

CHAPTER IX

MONITORING OF PERFORMANCE OF INFRASTRUCTURE SECTORS

Background

9.1. The monitoring of important infrastructure sectors in the country is designed to provide an overview of the performance of each of the sectors with a view to highlighting slippages, if any, before the decision making authorities. This Division is entrusted with the monitoring of performance of the country's eleven key infrastructure sectors, viz., Power, Coal, Steel, Railways, Telecommunications, Ports, Fertilisers, Cement, Petroleum & Natural Gas, Roads, and Civil Aviation. The performance of these sectors is analysed with reference to the pre-set targets for the month and for the cumulative period.

9.2. The following monthly reports are compiled by the IMD:

- (i) Review Report on Infrastructure Performance.
- (ii) Capsule Report on Infrastructure Performance

Overall Performance of Infrastructure Sectors

9.3. The production performance of the infrastructure sector during the year 2001-2002 and the current year (April-September 2002) is at Annexure-IV.

Infrastructure Performance During April-September 2002

9.4. The overall infrastructure performance during April-September 2002 has shown improvement as compared to the performance during the corresponding period in 2001. All sectors, except those relating to provision of new (net) telephone connections and passenger traffic handled at international terminal of airports, have recorded a moderate growth over the performance for the corresponding period of the previous year. As compared to the targets for this period, all sectors, except power, finished steel, fertilizers and refinery production, exceeded their targets. The trend in the overall infrastructure performance during April-September 2002 as compared to the targets set for the period and the performance for corresponding period of 2001 is at Annexure-IV. Sector-wise details are given in the following paragraphs.

Power

9.5. The overall power generation during 2001-2002 at 515 Billion Units (BU) recorded a growth of 3.1% over the generation for 2000-2001. During April-September 2002, the generation at 262.03 BU recorded a growth of 3.4% over the power generation for April-September 2001, but it remained 2.5% less than the target for the period. The thermal power generation during April-September 2002 at 215.07 BU was less than the

target by 0.4%, but registered a growth of 5.7% over the generation for the corresponding period of the previous year. The All India Plant Load Factor (PLF) of the Thermal Power Stations (TPS) during 2001-2002 was 69.9%. During April-September 2002, the PLF at 70.0% was higher than the target of 68.5%, and it was also higher than the PLF of 67.2% achieved during the corresponding period of the last year. During April-September 2002, the hydro power generation at 37.71 BU was 15.4% lower than the target of 44.59 BU and it was also 7.5% lower than the generation of 40.78 BU during the corresponding period of the last year. The nuclear power generation during April-September 2002 at 9.25 BU was 11.8% higher than the target of 8.28 BU and recorded a growth of 1.4% over the generation for the corresponding period of the last year. The overall PLF of Nuclear Plants at 76.1% was higher than the target of 68.0% and the PLF of 74.7% achieved during the corresponding period of the last year.

9.6. The overall power availability in the country during 2001-2002 was 483.25 BU as against the requirement of 522.54 BU resulting in a deficit of 7.5%, which was marginally lower as compared to the deficit of 7.8% during 2000-2001. During April-September 2002, the overall power availability at 246.82 BU was 9.4% short than the requirement of 272.53 BU which was more than the shortage of 7.2% during April-September 2001. The peak hour shortage during April-September 2002 was 13.7%.

Coal Production

9.7. The overall coal production during 2001-2002 at 322.63 Million Tonnes (MT) was 4.2% more than the production for 2000-2001. The total coal production during April-September 2002 at 151.14 MT was 2.2% more than the target of 147.91 MT and it also recorded a growth of 6.6% over the production of 141.79 MT during the corresponding period of the last year. The overall coal despatches during April – September 2002 at 158.31 MT showed an increase of 4.9% over the despatches of 150.87 MT during the corresponding period of the previous year.

Steel

9.8. The overall production of finished steel during the year 2001-2002 was 31.07 MT which recorded a growth of 2.5% over the production of 2000-2001. During April-September 2002, the production at 16.27 MT recorded a growth of 9.3% over the production of April-September 2001. As compared to the target for the period, there was a shortfall of 9.8%. The overall capacity utilisation during the period was 81.4% which was higher than the achievement of 77.4% during the corresponding period of the last year

Railways

9.9. The revenue earning freight traffic moved by the Railways during 2001-2002 was 492.31 MT, which recorded a growth of 4.0% over the traffic movement for 2000-2001. During April-September 2002, total 247.87 MT freight traffic was moved, which was more than the target and the achievement for the corresponding period of the previous year by 1.5% and 7.0% respectively. The growth rate has improved from the level of 1.3% achieved during April-September 2001.

Roads

9.10. During 2001-2002, 4652 Km of National Highways were upgraded/strengthened and 123 bridges were constructed/rehabilitated. A sum of Rs. 5779 crore was spent for strengthening of roads and bridges during 2001-2002. During April – September 2002, 2161 Km of National Highways were constructed/strengthened and 49 bridges were constructed/rehabilitated against the target of 2907 Km road and 40 bridges respectively. During this period, 4 bypass were constructed against the target of 11 bypass and 17 bypass constructed during April-September, 2001.

