

## Some Special Programmes

1	Revised Long Term Action Plan (RLTAP)
2	Bharat Nirman Programme
3	35% Irrigation Master Plan
4	Hirakud Development Plan
5	Bechmarking of Irrigation Projects

### 1. Revised Long Term Action Plan (RLTAP)

The KBK region is one of the most backward regions of the country. The problems of KBK districts and poverty conditions prevailing in the area are a matter of concern. To solve the problems, Long Term Action Plan (LTAP) was launched during 1995-96. The additional funds released by Government of India to this scheme were meager for which work under LTAP could not be taken up for all practical purposes. In 1998, on the advice of Government of India, a revised Action Plan covering a period of 9 years from 1998-99 to 2006-07 for implementation of LTAP for KBK districts was prepared.

### Irrigation Sector Status

To provide sufficient irrigation for mitigating the chronic drought problem, a number of new irrigation projects have been proposed under this scheme in long term, medium term and short-term basis. To take up new irrigation projects in KBK districts, particularly for major, medium & minor (flow), Govt. of India has modified the AIBP guidelines and agreed to provide central assistance under relaxed norms. As a result, 7 new Major and Medium Irrigation Projects and 81 Minor Irrigation Projects have been taken up under AIBP. Further, two major projects namely Upper Indravati & Upper Kolab started under AIBP during 1996-97 & 1997-98 has also been included under RLTAP.

Apart from AIBP, the Special Central Assistance released under RLTAP has also been utilized to take up Lift Irrigation and other Minor Irrigation Projects. These projects are now executed under "BKVY" banner. The status of RLTAP is given in the following table.

#### Status as on 31.03.2009

Description	Major & Med.	Minor (flow)				Lift Irr. (OLIC & OAIC)	Grand Total
		AIBP	BKVY (SCA)	ACA	Total		
1. Projects taken up (Nos.)	9	81	34	3	118	1797	1924
2. Projects comp. (Nos.)	3	19	27	2	48	1602	1653
3. Projects ongoing (Nos.)	6	62	7	1	70	195	271
4. Irrigation command Area (Th.ha.)							
(a) New Creation	151.59	23.359	4.17	0.061	27.59	40.21	219.39
(b) Revival	-		1.885	-	1.885	3.37	5.255
5. Potential created	38.966	9.584	2.918	-	12.502	34.45	85.918

(Th.ha.)							
6. Potential revived (Th.ha.)	-	-	1.708	-	1.708	3.17	4.878

\* Total Irr. Potential created under AIBP in KBK District is 47.88 th.ha, Out of which 38.966 th.ha has been created under RLTA .

## 2. Bharat Nirman Programme

This is a time bound programme (2005-2009) launched for building rural infrastructure in the areas of Irrigation, Roads, Housing, Water Supply, Electrification & Telecommunication connectivity. Specific targets are to be achieved under each sector. The irrigation component of Bharat Nirman aims at creation of irrigation potential of 100 lakh hectare in four years i.e. from 2005-06 to 2008-09 at National level. Orissa has proposed to create 3.923 lakh ha. of additional irrigation potential with projected investment of Rs.2649.29 cr. **No separate funding is available for this programme.** All ongoing projects executed under existing schemes such as AIBP, RIDF, SCA, RR&R schemes are clubbed up under this programme. The Achievement of Bharat Nirman is given in the table below.

### Irrigation Potential (Status as on 31.03.2009)

Sector	Target ( th.ha.)			Achievement ( th.ha.)		
	New	Revival	Total	New	Revival	Total
Major & Medium	Kh- 159.89 Rabi- 99.51	-	259.40	71.01	19.915	90.93
Minor (flow)	31.63	20.40	52.03	36.27	25.58	61.85
Minor(River Lift)	60.02	2.34	62.36	68.04	7.81	75.85
Ground Water	18.56	-	18.56	8.73	0.22	8.95
<b>Total</b>	369.61	22.74	392.35	184.05	53.53	237.58

### Potential Created during 2008-09

Sector	Achievement ( th.ha.)		
	New	Revival	Total
Major & Medium	47.685	7.873	55.558
Minor (flow)	12.484	0.915	13.399
Minor(River Lift)	27.945	5.284	33.229
Ground Water	3.402	0.22	3.622
<b>Total</b>	<b>91.516</b>	<b>14.292</b>	<b>105.808</b>

