

**Infrastructure Projects completed in the year 2004-05:**

**Present Status of Projects**

1. As on 30.6.2004, 605 projects were under implementation with anticipated cost of Rs.2,67,815 crore against the latest approved cost of Rs.2,52,031 crores. Of these projects, 22 projects are ahead of schedule, 140 projects on schedule, 250 projects are behind schedule and 149 projects do not have any definite date of commissioning. The summary of number of projects and their cost sector-wise and state-wise may be seen in Annexure I and Annexure II respectively.

**Project Completion**

2. During the year 2004-05, 267 projects are scheduled to be completed against which 48 projects costing Rs.23,506 have been completed. The break-up of these projects sector-wise and state-wise is given in Annexure III A and III B respectively. Of these projects, 11 projects were completed on schedule and 37 projects were completed with some delay.

3. The details of 48 projects completed during the current year are highlighted below:

**SECTOR: ATOMIC ENERGY**

1. **Third Stage Shaft Sinking, Jaduguda Mine, Jaduguda Jharkhand, (UCIL)**

This project commenced in December, 1998 at an estimated cost of Rs. 61.07 crore and completed in September, 2004. The shaft will be used for mining uranium from a greater depth

**SECTOR: COAL**

2. **Jharkhand OC (1.0 MTY), Jharkhand**

The Jharkhand Open Cast Project of CCL (Central Coalfields Ltd.) was approved in October, 1998 at estimated cost of Rs.110.98 crore for rated production capacity of 1.00 MTY Coal production has since already commenced.

3. **Jhanjra U.G. Linkage-Power/Railwa/Industry (3.5 MTY), West Bengal**

The Jhanjra Underground Project of ECL (Eastern Coalfields Ltd.) was sanctioned by the Government in December, 1982 for rated capacity of 3.5 MTY with capital investment of Rs.184.55 crore. The project got delayed due to break up of USSR got commissioned in April 2004.

4. **Dudhichua OC: (linked to Singrauli TPS & Basket Linkage)(10 MTY), M.P/U.P.**

The project was sanctioned by Government in February, 1984 at an estimated capital investment of Rs.289.68 crore for an annual output of 5 MTY. The project cost was subsequently revised to Rs.1281.39 crore with anticipated completion of March, 2004. The project has since been completed in April 2004.

5. **Nigahi Exp. (10 MTY), M.P.**

The project was sanctioned in July, 1997 at estimated cost of Rs. 1846.49 crore for targeted production capacity of 10 MTY with completion schedule of March, 2004. The project output is linked to the Vinhyachal Super thermal Power Station. The project has since been completed in April 2004.

6. **Naheria UG (0.36 MTY), Madhya Pradesh**

Project is situated in Chhindwara District of Madhya Pradesh State in Pench Area of Western Coalfields Ltd. It was sanctioned by CIL in June, 1996 for a targeted production capacity of 0.36MTY at a capital cost of Rs.46.17 crore. The project has since been completed in April 2004.

7. **Kumbharkhani UG, Maharashtra**

The project was approved in July, 2002 at estimated cost of Rs.34.91 crore for a targeted coal production capacity of 0.30 MTY with commissioning schedule of March, 2004. Work on inclines including Heavy Earth Moving Equipment procurement have been completed in April 2004.

8. **Conversion of Kamptee UG Project to OC Project, Maharashtra**

The project is for conversion of underground to opencast project, sanctioned in May, 2000 for a capacity of 0.65 MTY at an estimated cost of Rs.88.39 crore with a completion schedule of March, 2005. Due to change from U.G to O.C., the project reported completion in April 2004.

9. **Dhurwasa O.C., Maharashtra**

The project was approved in August 2004 for a production capacity of 0.55 MTY at an estimated cost of Rs.62.74. Shovel-dumper system of mining is being adopted for mining operation. The project was undertaken by hiring equipment. Project has since been completed.

10. **Koyagudem OCP, Andhra Pradesh**

The project was approved in November, 2000 at an estimated cost of Rs. 39.14 crore for rated production capacity of 1 MTY with completion schedule of March, 2004. Mining operations commenced since October, 2002. Project has since been completed in April 2004.

11. **Manguru OCP III, Andhra Pradesh**

The project was sanctioned in February, 2001 at an estimated cost of Rs.21.95 crore for production capacity of 1.25 MTY, with completion schedule of March, 2005. OB removal was done by hiring HEMM. Coal production commenced since September 2001. Project has since been completed in April 2004.

