

SOMERSET GREENWAYS CHENNAI

Chennai, India | Final EDGE Certification | December 2020

Developer: Ascott Limited | EDGE Auditor: Mahesh Kumar Manisamy



Somerset Greenways is a serviced residence in Chennai. Ideally located on Sathyadev Avenue, the residence is a 10-minute drive from Chennai's main central business district and a 45-minute drive from Anna International Airport. The property has been retrofitted to improve its resource efficiency and to appeal to guests who are committed to a sustainable lifestyle. LED lighting, external shading devices and an energy-efficient cooling system reduce the building's energy use, while low-flow plumbing fixtures and a grey water treatment and recycling system reduce the building's water use. To further reduce the environmental impact of the project, the retrofit included the reuse of existing floor slab and walls.

The Ascott Limited (Ascott) is a Singapore company that has grown to be one of the leading international lodging owner-operators. As a leader in the sector, the Ascott Limited believes it is their responsibility to do their part to reduce the environmental impact of its operations. Somerset Greenways Chennai has received EDGE Advanced certification from GBCI.

Size
21,060 m²



42% ENERGY SAVINGS

Reduced window-to-wall ratio, external shading devices, higher thermal performance glass, air conditioning with a water cooled chiller, variable speed drive pumps and fans of cooling towers, a heat pump for hot water generation, energy-saving lighting in internal and external spaces and smart meters for electrical energy.

Certified Units
187



55% WATER SAVINGS

Low-flow showerheads and faucets for kitchen sinks and washbasins, efficient-flush water closets, aerators for faucets and auto shut-off faucets in bathrooms, water efficient kitchen faucets and grey water treatment and recycling system.

People Impacted
274



99% LESS EMBODIED ENERGY IN MATERIALS

Re-use of existing floor slab, roof, flooring, window frames and internal and external walls.

CO₂ Savings
1,050.7
tCO₂/Year



EDGE, an innovation of International Finance Corporation (IFC), is a green building certification system focused on making buildings more resource-efficient. It empowers developers to quickly identify the most cost-effective ways to reduce their building's energy use, water use and embodied energy in materials. Green Business Certification Inc. (GBCI) administers EDGE certification in most countries around the world. Learn more at edge.gbci.org.