

## GOKUL MILK PROJECT

### Unit Profile :

The Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd., Kolhapur, formerly known as “Gokul” was established on 16.03.1963. Adoption of new technology, quality policy proper blend of producers, management & consumer could result in becoming “Gokul” a strong bridge of faith & satisfaction between milk producers & customers, which was the purpose of its establishment. As on today “Gokul” is the leader in the market & has established many landmarks breaking of its own previous records. As a result Gokul is awarded with 13 National Productivity Council awards. As on date, the average milk collection of the year is 4.87 lakh LPD with peak of 6.07 lakh LPD. in 2007-08 Gokul has supported to producers by all technical input services like animal health care, feed & fodder supply animal breeding facility with all necessary training in its own training center. The producers through their village co-op. dairy society get proper input services & financial assistance.

Since the Anand pattern contemplates integrated approach of Dairy Development, Gokul has also strengthened its Animal Husbandry, Artificial Insemination, Feed and Fodder Development activities. These services are undertaken for increasing per animal production as well total milk production. The A.H. coverage of the Gokul is one of the best in the country. The entire cattle population of the district is covered through 35 A.H. Centers manned by 60 Veterinarians, who provide round the clock Veterinary services. At the same time, being the farmers cooperative, the entire expenditure on AH/AI activities are heavily subsidized.

**More than Rs.42.00 Crores have been paid as ‘extra price’ during 2007-08, than the price declared by the Govt.** The input services are either free or at subsidized rate are the additional benefit to the producer. Till date, to maintain quality, 4200 milko testers, 75 fattomatic machines, approx. 728 computers along with manpower training facility for scientific organization culture, mission, vision & values, have been provided to the primary cooperatives.

This organization is based on quality production & rendering services to milk producers as well as assured & quality milk supply to the customers at reasonable rate. The mission is aimed at quality based remunerative price to the milk producer with all technical inputs services for production enhancement & training.



## Energy Conservation Achievements (2007-2008)

During the period between 2007-20087 “GOKUL” has implemented following proposals resulting to saving in electrical energy as well as thermal energy.

1) Condensate recovery from three circuit CIP system



- Heat available in condensate-4,24,0000al
- Saving of furnace oil by utilizing Condensate - 14965 kg/annum.
- Investment Rs. 0.05 Lakhs
- Saving in Rs.4.37 Lakhs/annum.

2) For C.B.M.M.,replaced 1 h.p.conventional dosing pump by single phase two nos of electronic dosing pumps.



- Saving in units-0.044 Lakhs Kwh/annum.
- Investment Rs.0.46 Lakhs
- Saving in Rs.0.20 Lakhs/annum.

3) At butter section ,for two nos. of C.B.M.M.,two nos. of butter milk pumps(2h.p.) replaced by one no of butter milk pump by placing one common butter milk tank for two CBMMs & done arrangement of level sensors in the tank. So that dry running of pumps is prohibhited & also saved electricity.

- Saving in units –0.068 Lakhs Kwh.
- Investment Rs. 0.1 Lakhs
- Saving in Rs. 0.3 Lakhs/annum



4) Ten nos. of S.V.L. replaced by energy saver street light.



Old SVL

New Energy Saver Street Light

- Saving in units—**0.175Lakhs Kwh.**
- Investment Rs. **0.6 Lakhs.**
- Saving in Rs. **0.26 Lakhs/annum.**

5) Power factor maintained at unity.

Hence we have achieved total saving Rs.26.66 Lakhs / annum.

Investment = Nil.

