

HOTEL ADITYA PARK **HYDERABAD**

Unit Profile

This Hotel is a part of a Commercial Complex Aditya Trade Center. The hotel is conveniently located at Ameerpet in the center of the city, 35 kilometers from the International Airport and 07 kilometers from the Railway Station. It is also easily accessible to the Hi-Tech City.

Operations of the hotel commenced in the year 2002. Currently it offers a 3 - Star accommodations in the city of Hyderabad.

Aditya Park is operated by Sarovar Hotels & Resorts, having more than 30 hotels across India. Hotel Aditya Park is committed to bench marking practices and operational excellence in all areas of Environment, Health & Safety and Conservation of Energy.

The Hotel offers newly refurbished 88 Guest Rooms and Suites with Wi Fi services and latest communication and security systems. Mini bars, Safe Deposit Lockers, and Temperature controllers are standard features of all the rooms. A 24 hrs Multi cuisine Promenade Restaurant, Harry's the Pub and the Club Lounge are the F&B outlets apart from Meeting and Banquet Facilities for 200 people and 24 - hours Room Service, Travel Desk and a Fitness Centre.

As a part of our Endeavor towards environment protection The Sewerage Treatment Plant is The First one in Hyderabad city. Hotel Aditya Park was awarded the Certificate of Appreciation for the year 2005 in recognition of the efforts made in pursuit of Conservation of Energy by the Energy Conservation Mission of A P.

In 2006, we also won the 1st prize in the National Energy Conservation award in the hotel sector awarded by the Ministry of Power, Govt. of India.

Regards

Ch.Sai Babu
Chief. Engineer

Energy Conservation Commitment

Hotel Aditya Park closely monitors energy consumption round the clock. The team is headed by the Chief Engineer and assisted by the complete engineering team as whole.

To create more awareness among all the employees of the Hotel an **Energy Conservation Log Book** is maintained in the Engineering Department in which the engineering staff write the observation during there shift.

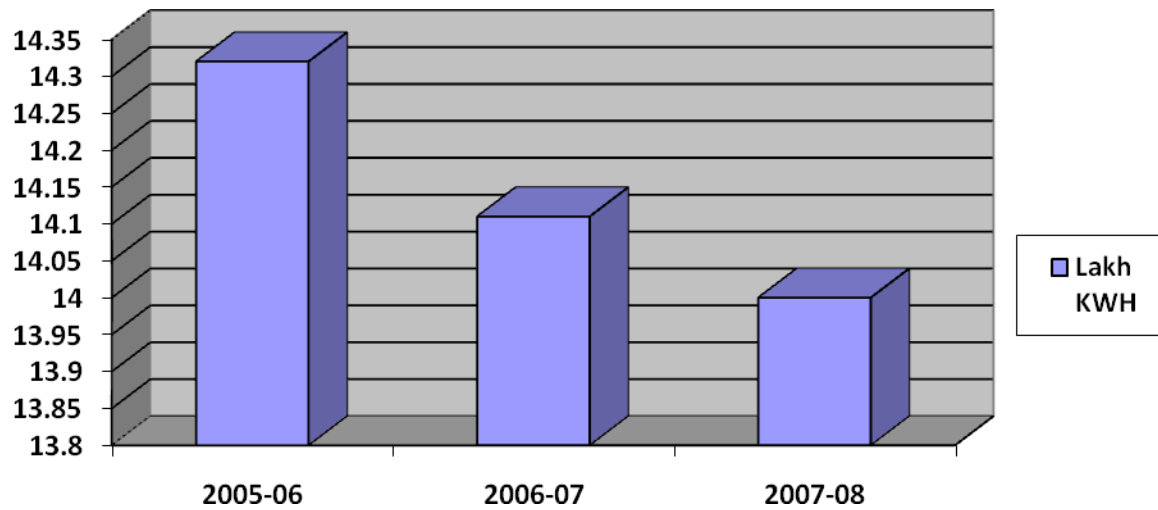
The observation before being recorded is discussed with the employee who is supposed to be wasting the energy.

The abstract of this log book is forwarded to the General Manager with minute details. Later an Inter – Office Note is sent to the concerned HOD of the observation by the GM and also the HOD is sought an explanation for the same.

