustainability in building designs, constructions and operations with 5000+ members.

LEED is the top third-party verification system for sustainable structures around the world. It tests a building on the following parameters with points awarded for each.

There are 4 levels of rating, and a total of 80 points or more, makes a building eligible for the highest rating i.e. LEED Platinum.

+ 80 POINTS
Platinum

+ 60 POINTS
Gold

+ 50 POINTS
Silver

+ 40 POINTS
Certified

LEED CERTIFICATION RATING SYSTEM

TOTAL - 110 POINTS

Points	Parameter
26 POINTS	SUSTAINABLE SITE
14 POINTS	WATER EFFICIENCY
35 POINTS	ENERGY & ATMOSPHERE
10 POINTS	MATERIAL & RESOURCES
15 POINTS	INDOOR ENVIRONMENT QUALITY
6 POINTS	INNOVATION IN OPERATION
4 POINTS	REGIONAL PRIORITY CREDITS

LEED CERTIFICATION CREDITS

WE ARE PROUD TO ANNOUNCE THAT 9 OFFICE BUILDINGS IN DLF CYBERCITY CHENNAI WITH AN AREA OF 5.67 MILLION SQ. FT. ARE LEED PLATINUM CERTIFIED.

GREEN BUILDING CERTIFICATION INC.

Founded in 2008, this organization independently recognizes excellence in green business industry performance and practice around the world. Within the framework of LEED, it administers project certifications, professional credentials and certificates. The Indian chapter is headquartered in Noida and supports on-ground stakeholders, customers, consultants, etc. for India, Asia Pacific and Middle East.

GETTING THERE AND WHAT IT TAKES
OUR JOURNEY TO LEED PLATINUM CERTIFICATION

For a sustainable ecosystem to thrive, optimal management with maintenance of resources and energy are a must.

WATER RESOURCE MANAGEMENT: CONSERVING EVERY DROP

DLF Cybercity Chennai has in place an array of systems that enables efficient management of this vital resource through smart recycling and restoring.

RAIN WATER HARVESTING

Recharging borewell system used in the campus, collects rainwater from the terrace and surface areas. This water is then transported to trenches along the building's periphery. These trenches are connected with rainwater harvest pits, where water is filtered naturally with pebbles, sand, etc. and is then transferred into the borewell pit, thereby replenishing the groundwater table.

AHU CONDENSATE WATER COLLECTION

This enables water collection from condensation in AHUs and stores it into tanks via a condensation line. Operational in 10 Blocks, this system has collected a significant 13,049 kl of water over a period of 9 months, from April 2018 to December 2018, averaging 80 kl of water per day.

NOTHING GOES WASTE
RESTORING AND RECYCLING TO REPLENISH

DLF Cybercity Chennai implements practices that help to minimize waste at macro and micro levels by employing a smart waste disposal system thus, providing scope for reuse and recycling.

SOLID WASTE MANAGEMENT

Our organic waste converter recycles 100% of food and wet garbage into manure which reduces our landfill contribution. Our zero-discharge sewage treatment plant treats both solid and fluid wastes to produce effluents and sludge, that are environmentally safe for disposal or reusable as fertilisers and the treated water is being utilized for horticulture, flushing and in cooling towers.

CHILLER OPTIMISATION

Blocks 5&7 at DLF Cybercity Chennai have been installed with an optimization system wherein the air conditioning from the central chiller plant is being utilized in place of stand-alone air-cooled electrical chillers, which has resulted in 55% reduction in energy consumption.

AERATORS FOR TAP

In all common washrooms, aerators have replaced wash basin tap outlets to prevent water wastage. Their effectiveness has led to installation in 70% of client areas.

LEDs FOR ILLUMINATION

In all common areas DLF has achieved 100% LED lighting and managed to save 77,000 units of electricity per month.

CLEAN ENERGY, HIGH EFFICIENCY
FOR A BETTER ENVIRONMENT

DLF Cybercity Chennai makes the most of what Chennai has to offer with initiatives that successfully utilize two of the most readily available renewable sources of energy i.e. the wind and the sun.
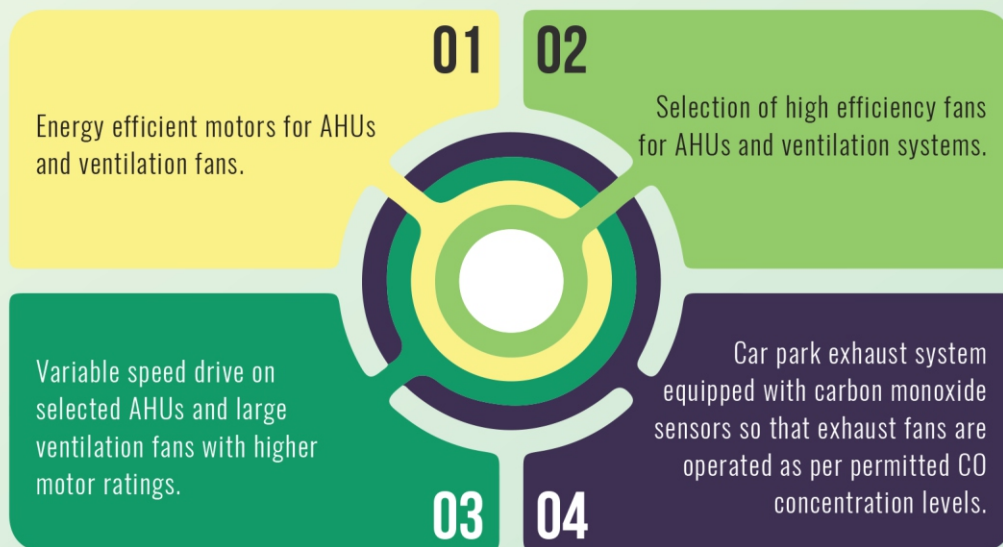
1. 55% of energy requirements at DLF Cybercity Chennai is met by a green energy source (wind power).

2. Solar power units have been installed at blocks - 1C, 2, 3, 8 &10 with a total capacity of 556.8 kw, thus fulfilling 2.5% of energy requirements.

Siemen's 110 kv gas insulated sub-station in our campus is the first of its kind in Tamil Nadu. This sub-station uses up to 90% less space as compared to conventional sub-stations.

Our punch windows are only 30% exposed and the rest are covered with structural wall, so that the heat transferred to the building is less compared to a full curtain wall system, while providing natural ventilation along the perimeter.

WHAT SUSTAINABILITY IS MADE OF

At DLF Cybercity Chennai, we painstakingly ensure that the equipment we employ is best in class and compliant to the prescribed safety standards so that efficiency is not compromised at any level.

01 Energy efficient motors for AHUs and ventilation fans.

02 Selection of high efficiency fans for AHUs and ventilation systems.

03 Variable speed drive on selected AHUs and large ventilation fans with higher motor ratings.

04 Car park exhaust system equipped with carbon monoxide sensors so that exhaust fans are operated as per permitted CO concentration levels.

A SUSTAINABLE SITE,
LEVERAGING THE LOCATION

DLF Cybercity Chennai benefits from Chennai Metro Rail's feeder service, which operates between Alandur Metro Station and the campus. This service connects major IT companies and shopping malls to the campus and operates between 6:30 a.m. to 9:30 p.m. An app-based shuttle service, with electronic tracking and payment system, started by NTL from Guindy and Porur to DLF IT Park is a cost-effective alternative. A bicycle zone has been created in the campus to encourage a pollution-free mode of transportation.

A people-oriented approach aims for a better environment and with projects such as DLF Cybercity Chennai, life is expected to be all that one desires and hopes for.