

MOOLCHAND MEDCITY New Delhi

Building Profile:

Moolchand Medcity is built on 17122 Sq. mtrs in the heart of Delhi city. As one of India's foremost names in healthcare, Moolchand has been setting standards for the past half century. For over five decades we have been providing healthcare services to three generations of Delhites with care and dedication.

Our commitment to redefining healthcare has resulted in Moolchand winning innumerable awards and accolades for quality and excellence over the years. As a result, patients can count on consistent and extraordinary quality.

Many firsts in Indian healthcare have emerged out of Moolchand (e.g. first Minimal Access Surgery in India)



We are committed to providing facilities of global standards to our patients. Our facilities have been designed by international experts to meet the highest standards of effective medical flows, patient safety, healing and comfort.

Over the years Moolchand has received many accolades, such as:

- First Multispecialty Hospital in North India to get **NABH** accreditation and **ISO 9001:2000** certifications
- First hospital in the world to have received the **ISO Platinum** certificate for healthcare
- First hospital in India to have received the **ISO 27001:2005** certification for data security.

Some first of other programs include:

- First Knee replacement in North India.
- First Laparoscopic cholecystectomy in Delhi.
- First Laparoscopic Hysterectomy in North India.

Energy conservation commitment & set up:

Conserving or saving energy is a national cause. Efficient Energy Management is a key to sustain the Competitiveness of Indian Industry. Energy efficiency will lead to benefits in terms of competitiveness and a better share of the international market. Energy saving requires not just efficient equipment, appliances and gadgets, but most importantly it requires a change in the habits and attitude we have towards energy in general and electricity in particular.

Moolchand Medcity has teams, which continuously monitor energy consumption round the clock. Quality Circle has been adopted for conservation of energy. The campus has been divided into zones and zonal leaders have a duty to control energy usage & create awareness within their zones.

In view of energy conservation as a priority, scheduled meetings & trainings are organized and e-mails are sent to create awareness amongst all hospital employees.

The KVAH readings are analyzed and taken stock of in the daily meetings.

The targets have been decided for the next three years i.e. 2007-08, 2008-09 & 2009-10 as below:

- Conservation of energy by 15% over the next three years.
- Conservation of water by 7% every year over the next three years.

Energy conservation is vigorously pursued in Moolchand Medcity;

