



DCM TEXTILES

HISAR

UNIT PROFILE

–DCM Textiles, a unit of DCM Ltd., started its production in 1991 and is a part of the Rs. 160 crores DCM Group. DCM Ltd. is headed by Dr. Vinay Bharat Ram, CMD, a famous Industrialist and an eminent Scholar of India. The DCM Group reputed for their product quality, dynamism, business integrity and for quick response to changes in environment.

UNIT PROFILE

DCM Textiles is a Spinning Mill located in Hisar (Haryana) engaged in the manufacturing of 100% Grey Cotton Yarn and Melange Yarns in the count range of 12s to 40s, mainly for knitting use. The unit has a line of new generation machines having a capability of producing good quality yarn.

UNIT PROFILE

The machines are from various renowned manufacturers like M/s. Schlafhorst A.G., M/s. Rieter, M/s. Crosrol, M/s. Lakshmi Machine Works (LMW), M/s. Trumac Mumbai, M/s. Texmaco Howa, M/s. Mafatlal Engineering Industries, M/s. Padmatex, M/s. Vijay Laxmi, Textool & Sieger etc. A modernization drive is underway to further enhance the competitive edge of the unit by installing new ring frames of LMW and additional autoconers.

UNIT PROFILE

To meet the stringent quality requirement, the unit has testing laboratory well equipped with sophisticated equipment like Uster Tester (UT-3 Model) Cascade Wrapping System, Fibramic-900, Projection Microscope and has also implemented the quality system in line with the international standards. It subjects all the purchased items to inspection and testing before acceptance to ensure compliance with quality requirements.

UNIT PROFILE

The unit is supplying yarn to Indian as well as to international market and is in process of further expansion of its international markets. The quality management system for unit has been certified by Bureau Veritas Certification since May 1995.

QUALITY POLICY

DCM Textiles is committed to deliver goods and services which satisfy its customers at all times and enhance value of this business for all stake holders through active involvement of all employees and continuous process improvements.

ENERGY POLICY

DCM Textiles is committed to continuously improve energy conservation in all processes and for its sustainable availability for future generations.

To meet the above goals, we shall strive to:

- Adopt cleaner and efficient energy sources for all our operations.
- Benchmark with the best in business and install systems and practices to match them.

- Enrich our experience on energy conservation by exchange of ideas with other organizations.
- Enhance use of renewable energy/waste heat, wherever feasible.
- Incorporate energy efficient designs and technology in all future projects.
- To carry out regular internal and external energy audits to identify areas for improvement.
- Promote awareness among all members of the DCM family

- Train employees to make DCM Textiles the pace setter in the area of energy conservation.
- Undertake social responsibility to educate, share and promote energy and environment aspects with other industries in its vicinity.

5th March, 2005

Chief Executive Officer

TQM (Total Quality Management) at DCM Textiles

The DCM Textiles has initiated the process of Total Quality Management leading to across the board employee participation.

The process encompasses the techniques of 5S, MUDA, Autonomous Maintenance, Kaizen etc.