12. **KTK-5 Incline:**

The project was sanctioned in June, 2002 at an estimated cost of Rs.40.19 crore for rated production capacity of 0.41 MTY with completion schedule of March, 2004. Production has since commenced and project completed in April 2004.

**SECTOR: INFORMATION & BROADCASTING**

13. **Construction of Doordarshan Building (Phase-II), Mandi House, New Delhi:**

This project was in March 1999 with an original cost of Rs.34.15 crore which has been revised to Rs.81.60 crore. This project has been completed during June 2004. The benefit of this project is to telecast various programmes of Doordarshan on different channels.

**SECTOR: MINES**

14. **Expansion of Captive Aluminium Smelter and Captive Power Plant at Angul, Orissa (NALCO)**

The project was approved by the Government in February, 1998 with commissioning schedule of May, 2002, involving expansion of capacity of aluminium smelter from 2,30,000 Tonnes Per Annum (TPA) to 3,45,000 and that of the captive power plant from the existing level of 720 MW to 840 MW (i.e. addition of one unit of 120 MW) at the existing facility of NALCO at Angul with a total investment of Rs. 2061.98 crores. Mechanical completion of all the 240 pots was achieved way back in January, 2003. However, commissioning could be completed only by October, 2004.

15. **Special Grade Alumina Project, Angul, (Orissa), NALCO**

This is a project based on in-house R&D. It was approved in July, 1995 at a cost of Rs. 56.78 crore with gestation period of 24 months. The project reported completion in September 2004.

**SECTOR: STEEL**

16. **Long Rail facilities, Bhilai Steel Plant, Chhattisgarh :**

The project was approved by the SAIL Board in September, 2002 at an estimated project cost of Rs.320 crore with commissioning schedule of August, 2004. It envisaged production of long rails of 65m/78m and welded rail panels upto length of 260m. The project has since been commissioned on schedule in April 2004.

**SECTOR: PETROLEUM**

17. **Vizag - Secunderabad LPG Pipeline Project, Secunderabad, A.P. (GAIL)**

This project commences in January 2001 at an estimated cost: Rs.490.65 crores. The project envisages laying of 580 Km long (10-12") new LPG Pipeline from Vizag to Secunderabad. Pipeline has been commissioned in May 2004 for pumping LPG to Vijaywada & Secunderabad.

18. **HBJ Pipeline Upgradation, Phase-I(Dahej-Vijayapur Pipeline Project) Multistate -Gujarat, MP (GAIL)**

This project was approved in December 2001 with a cost of Rs.2936.00 crores and completed in April 2004. M/s. Gas Authority of India Ltd. (GAIL) has installed a pipeline system for transportation and distribution of re-gasified LNG in the northern states viz. Rajasthan, Delhi, Haryana, Punjab, M.P., U.P. etc. Entire Stretch of Dahej - Vijayapur pipeline (611 Kms) alongwith all associated facilities commissioned using R-LNG from Petronet LNG terminal at Dahaj.

19. **Refinery Expansion-cum-Modernization Project at Manali, Chennai (CPCL)**

This project was approved in July 2000 at an estimated cost of Rs. 2360.38 crores and completed in July, 2004. The capacity of this project is 3 MMTPA. All the units including OHCU and associated units are commissioned.

**SECTOR: POWER**

20. **Nathpa Jhakri HEP (6x250 MW), Kinnaur/Shimla (HP)**

The project was sanctioned in April 1989 at an estimated cost of Rs.1678.02 crore. The revised cost of this project now is Rs.7666.31 crores. The Capacity of this project is 1500 MWe. The project was commissioned in July 2004. All 6 Hydro Turbine Generators installed and operating on commercial basis.

**SECTOR: RAILWAYS**

21. **Bobbili- Gajapatnagar (Line Doubling) - ECoR - (AP)**

This Line Doubling project (Route length of 32 Kms.) was sanctioned in April, 1990 at an estimated cost of Rs.29.28 crore. The project was to be completed in June, 1994 (Subsequently revised to December, 1995), but actually completed during June, 2004 at a total cost of Rs.36.14 crore.

22. **Rajatgarh-Nergundi-Talcher (Line Doubling) - ECoR - (Orissa)**

This Line Doubling Project of Route Length, 25 Kms., was sanctioned in April, 1994 at an estimated cost of Rs. 41.22 Crore, subsequently revised to Rs. 42.95 Crore. The project was to be completed in June, 1997 but completed during the quarter, April-June, 2004 at a total cost of Rs. 73.82 crore.