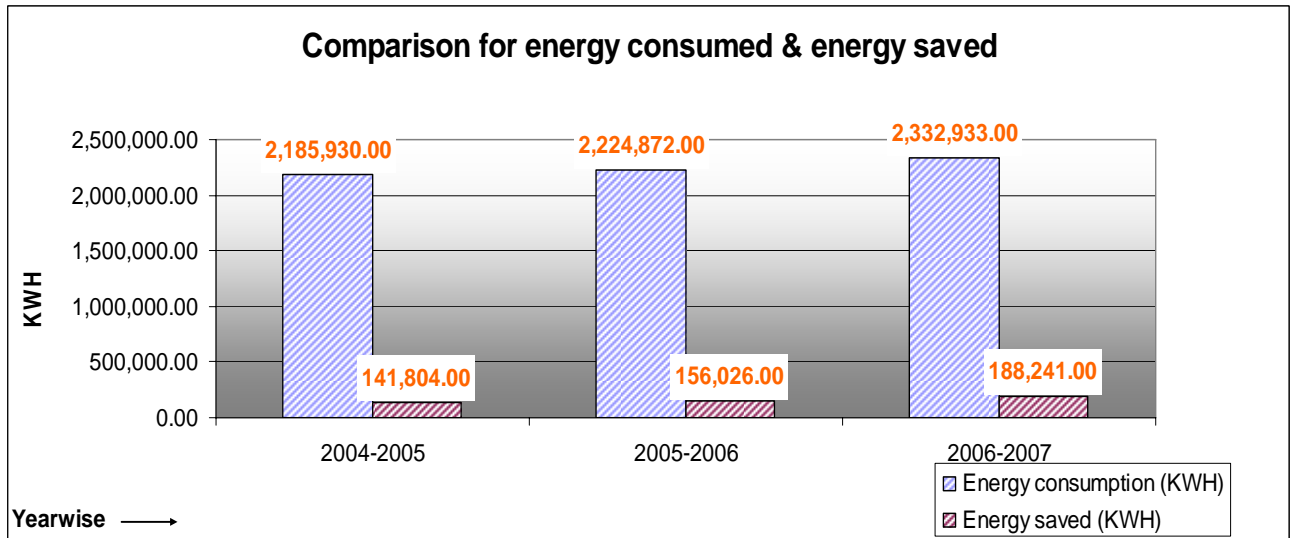
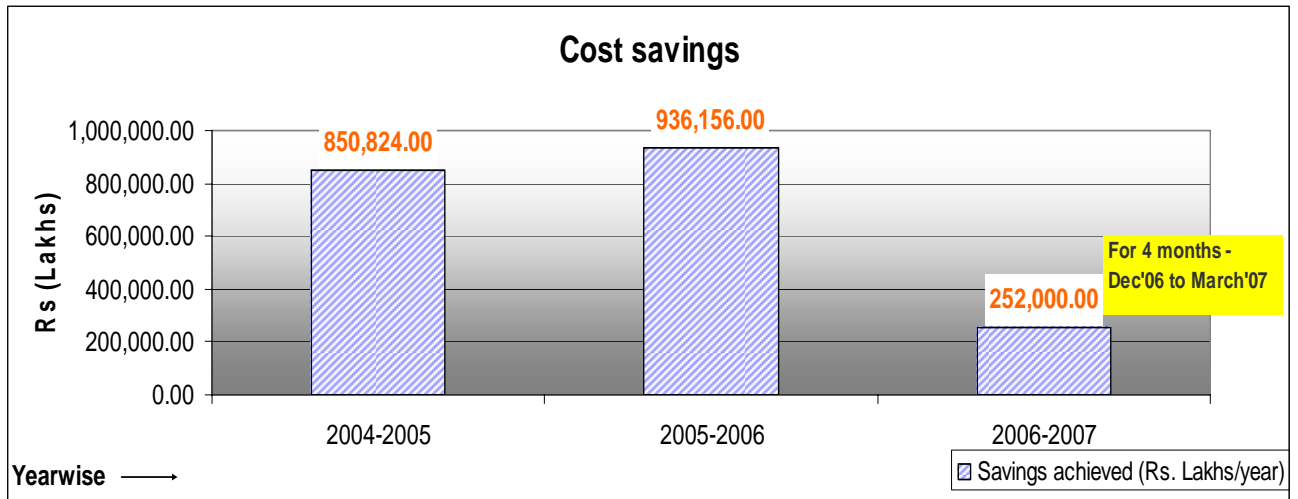
It is a constant endeavor to maintain equipment health through regular scheduled preventive maintenance & condition monitoring, wherein resulting in increased efficiency of the equipments/ systems thereby reducing energy losses.