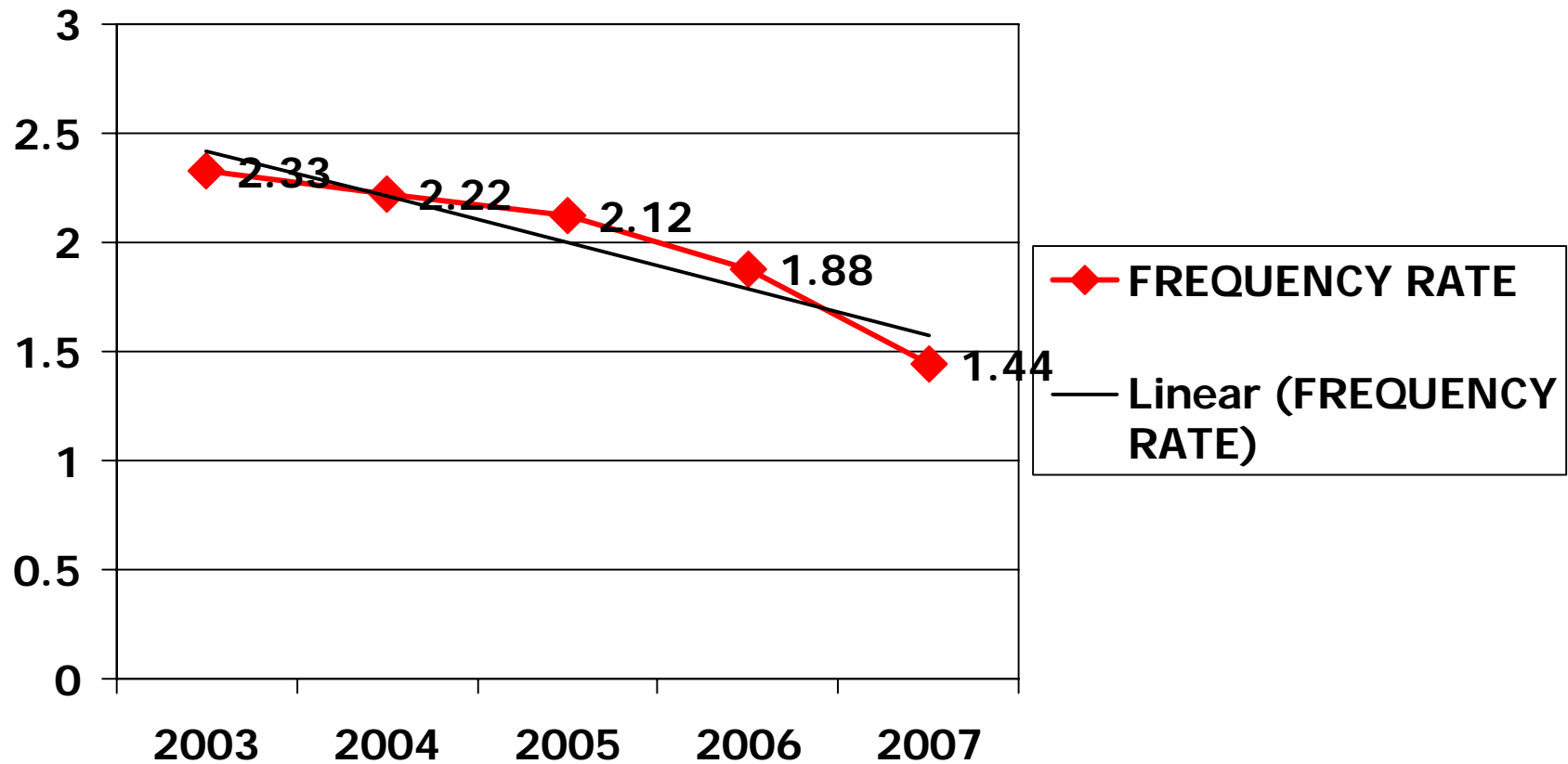
The employees are encouraged to give suggestions, improvement opportunities and involve themselves in decision making thus keeping their morale high.

The above process has also contributed to the energy conservation.