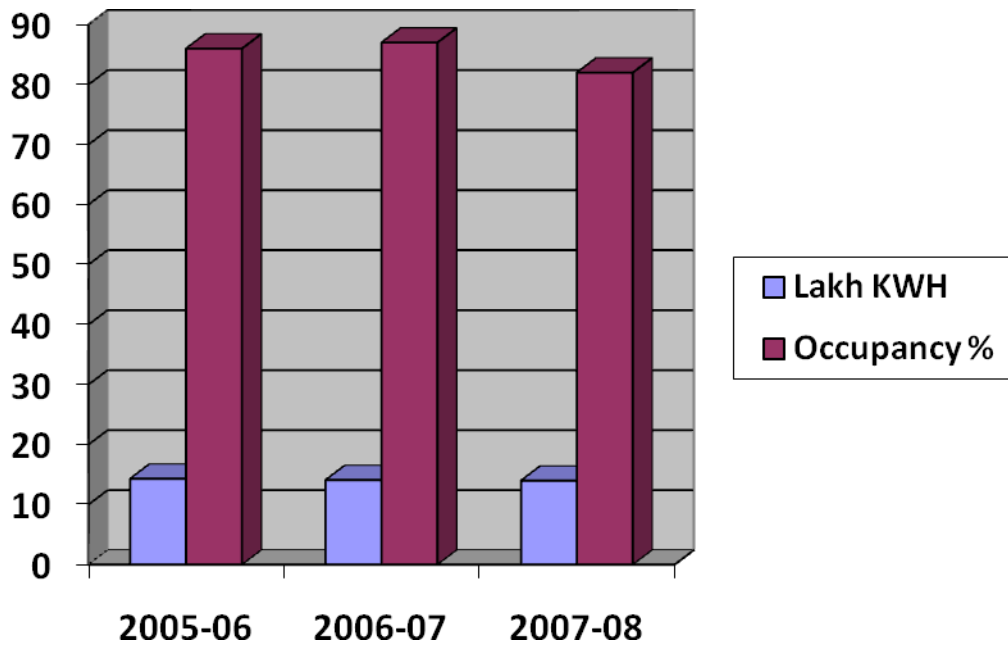
Hotel Aditya Park (a subsidiary of Manjeera Hotels & Resorts) takes pride in the fact that we are the first organization to install a water recycling plant with necessary distributing system to provide the recycled water for flushing tanks in the toilets, as well as for landscaping with an investment of Rs 50 lakhs. Our demonstration is a token to better the city, making the place more beautiful and meaningful.

Energy Consumption

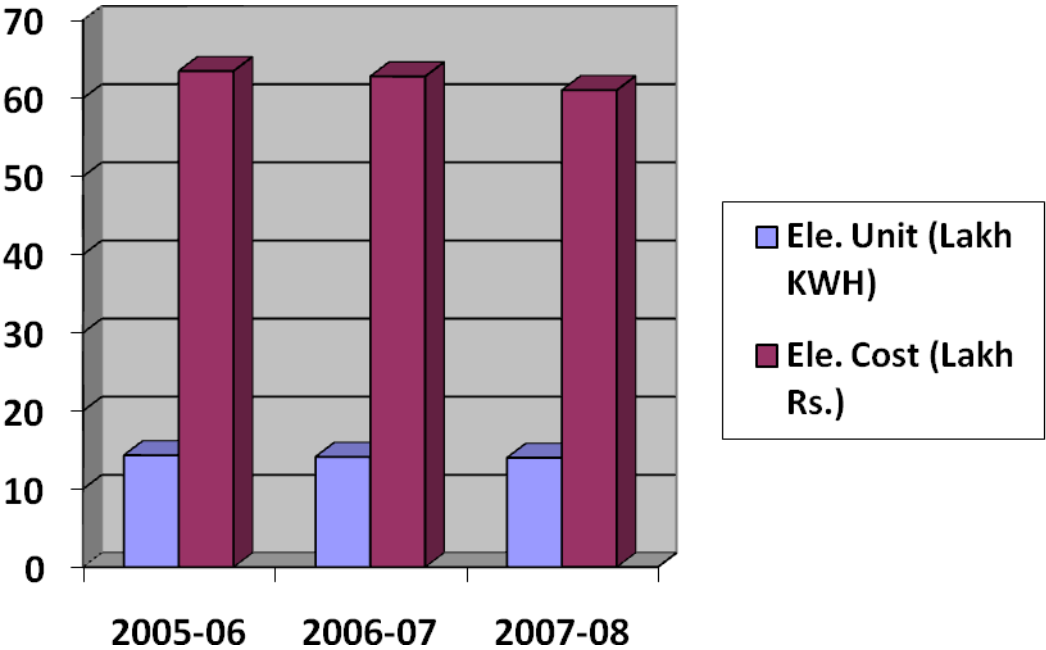
The connected load is 450kw. Energy consumption in Hotel Aditya Park is shown in the fig. below