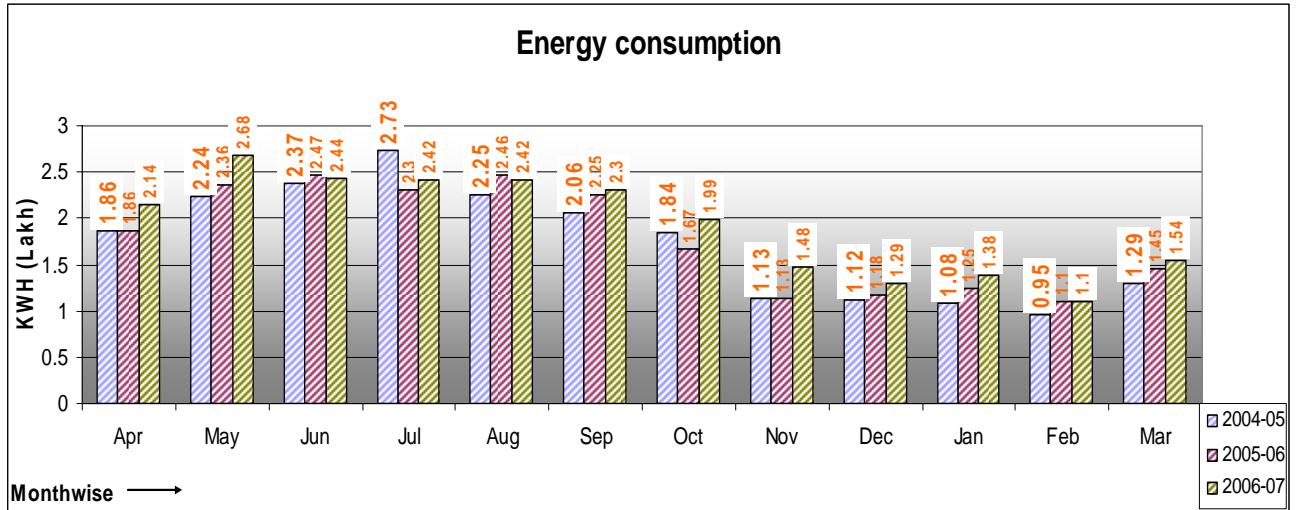
It is now a policy of Moolchand Medcity to use energy efficient lighting. All the new areas/ areas under renovation are designed in such a manner to include energy efficient equipments, utilities & lighting.

Energy efficient screw chillers of TRANE make of capacity 400TR X 2 have been installed. This shall lead to a saving of more than 7% of the total energy bill.

Rain Water Harvesting systems are maintained for recharge of ground water.

Energy consumption





Energy conservation achievements

1. Implemented measures:

A. Addition of Capacitor Bank

Analysis was got done on power factor improvement in the year 2003, and Capacitor banks have been added (350KVAR) to the system resulting in improved power factor. The decrease in KVAH has resulted in saving on energy cost. This measure has resulted in;

- Reduction in line losses due to connectivity of lagging load.
- Reduce the feeder current.
- Saving of energy by reducing losses.





B. Conversion to energy efficient lighting

Replaced ordinary tube lights and incandescent lamp fittings with energy efficient CFLs. A total of more than 700 fittings have been replaced in the years 2004 to 2006.

40 nos of halogen lamps of 500W for outdoor lighting have been replaced with 70W sodium lamps.



C. Solar Water heating system

Hot water supply to the users has been centralized. We have two Central Solar water systems operational on date. Large solar panels installed on the terraces provide hot water continuously during the day.

The requirement during early morning is met through heaters (48KW) provided in the tanks. This has resulted in removal of more than 80 geysers i.e. a load of 160 KW. There is huge saving on the account of

hot water, as the 48KW heaters in the central tank are ON only for couple of hours in the morning hours and 16 KW in the evening of winter months.



2. Other measures:

- Energy Audit got conducted from TERI in March 2005 for complete unit to find potential energy saving measures.
- Preliminary Energy Audit conducted for unit by CII in September 2007 to identify energy saving areas.
- Regular monitoring & controlling of temperatures in areas and regulating operation of Chillers.
- Creating awareness among employees on energy conservation.

Environment, Health & Safety

Moolchand Medcity's is committed to its mission of:

- Assuring the community, property and environment are protected against exposures, which could result in injury, illness or loss.
- Assuring compliance with established federal, state and local regulations/guidelines for all aspects of workplace safety and health.
- Developing and implementing appropriate programs and safeguards to ensure organizational goals are met.

We believe in delivering high quality of healthcare services in a timely and supportive manner. We value the importance of teamwork as a vital tool for delivering quality service to our customers.