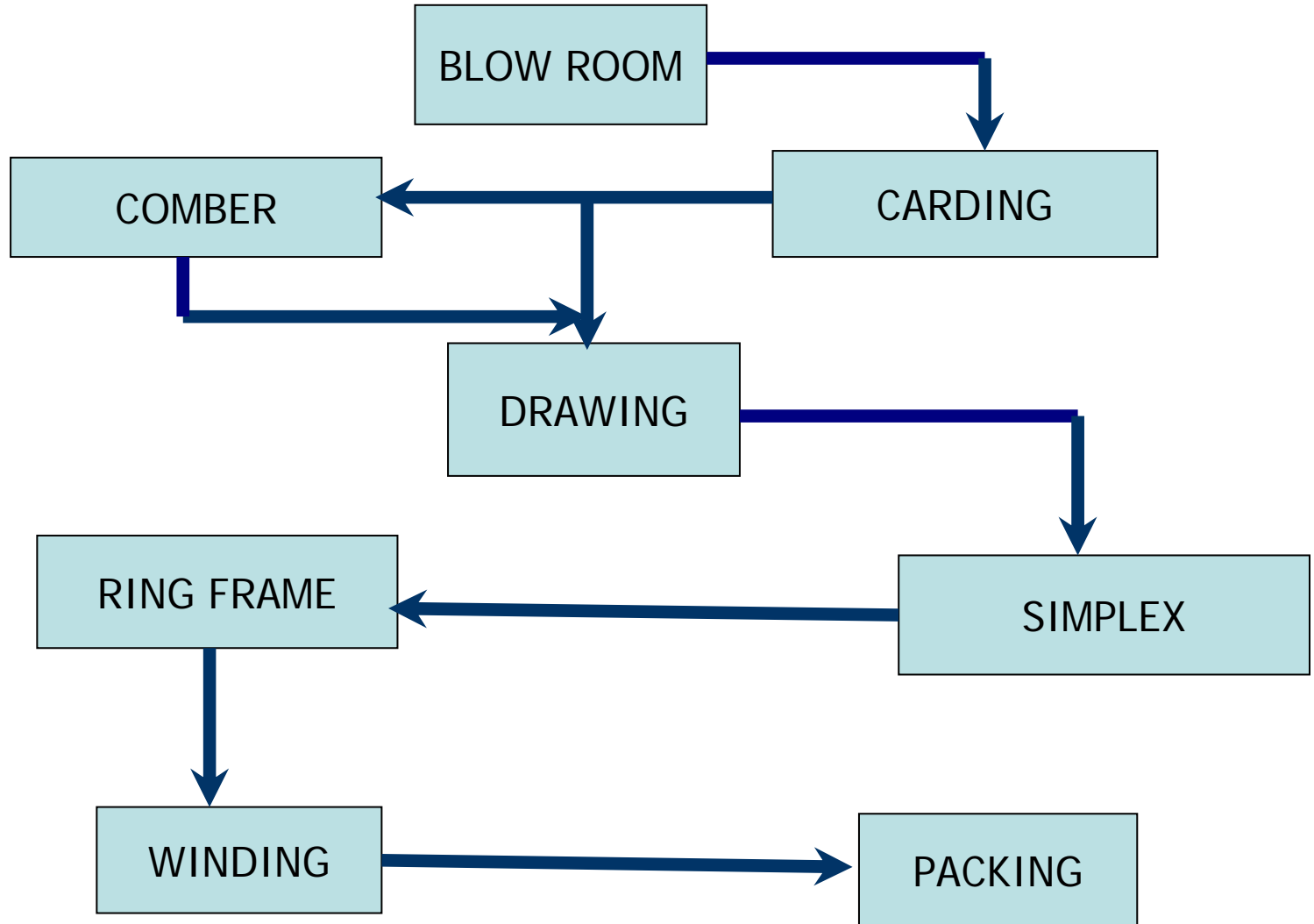
SAFETY, HEALTH AND ENVIRONMENT POLICY

“DCM Textiles and its all employees are committed to create and continuously maintain such working environment which is safe, healthy, pollution free and invigorating.”