Shipping And Ports

9.11. The major ports in the country handled 287.71 MT cargo during the financial year 2001- 2002 which was slightly lower (0.5%) than the target; but it was 2.3% higher than the achievement for the previous year. The cargo handled during April-September 2002 at 150.27 MT was higher than the target and the cargo handled during April-September 2001 by 4.4% and 8.3% respectively. The coastal shipment of coal to the South aggregating to 8.11 MT was more than the target and the shipment during the corresponding period of previous year by 5.4% and 2.5% respectively.

Civil Aviation

9.12 During April-September 2002, the international airports at Mumbai, Kolkata, Delhi, Chennai and Trivandrum handled 1,93,539 Metric Tonnes, which was 19.7% more than 1,61,631 Metric Tonnes cargo handled during April-September 2001. Further, the import cargo handled by these airports during the same period was 95,011 Metric Tonnes, which remained 18.1% more than 80,456 Metric Tonnes cargo handled during April-September, 2001.

9.13. The international terminals at Mumbai, Kolkata, Delhi, Chennai and Trivandrum handled 58.49 lakh passengers during April-September 2002 which was 2.3% less than 59.89 lakh passengers handled during April-September 2001. This is primarily a fall out of the incident of 11th September 2001 in the USA. The domestic terminals of these airports handled 79.86 lakh passengers during this period which was 2.8% more than 77.72 lakh passengers handled during April-September 2001.

Telecommunications

9.14. The net addition in switching capacity of telephone exchanges in the country during 2001-2002 at 69.57 lakh lines was 2.6% less than 71.46 lakh lines added during 2000-2001. During April- September 2002, addition of 16.73 lakh lines in the switching capacity of telephone exchanges was 3.0% more than the addition of 16.24 lakh lines for the corresponding period of the previous year.

9.15. During 2001-2002, a total of 53.35 lakh new (net) telephone connections were provided. It was 10.0% less than 59.25 lakh phones provided during 2000-2001. During April-September 2002, both public and private sectors have provided 11.71 lakh new

(net) telephone connections (wired and WLL (Wireless Local Loop)) which was 16.2% less than 13.98 lakh telephone connections provided during April-September 2001. Both public and private sectors provided 21.01 lakh cell phone connections during April-September, 2002 which was 88.9% more than 11.12 lakh cell phone connections provided during April-September 2001. During April-September 2002, both public and private sectors provided 32.72 lakh connections (fixed + cell phones) which was 30.4% more than 25.10 lakh phone connections provided during April-September 2001.

9.16. During April-September 2002, total 37,705 Village Public Telephone (VPT) connections were provided, which was considerably higher than 3,395 telephone connections provided during the corresponding period of the previous year. Out of this, 34,492 VPT connections were made through public sector and the 3,213 VPT through the private sector during this period.

Fertilisers

9.17. During 2001-2002, the overall production of fertilizers at 14.63 MT was 0.5% less than the production of 14.71 Million Tonnes (MT) during 2000-2001. During April-September 2002, the overall production of fertilisers (nitrogen and phosphate) at 7.23 MT was 12.3% less than the target of 8.24 MT; but it was 1.7% more than the production of 7.11 MT during the same period of the last year. The overall capacity utilization in fertilizer industry was 82.2% as compared to the target of 93.7% and the achievement of 83.0% during the corresponding period of the previous year.

Cement

9.18. The overall production of cement during the financial year 2001-2002 at 106.90 Million Tonnes (MT) was more than the target and the production for the previous year by 1.0% and 9.5% respectively. During April-September 2002, the production at 56.82 MT was 4.7% higher than the target of 54.26 MT and recorded a growth of 9.8% over the production for the corresponding period of the previous year. The overall capacity utilization at 78% was higher as compared to 76% achieved during April-September 2001.

Petroleum

9.19. **Crude Oil:** The production of Crude Oil during the financial year 2001-2002 at 32.03 MT was less than the target and the production of the previous year by 1.5% and 1.2% respectively. During April-September 2002, the production at 16.53 MT was slightly more (0.3%) than the target of 16.47 MT and recorded a growth of 5.2% over the production of 15.71 MT for the corresponding period of the previous year.

9.20. **Refinery Production:** The refinery production (in terms of crude throughput) during the financial year 2001-2002 at 107.33 MT was 5.4% less than the target, but recorded a growth of 3.8% over the production of the previous year. During April-September 2002, the production at 55.53 MT was 3.4% less than the target of 57.48 MT, but recorded a growth of 5.6% over the production of April-September 2001. The overall

refinery capacity utilisation during the period under report at 96.6% was higher than the achievement of 93.2% in the corresponding period of the last year.

9.21. **Natural Gas:** The overall natural gas production during 2001-2002 at 29,692 Million Cubic Metre was more than 29,478 Million Cubic Metre gas produced during 2000-2001. A total of 15,340 Million Cubic Metre Natural Gas was produced during April-September 2002 which was 4.2% more than 14,725 Million Cubic Metre Gas produced during April-September 2001.

Follow Up

9.22. The IMD endeavours to present a comprehensive picture of the infrastructure development before the decision making levels of the Government through periodic analytical reports on the performance of the key infrastructure sectors. This is made possible through a close interaction with the sectoral Ministries/Departments and the operating agencies.