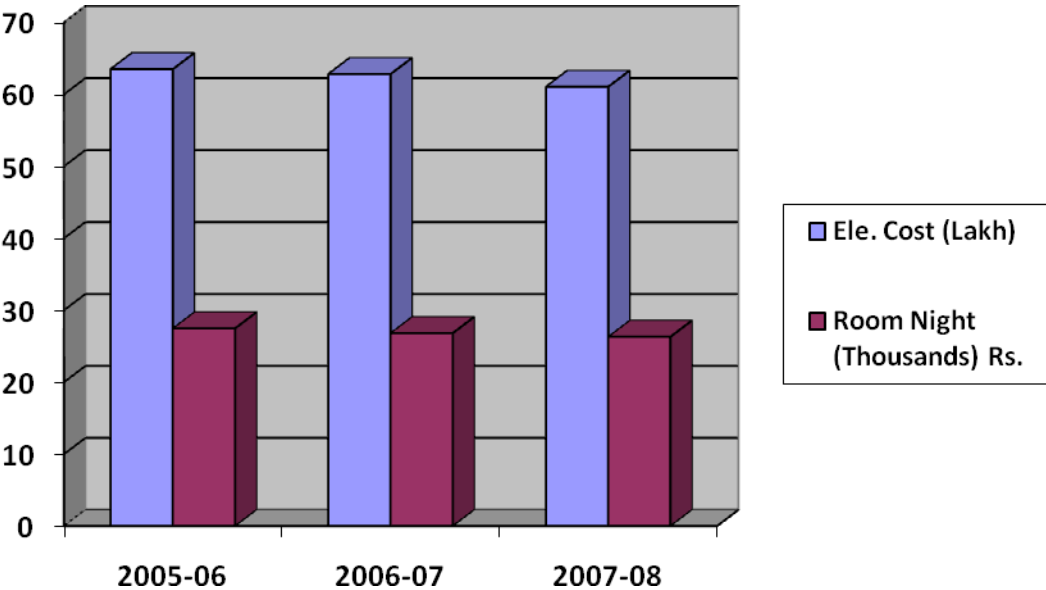
Electricity Consumption / Occupancy



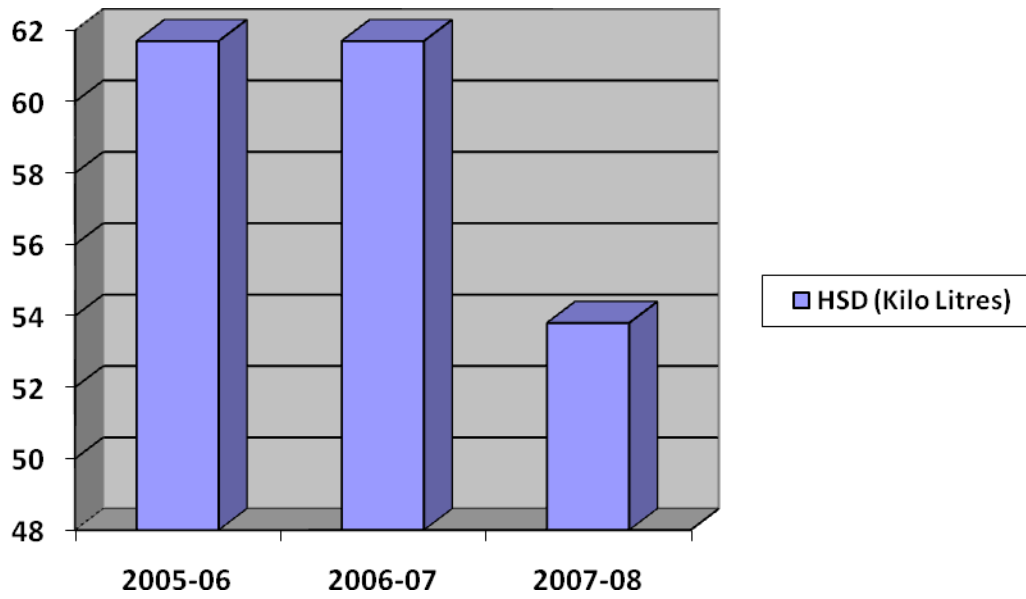
Electricity Units & Electricity Cost (in Lakhs)



Electricity Cost / Room Night



FUELS



Energy Conservation Commitment, Policy & Setup

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Energy Conservation Achievements:

1. **Chillers:** We are the first to connect Power Savers to Chiller Plant to save on Electrical Energy even though the York Chiller plant what we have is Micro Processor Controlled.
2. **HSD:** De - Super Heater has been introduced in the return line of the hot water supply to make maximum use of the waste energy. When the De – Super Heater is added to the supply line of the hot water tank, the waste heat is utilized only when hot water is being used. But if it is in the return line, the waste heat is utilized round the clock as the hot water circulation is round the clock.
3. **PRV:** We have fixed PRV at the gas bank and main line of the kitchen. As a result of this our gas consumption has reduced.

Energy Conservation projects implemented:

1. 150 KVA power savers for chiller plant (10% savings on electrical unit)
2. 125 KVA power saver for lighting panel (15% savings on electrical unit)
3. 45KVA power saver for kitchen power_(12% savings on electrical unit)
4. De super heater for chiller plant (25Liters HSD oil per day saving)
5. VFD installed for condenser pumps (8% savings on electrical unit)
6. **CFL:** All guest rooms have been installed with CFL lamps.

7. **LPG:** Installed a steam and hot water line near the gas bank for better use of LPG.

8. **PF:** Capacitor Bank is being maintained as per standards. Due to this power factor is being regulated and the consumption of power has reduced.

Energy conservation for next year plan:

In the first year of Energy Conservation, the Goal was to study and reduce the cost of the Energy production like Air conditioning & Hot Water.

Our goal for the next year is the following:

- Proper Utilization of the Energy produced, for example, plugging the leakage in the Air Conditioning systems by improving upon the fresh air system in the places where the exhaust is working.
- Improving the Insulation wherever required to protect the system and to better utilize the produced energy.
- Conducting Energy Audits for Optimum utilization of all Equipments.