ACCIDENT FREQUENCY RATE ANALYSIS



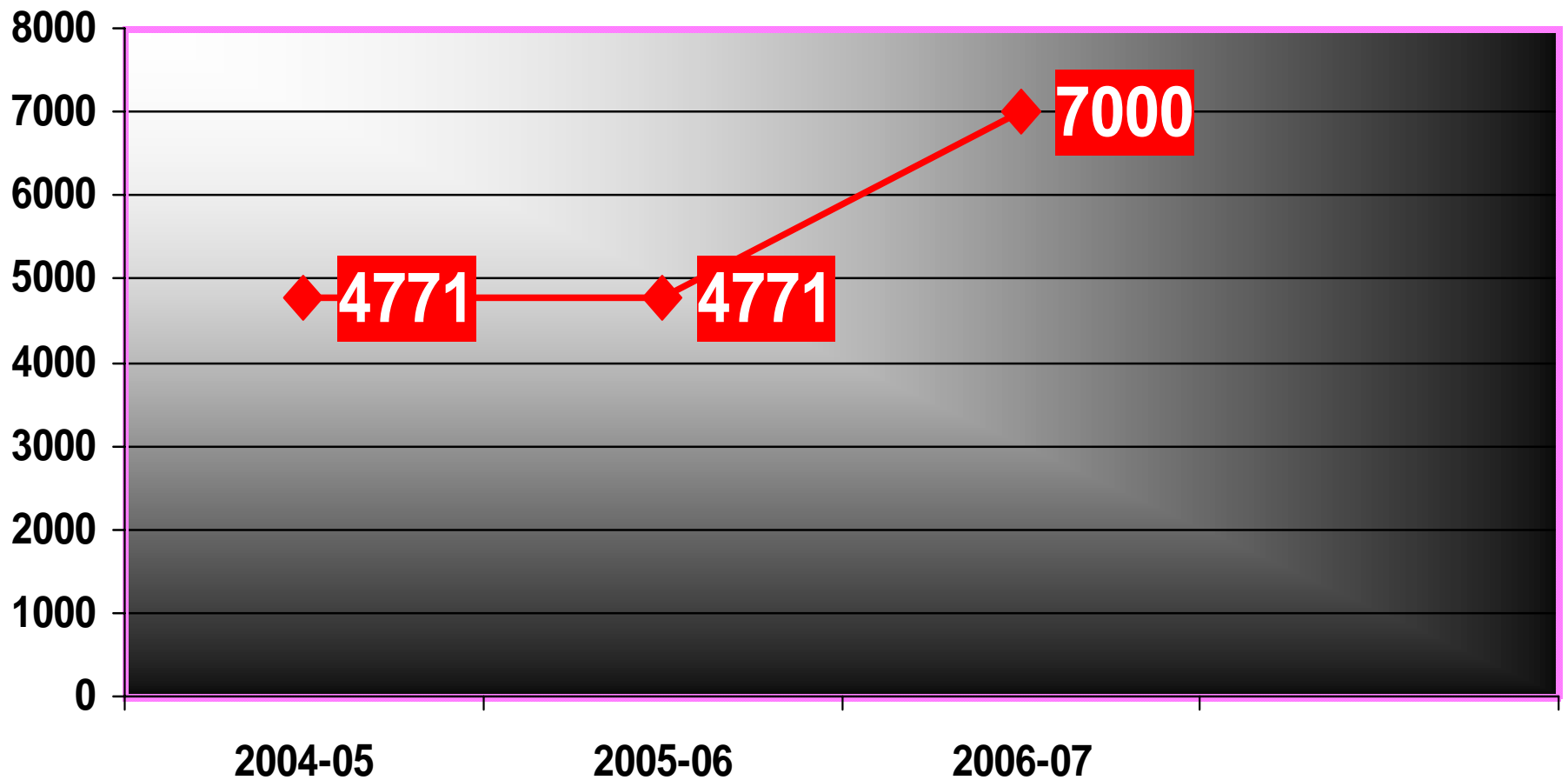
SCHEMATIC DIAGRAM SHOWING PRODUCTION PROCESS



ENERGY CONSERVATION

- During period 2004 – 2007 DCM Textiles has implemented many energy saving measures for conservation of energy. This has resulted to reduction in specific energy consumption and reduction in energy losses.