23. **Vijayawada-Krishna Canal-3rd Line (Line Doubling) - SCR - (AP)**

This project covering a Route Length 5.05 Kms. was sanctioned in April,1996 at a cost of Rs.23.52 crore (subsequently revised Cost of Rs.41.86 crore in January,1998). Original date of commissioning of the project was March,1999. (subsequently revised to December, 2000). The project has been successfully completed during the quarter, April-June, 2004 at a total cost of Rs. 43.01 crore.

24. **Luni-Barmer-Munabao Gauge Conversion (Gauge Conversion) - NWR - (Rajasthan)**

This project (Route Length 299 Kms.) was sanctioned in April, 1997 at an estimated cost of Rs. 240.00 crore (subsequently revised to Rs. 293.26 crore). The project has been completed at a total cost of Rs. 293.26 crore and opened for traffic during April-June, 2004.

25. **Barasat-Hasnabad Electrification (MTP) - (West Bengal).**

This Metropolitan Transport Project of Route Length 60 Kms., with an estimated cost of Rs. 37.70 crore was sanctioned in April, 1998. Originally it was to be completed in March, 2002 but actually completed in June, 2004.

26. **Jammu Tawi - Udhampur (NL)-NR-**

This New Line project covering a route length of was sanctioned in March, 1981 at an estimated cost of Rs.50 crore. After several revisions in the date of commissioning and cost estimates, the project has been completed in April, 2004, at an anticipated cost of Rs.510 crore. Strategically, this is an important project.

27. **Udhna-Jalgaon Electrification (RE) - WR - (Gujarat/Maharashtra).**

This Railway Electrification (RE) project covering a route length of 306 Kms. has been included in Railway Budget 1997-98 at an estimated cost of Rs. 124.39 crore and was to be completed in March, 2002. The project has been completed during April-June, 2004 at a cost of Rs.199.50 crore.

28. **Angul 60 Loco BG Diesel Shed (Work Shop and Production Unit) - SER - (Orissa)**

This Diesel Shed at Angul was taken up to home 60 locos at an estimated cost of Rs. 23.30 crore (subsequently revised to Rs. Rs.39.89 crores). This project was approved in March, 1991. Originally the project was to be completed in March, 1995 but finally completed in April-June, 2004. The project envisages maintenance of increased fleet of diesel Locos on SE Railway.

29. **Replacement of Microwave Equipment between Gorakhpur and Katihar (Signaling and Telecommunication) - NER - (Bihar/UP)**

The project was sanctioned in April, 1991 at an estimated cost of Rs. 22.49 crore and March, 1999 as completion date. Finally, the project was completed in April - June, 2004 at cost of Rs.31.79 crore.

30. **Virgam-Gandhidham-Kandla (S&T) - CR - (Gujarat)**

This Signaling and Telecommunication project was sanctioned in April, 1998 at an estimated cost of Rs. 25.32 crore (but subsequently revised to Rs. 26.02 crore). Phase-1 of this scheme (at Samakhiali, Katariya and Vasavda) was commissioned in August, 1999. S & T works at Jatpipi, Dhanala and Bachau are completed in March, 2004 and the project has been commissioned

31. **Sealdah North - Control Communication through wireless in place of P & T Cables in 47 Stations (S&T) - ER - (West Bengal).**

The Signaling and Telecommunication project costing Rs. 22.09 crore was sanctioned in March, 1996. Composite contract awarded in May, 2000, for laying of optical fiber cable. Originally the project was to be commissioned in December, 1999 but has been completed during April-June, 2004.

**SECTOR: ROAD TRANSPORT & HIGHWAYS**

**National Highway Development Project (Phase - I) :**

On 5.4.2000, the Union Cabinet approved "in principle" NHDP consisting of Golden Quadrilateral connecting the 4 Metro cities, North - South and East - West Corridor and other works over a length of 13,252 Km at a cost of Rs.54,000 crore as well as to providing connectivity to major ports at a cost of Rs.4,000 crore. Phase - I of NHDP consists of a length of 6,359 Km at a cost of Rs.30,300 crore. This project has been sub- divided into :

- i) Golden Quadrilateral
- ii) North South Corridor
- iii) East corridor
- iv) Port Connectivity

The details of completed projects during the current year are as follows:

32. **Nandigama - Vijayawada(OP):**

Project cost is Rs.138.65 crore. The project has since been completed in May 2004.

33. **Jalandhar Bypass (Km 372.7 - 387.1) (NS - I) :**

Project cost is Rs.63.46 cr. The project has since been completed in June 2004.

34. **Guwahati Bypass (Km 146 - 156.5) (EW-II) :**

Project cost is Rs.63.69 cr. This project has since been completed in June 2004.