### 3. 35% Irrigation Master Plan

There is a wide difference in geographical distribution of irrigation facility in the state. Some blocks have more than 50% irrigation facility whereas other blocks have less than 5% facility. Krishnaprasad block in Puri district has no irrigation facility. Government have, therefore, decided that a Master Plan for each district should be drawn up so as to provide at least 35% irrigation in every block during the next five years i.e. from 2005-06 to 2009-10. Collectors were requested to prepare Master Plan of their districts. All Collectors submitted their Master Plan, which incorporates Major/Medium, Minor, lift and other sources of Irrigation. 198 blocks were having less than 35% irrigation facility. While submitting the Master plan the Collectors have indicated 27 blocks in Orissa will not be able to achieve 35% irrigation facility by 2009-10. By March 2009, 27 such deficit blocks have achieved 35% irrigation facility. There is a target to bring 08 blocks under 35% irrigation coverage during the current financial year 2009-10. Efforts are being made to explore the possibilities of augmenting irrigation potential in these blocks through other sources of irrigation by identifying suitable sites for water harvesting structures, check dams, nala bunds etc. and also by identifying suitable pockets like ground water prospect zones, ground water recharge points such as percolation tank, recharge pit etc.

Blocks having irrigation coverage less than 35% is given in the table below.

Sl. No	Name of the District	Total No of Blocks	Nos.	Name of the Blocks
1	Angul	8	6	Anugul, Athamallik, Kisorenagar, Talcher, Kaniha, Pallahara
2.	Balasore	12	8	Balasore, Remuna, Basta, Jaleswar, Baliapala, Oupada, Soro Bahanaga
3.	Bargarh	12	8	Bhatli, Ambabahona, Sohela, Bijepur, Jharbandha, Padmapur, Gaisilet, Pikamal
4.	Bhadrak	7	1	Chandabali
5.	Boudh	3	1	Kantamal
6.	Bolangir	14	13	Bolangir, Deogaon, Gudvella, Loisinga, Puintala, Belpada, Khaparakhole, Patnagarh, Bongamunda, Muribahal, Sainatala, Titilagarh, Tureikala
7.	Cuttack	14	6	Athagarh, Tigiria, Badamba, Narsingpur, Banki-I, Banki-II
8.	Deogarh	3	2	Teleibani, Barkote
9.	Dhenkanal	8	5	Dhenkanal, Odapada, Gondia, Hindol, Kamakshya Nagar
10.	Ganjam	22	1	Jaganathprasad
11.	Gajapati	7	5	Gumma, Rayagada, Nuagada, R. Udayagiri, Mohana
12.	Jagatsingpur	8	2	Erasama, Naugaon
13.	Jajpur	10	5	Korei, Danagadi, Sukinda, Bari, Rasulpur
14.	Jharsuguda	5	5	Jharsuguda, Kolabira, Kirimira, Laikera, Lakhanpur