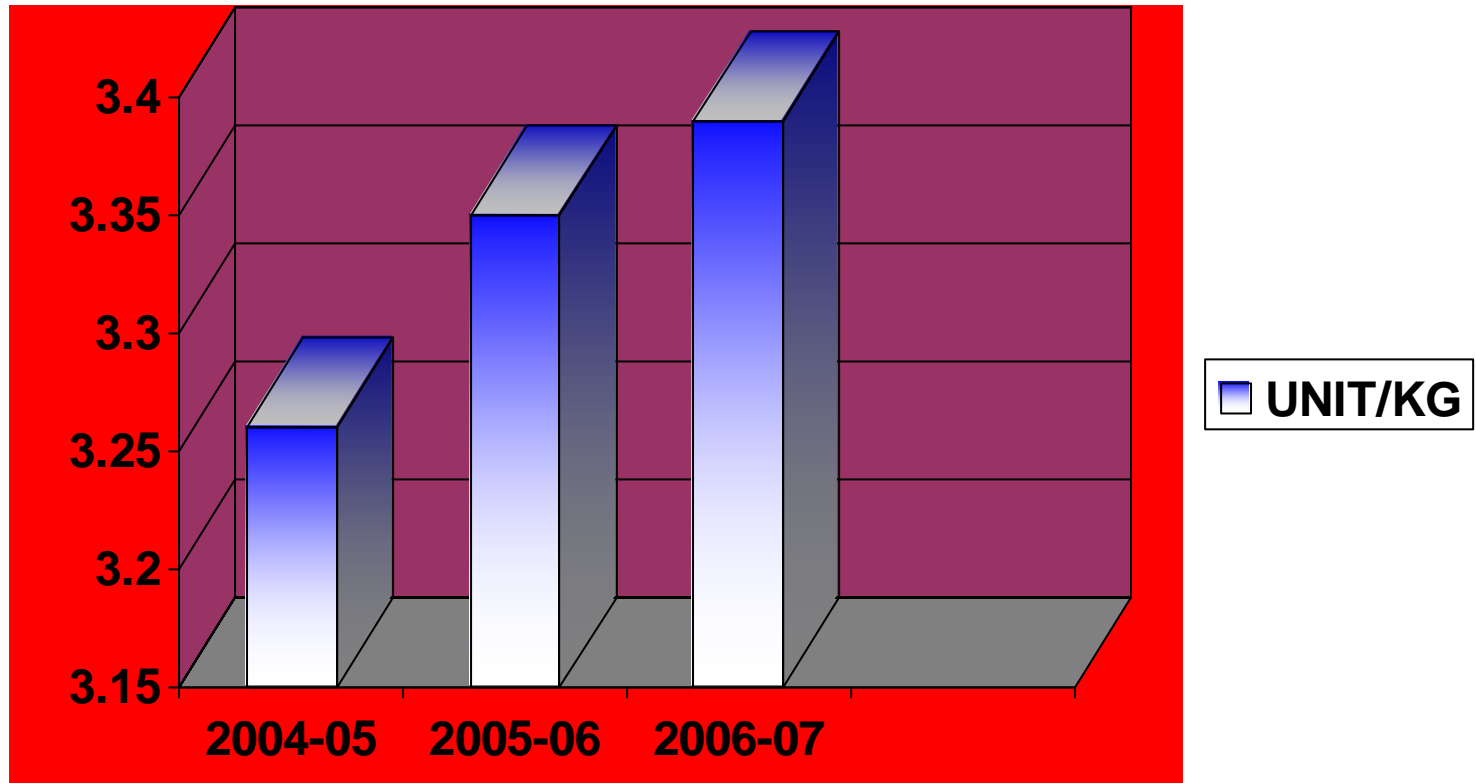
CONNECTED LOAD DETAILS IN KW



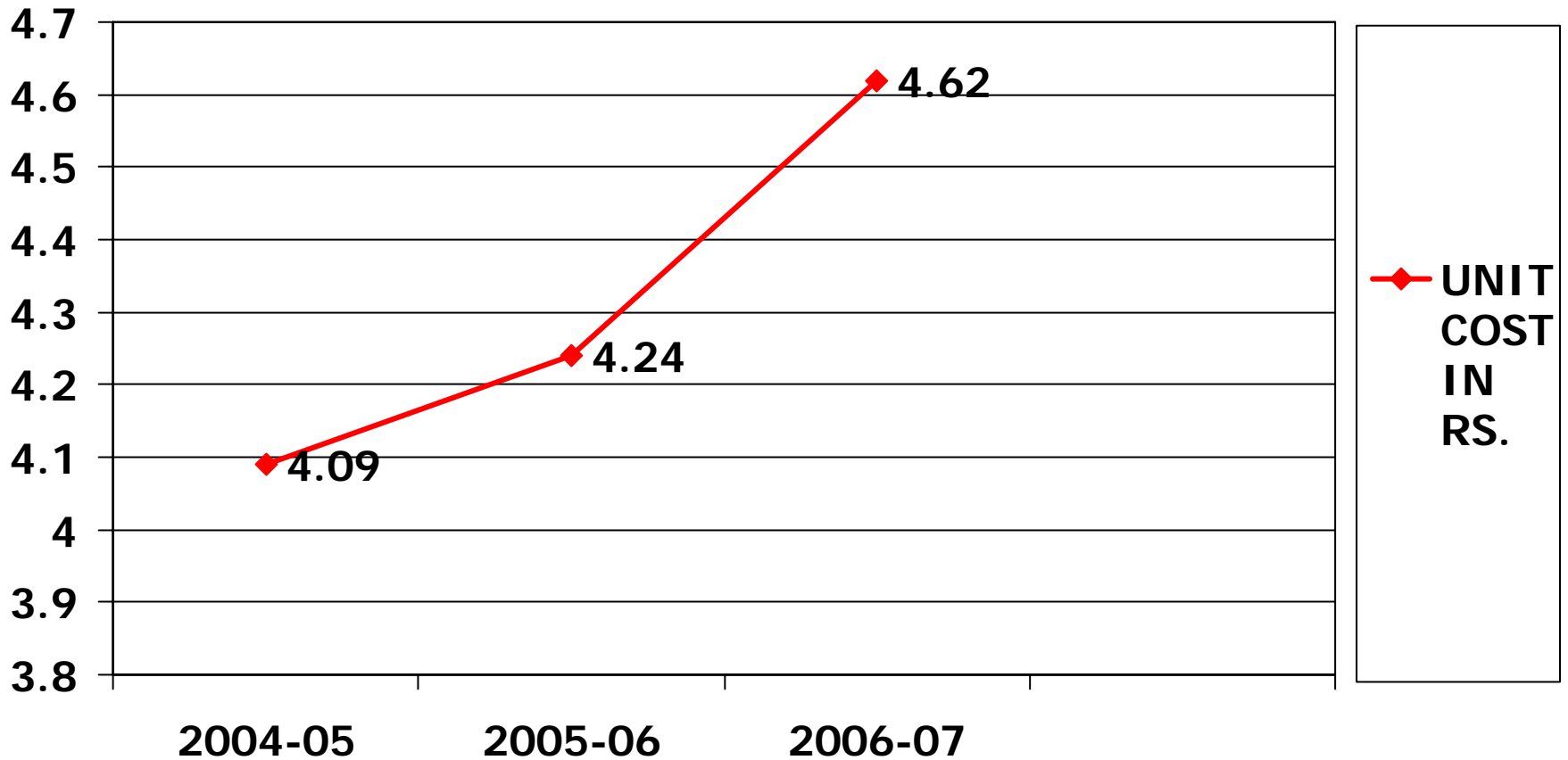
SPECIFIC ENERGY

| YEAR | 2004-2005 | 2005-2006 | 2006-2007 |
|--|-----------|-----------|-----------|
| ELECTRICITY CONSUMPTION IN MKH | 221.18 | 232.10 | 287.93 |
| PRODUCTION IN MT ON AVG. 28 ^S COUNT | 7085.7 | 6929.3 | 8412.60 |
| UNIT PER KG | 3.26 | 3.35 | 3.39 |