35. **Bhilwara Bypass - Chittorgarh (Km 120-183) (GQ):**

Project cost is Rs.202.88 crore. The project has since been completed in April 2004.

36. **Dalkhola - Islampur (Km 476.15 - 500) (EW-I) :**

Project cost is Rs.72.56 crore. The project has since been completed.

37. **Bangalore - Salem - Madurai (Km 248.1-259.6) (NS-II) :**

Project cost is Rs.21.40 cr. The project has since been completed.

38. **Aluva - Angamali (Km 332.6 - 316) (NS-II) :**

Project cost is Rs.77.38 cr. The project has since been completed in April 2004.

39. **Ahmedabad-Vadodara Expressway, Gujarat ( GQ)**

The project was approved in January, 1986 at a cost of Rs.128.40 crores for completion by December 1991. The 92.85 Km highway consists of 6 lanes designed for a maximum speed of 120 Km per hour. This project was the first high speed toll expressway in the country, and reported maximum time and cost overrun due to the failure on the part of road contractor twice. The project has since been completed in May 2004.

40. **Naini Bridge over Yamuna River at Allahabad with Approach Road on NH-27 in U.P. (GQ)**

Naini Bridge project was approved in March, 1995 for implementation with OEFC (now Japan Bank of International Cooperation) (JBIC) assistance. The original estimated cost of the project is Rs.100.36 crore (3/1995) which was subsequently revised to Rs. 219.78 crore with completion schedule of May, 2004. The project has since been completed July 2004.

41. **Gulabpura-Bhilwara Bypass, Rajasthan - 50kms**

The project was approved in November, 2001 for completion by May, 2004 at an estimated cost of Rs. 164.25 crore. The project has been completed in September, 2004.

42. **Port Connectivity to Mormugao Port, Goa - 13 kms**

The project was approved in April, 2001 scheduled for completion by April, 2003 has been completed in June, 2004 at an estimated cost of Rs. 80 crore.

43. **Sarai Cholia to Morena, M.P. - 15 kms**

The project approved in September, 2001 at an estimated cost of Rs. 49 crore for completion by August, 2003 has been completed in August, 2004.

44. **Nellore By-pass, Andhra Pradesh - 17.16 kms**

The project was approved in October, 2002 was scheduled for completion by October, 2004 has been completed one month ahead of schedule in September, 2004.

**SECTOR: SHIPPING & PORTS**

45. **Replacement of Dredger Coleroon:**

The project was approved in August, 2004 at an estimated cost of Rs.70 crore with the original completion schedule of January,2000. Work order was placed on M/s Cochin Shipyard Ltd. who were collaborating with M/s. IHC, Holland. Fabrication of the dredger has been completed and Dredger "Cauvery" delivered on 21.05.04.

46. **Deepening of Berth No. 9 and approach channel at Mormugao Port:**

This project was awarded to M/s. Jaisu Shipping Co. Ltd., Kandla at an estimated cost of Rs. 25 crore. The project has been completed at a total cost of Rs.29.74 crore, in April-June, 2004.

47. **Procurement of 4 Nos. MT Cranes for General-Cum-Bulk Cargo Berths - (AP).**

The project was sanctioned at an estimated cost of Rs.32.64 crore (Anticipated cost is Rs.27.54 crore) in October, for procurement of 4 Nos. of cranes for use at outer harbour. The cranes have been procured in June, 2004

48. **Replacement of Common Users Shore Pipeline.**

The project was sanctioned in February, 2000 at an estimated cost of Rs.69.50 crore. The scope of the work involves replacement of the on - shore pipelines from Pir Pau Manifold to Sewree - Wadala marketing storage. The Pipelines were scheduled for completion schedule of June, 2003 but finally completed in June, 2004.

49. **Acquisition of 2 Nos. 1, 46,860 DWT Crude Oil Tanker from M/s DAEWOO:**

The project was sanctioned in December, 2001 at estimated cost of Rs.457.78 crore with commissioning schedule of September, 2004. The Crude Oil Tankers were acquired in May, 2004.

**SECTOR: URBAN DEVELOPMENT**

50. **Construction of New Central Annex Building "Bhasa Bhavan for National Library", Kolkata.**

This project commenced in March 1989 at a cost of Rs.35.34 crores. The cost has been revised to Rs.77.04 crore. This project was completed in December 2003 by the CPWD and handed over in June 2004.

51. **Construction of permanent campus for IGNOU at Maidan Garhi, New Delhi.**

This project was approved in November 1991 at a cost of Rs.21.74 crores. The revised cost of this project is Rs.32.30 crores. This project was completed in June 2004.