Sl. No	Name of the District	Total No of Blocks	Nos.	Name of the Blocks
15.	Kalahandi	13	8	Bhawanipatna, Kesinga, Th.Rampur, Narla, M.Rampur, Lanjigarh, Koksara, Golamunda
16	Kendrapada	9	5	Aul, Gardapur, Mahakalpada, Rajkanika, Rajnagar
17.	Kandhamala	12	11	Phulbani, Phiringia, Tikabali, chakpad, G. Udayagiri, Raikia, Balliguda, K. Nuagaon, Tumudibandha, Kotagada, Daringbadi
18.	Khurda	10	6	Khurda, Begunia, Bolagarh, Tangi, Chilika, Jatni
19.	Koraput	14	9	Boriguma, Bipariguda, Kundra, Koraput, Potangi, Nandapur, Lamtaput, Dasamantapur, Laxmipur
20.	Keonjhar	13	11	Anandapur, Bansapal, Champua, Ghatagaon, Harichandanpur, Jhumpura, Joda, Keonjhar, Patna, Saharapada, Telkoi
21.	Malkangiri	7	5	Khairput, Kodumul ugumma, Korukunda, Malkangiri, Mathili
22	Mayurbhanj	26	21	Baripada, Sulipada, Bangiriposi, Saraskana, Kuliana, Betnoti, Morada, Rasgobindapur, Badasahi, Kaptipada, G.B.Nagar, Karanjia, Sukuruli, Thakurmunda, Jasipur, Raruan, Bisoi, Kusumi, Bahalda, Tiringi, Jamda
23.	Nayagarh	8	5	Bhapur, Daspalla, Gania, Nuagaon, Odagaon
24.	Nowrangpur	10	10	Nowrangpur, Nandahandi, Tentulikhunti, Papadahandi, Kosagumuda, Debugaon, Jharigaon, Umerkote, Raighar, Chandahandi
25.	Nuapada	5	5	Nuapada, Komna, Kharihar, Boden, Sinapalli
26.	Puri	11	3	Kanas, Krushnaprasad, Astaranga
27.	Rayagada	11	6	Kolnara, Kasipur, Gudari, Bisamkatak, Muniguda, Chandrapur
28.	Sambalpur	9	6	Rengali, Rairakhol, Naktideol, Jamankira, Kuchinda, Bamra
29.	Subernapur	6	2	Tarva, Biramaharajpur
30.	Sundergarh	17	17	Balisankara, Subdega, Sundergarh, Hemgiri, Lephripada, Tangarapalli, Bargaon, Kutra, Rajgangpur, Kuanramunda, Nuagaon, Bisra, Lathikata, Gurundia, Bonai, Lahunipada, Koida
	<b>Total</b>	<b>314</b>	<b>198</b>	

### Achievement

By the end of March 2009, out of 198 deficit blocks, 29 blocks namely Jatni, Tangi, Kusumi, Saraskana, Baripada, Badasahi, Kaptipada, Kuliana, Morada, Sulipada, Betnoti, Odapada, Kamakhyanagar, Odagaon, Lephripada, Gumma, Kanas, Muniguda, Aul, Telkoi, Baliapal, Jaleswar, Basta, Borigumma, Laxmipur, Baramba, Kantamal, Chandbali & Rasulpur have achieved 35% irrigation coverage.

#### 4. Hirakud Development Plan

Hirakud multi-purpose project completed 50 years of its glorious existence in 2007. It occupies a pride of place in the state's progress, as it has contributed immensely to the control of floods, generation of electricity and providing irrigation facilities to the farmers in the Mahanadi delta. The project was originally designed to provide irrigation to 153750 ha of land in Khariff season and 76875 ha of land in rabi season. After so many years of its existence, the Hirakud project is irrigating 163036 ha in khariff and 115481 ha in rabi, much more than what was envisaged in the project originally. It is true that despite a larger area having been brought under irrigation there are pockets especially the tail-end areas where the agricultural fields are not getting water or getting inadequate water. This is due to the fact that the canal systems get deteriorated resulting in decrease in carrying capacity of canal. It is also observed that over drawal of water at head reaches makes water scarcity in tail-end areas even though design discharge in the canal has been maintained. Participatory irrigation management (Pani Panchayats) provide a platform to sit together, take stock of the total availability of water and its scientific use with a view to serving the need of all the farmers in the command.

It has been the government's endeavor to improve canal systems from time to time and also to sensitise farmers about judicious use of water. Programmes to develop a part of the Hirakud command area were taken up under World Bank supported Water Resources Consolidation Project (WRCP) and Accelerated irrigation Benefit programme (AIBP). At present, Rampur & Berkley system modernization work is under progress through NABARD. It is proposed to consolidate irrigation in the balance command area of Hirakud system through State Fund and World Bank funded Orissa Water Sector Improvement Programme (OWSIP).

During 2007-08, a sum of Rs.2.00 crore and during 2008-09, a sum of Rs.49.95 crore was spent from state's own resources for system improvement work. During 2009-10, budget provision of Rs.25.00 crore made from state's own resources and following works are proposed.

#### WORKS PROPOSED DURING 2009-10

Sl.No.	Name of Work	Amount (Rs. in Crore)
1	Excavation of approach channel to u/s of Sason Canal Head Regulator in Hirakud Reservoir & improvement of distribution systems	22.00
2	CAD&WM activities	1.00
3	Lift irrigation	2.00
	<b>Total</b>	<b>25.00</b>