SPECIFIC ENERGY



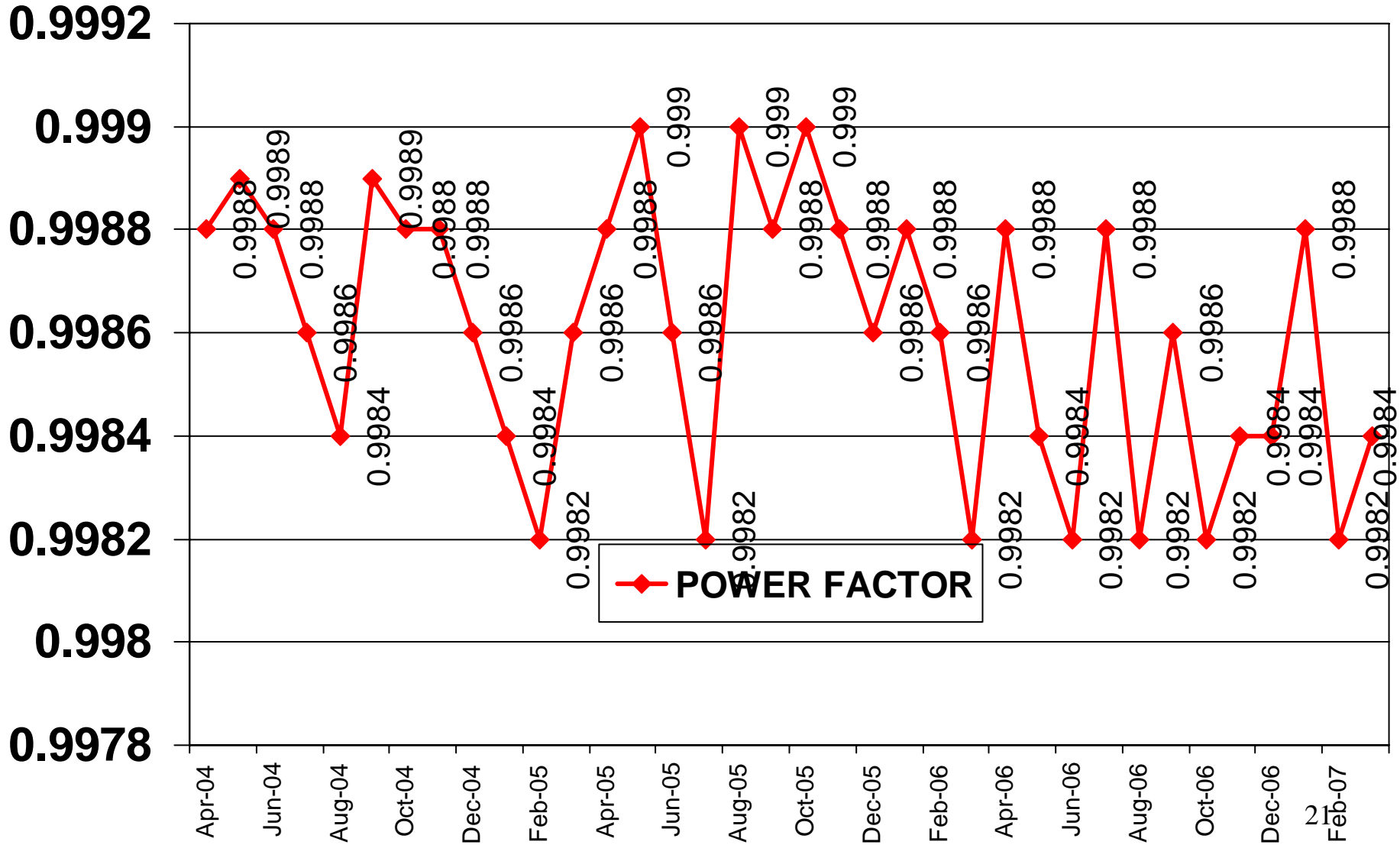
UNIT COST



POWER FACTOR

- Investment made for improvement of power factor.
- Losses reduced.
- Availing cash incentive scheme from State Electricity Board for better power factor.
- Equipment life increased.

TREND OF POWER FACTOR IMPROVEMENT



**INVESTMENT
MADE FOR
ENERGY
CONSERVATION**

Use of energy efficient impellers in OHTC & Pneumafils

| | |
|------------|--------------------|
| Investment | Rs. 1.62 Lacs |
| Saving | Rs. 6.89 Lacs p.a. |

Replacement of 40 watt tube lights with OSRAM 36 watt

| | |
|------------|-------------------|
| Investment | Rs. 16000.00 |
| Saving | Rs. 36000.00 p.a. |

**Conservation
Measures Planned
For The Future**

Conservation Measures Planned For The Future

- Replacement of spindles with lower wharve dia spindles Installation energy efficient motors
- Conversion of electric heater of yarn conditioning machine into thermic fluid heaters.
- Replacement of ordinary lamps(100 watt) with 20 watt tube fittings

Conservation Measures Planned For The Future

- Identification of under size and long route cables and rearranging
- Optimization of water pump sizes
- FO transportation arrangement in insulated tankers
- Automation of Street lighting

Conservation Measures Planned For The Future

- Installation of energy efficient FRP fans
- Automation of Humidity plants spray pumps
- Arrangement for separate transformer for HSEB 33 kv sub station
- Reduce lighting voltage from 400V to 370V.

Conservation Measures Planned For The Future

- Installation of SITRA approved energy efficient Textiles Machines' Pneumafil Impeller.
- Fuel efficiency of captive power plant.
- Replacement of 36 watt street light tube with 18 watt CFL.
- Replacement of 70 watt sodium street light with 45 watt CFL.

THANK

YOU