

First on Earth The 'First on Earth' with a 'LEED Platinum' certification for all our existing & newly built Luxury Hotels & Hotel's Headquarter.

Green Hospitality

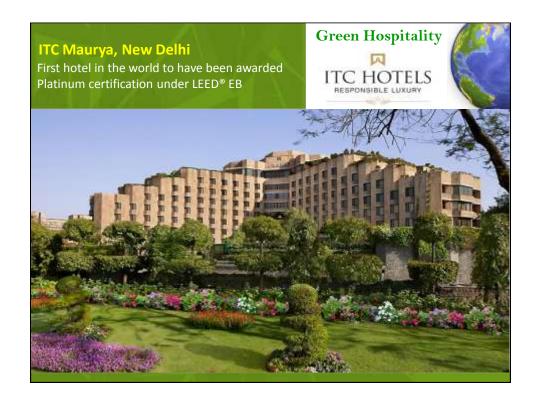
- ITC Green Centre 💠
 - ITC Sonar
- ITC Maurya
- ITC Windsor
- 1101111111111
- ITC Gardenia
- ITC Maratha
- ITC Kakatiya
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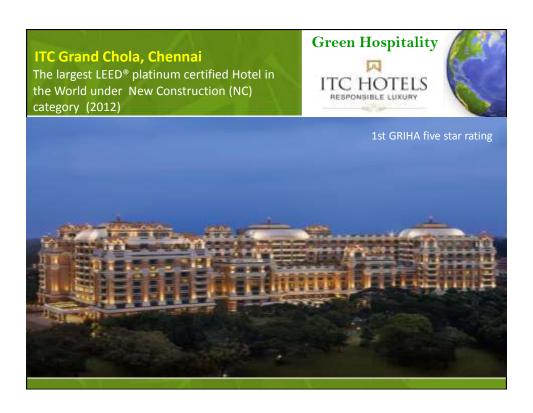
ITC Mughal

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- ITC Grand Central
- ❖ ITC Grand Chola
- ❖ ITC Rajputana
- My Fortune Bengaluru

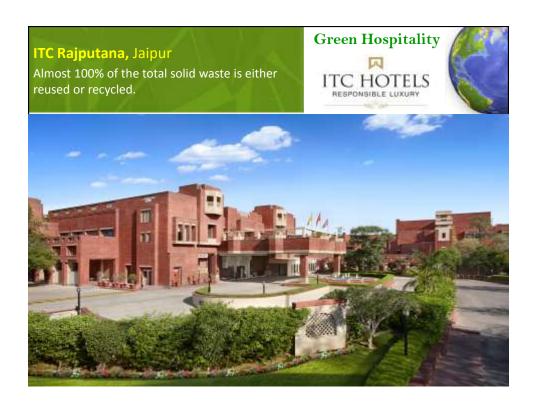














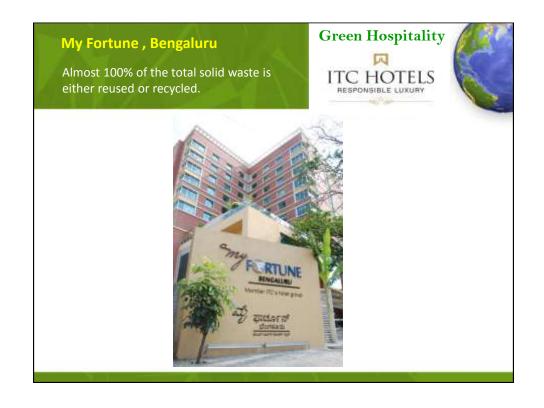












ITC Hotels : Green Features

Energy Efficiency







Some Energy Saving initiatives:

- ☐ Chiller Plant Optimizer
- ☐ Renewable Energy

☐ Heat-Pump System

- ☐ LED Lighting
- ☐ Solar based Hot water & Steam System
- BMS and DVS System
- Chiller Plant Optimizer: Dedicated Chiller plant / Online Energy Manager system (OEM) for optimum and efficient operation of chiller, pumps and cooling tower
- o Heat Pumps: Generation of hot water and chilled water by heat pump technology
- Solar Energy: Usage of Solar Thermal (paraboloid system) for hot water and lowpressure steam in many hotels.
- ITC Maratha , ITC Windsor, ITC Gardenia, ITC Rajputana & ITC Grand Chola: 100%
 Electrical Energy demand met through renewable energy Offsite self owned Wind Turbine Generators.

ITC Hotels : Green Features Energy Efficiency

Green Hospitality ITC HOTELS

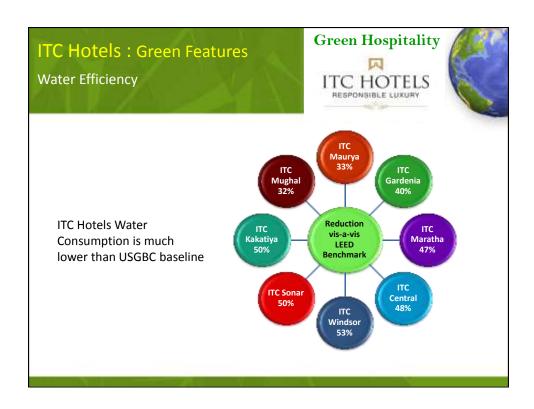
RESPONSIBLE LUXURY



- Energy efficient lighting (LED Lights for energy efficiency and Zero mercury content) and light pollution reduction in all hotels.
- All hotels have a network based building management system to monitor and control the HVAC (Heating, Ventilation & Air Conditioning), Lighting, Sub-metering and water management system.
- Digital Valet System: IPAD operated room control system to control Air conditioning, Lighting, TV etc.
- Condensate recovery system
- o Pressure Independent Control Valve system (PICV) for constant water pressure throughout the building and AHU coils.
- o Remote monitoring & control system for all refrigerator temperature.
- ITC Sonar is the first hotel to receive carbon credits in the world through the <u>CDM</u> (Clean Development Mechanism) initiatives of <u>UNFCCC</u> (United Nations Framework Convention on Climate Change).









ITC Hotels : Green Features

Indoor Environment Quality

Green Hospitality





- Increased treated fresh air infusion by more than 30% of ASHRAE Std. for better productivity and occupants health.
- Enhanced occupant thermal comfort by individual controllers (Thermostat).
- Green Seal certified Housekeeping chemicals and equipment.
- Mechanical means of rodent control & eco-responsible pesticides.
- oCO2 monitoring systems in AHUs for improved indoor air quality (IAQ).

ITC Hotels: Green Features Sustainable Materials and Purchasing

Green Hospitality ITC HOTELS RESPONSIBLE LUXURY



- o More than half of ongoing consumables used are either local or recycled.
- Low VOC (Volatile Organic Compounds) paints and FSC (Forest Stewardship Council) certified wood is used for refurbishments and renovations.
- More than 30% of the food and beverage used is harvested and processed locally.
- Total solid waste is either reused or recycled through Recycling programs or converted into manure by the Organic Waste Converter.
- OUsage of **Fly Ash** based cement and Autoclave Aerated Concrete (AAC) Blocks in all new constructions.
- Multi- glazed windows with low-e coating for thermal insulation.

