



## Project Planning & Formulation

Project Planning & Formulation forms an integral part of Irrigation Development System. The Project Planning & Formulation wing has been entrusted with the tasks of undertaking survey and investigation of new Major and Medium Irrigation Projects, preparing feasibility report, Detailed Project Report, co-ordinating for obtaining technical and other statutory clearances from Govt. of India. The survey & investigation work starts with toposheet study for identification of head works and command area followed by preliminary topographical surveys, hydrological surveys and sub-surface investigations. Thereafter, feasibility report is prepared and submitted to Central Water Commission for scrutiny and clearance. After getting clearance from Central Water Commission, the detail surveys are carried out for preparation of Detailed Project Report (DPR). The DPR is prepared as per Guidelines of Central Water Commission and placed before Technical Advisory

Committee of MoWR for scrutiny and clearance. Apart from technical surveys, socio-economic surveys, rehabilitation & resettlement surveys etc. are being carried out & their reports are submitted to concerned Ministries for clearance. After obtaining all statutory clearance, the Planning Commission finally accord Investment clearance of the Project.

### Sector Status

Technical Advisory Committee (TAC) of MoWR, Govt. of India & Department of Water Resources, Govt. of Odisha have given technical clearance to 10 Major & Medium Irrigation Projects. Apart from that Detailed Project Report (DPR) of 19 Major & Medium Irrigation Projects and feasibility report of 5 projects have been submitted to Central Water Commission. At present DPR of 4 projects and survey & Investigation of 22 projects are in progress. The details are given below.

**Table - 4.27**  
**Projects Technically Cleared by CWC / State TAC**

Sl. No.	Project	District to be Benefited	CCA (Th.ha.)
1	Samakoi Barrage	Angul	9.99
2	Brutang Dam	Nayagarh	23.30
3	Dhauragoth Dam	Angul	2.23
4	Katra Dam	Mayurbhanj	8.00
5	IB Dam	Sundargarh	106.28
6	Sono Barrage *	Mayurbhanj	9.90
7	Bankatira Barrage *	Balasore	6.10
8	Upper Lanth	Bolangir	4.70
9	Kulumu Barrage*	Nayagarh	<b>3.00</b>
10	Ong Dam	Baragarh	30.00
	<b>Total</b>		<b>203.50</b>

\* Cleared by State TAC.



**Table - 4.28**  
**Project for which DPR submitted to CWC for Technical Clearance**

Sl. No.	Project	District to be Benefited	CCA (Th.ha.)
1	Ahirajore Barrage *	Jharsuguda	2.20
2	Lower Nagavali Dam*	Rayagada	8.50
3	Champalijore Dam*	Sambalpur	5.60
4	Lamdora Dam	Sambalpur	7.30
5	Korapani Dam*	Sundargarh	3.50
6	Turi-Guntat Dam *	Nawarangpur	9.14
7	Khairibandhan Dam	Mayurbhanj	6.95
8	Jeera *	Bargarh	4.80
9	Sandul Dam *	Kalahandi	5.00
10	Ranjore Dam *	Bargarh	4.13
11	Hidsingh Dam*	Angul	2.96
12	Kutulasingha Dam *	Dhenkanal	2.54
13	Upper Vansadhara Dam	Rayagada	9.63
14	Lower Vansadhara (Stage-1)	Rayagada	22.15
15	Mankada*	Angul	9.85
16	Nawarangpur Irrigation	Nawarangpur	15.00
17	Tel Integrated	Nawarangpur	9.90
18	Udanti Barrage	Nuapada	8.00
19	Kala	Deogarh	3.20
20	Laxmipather	Boudh	4.05
	<b>Total</b>		<b>144.44</b>

\* DPR accepted.

**Table - 4.29**  
**Projects for which DPR are under preparation**

Sl. No.	Project	District to be Benefited	CCA (Th.ha.)
1	Surubalijore Dam	Sonepur	7.09
2	Uttei Roul Integrated (Barrage & Dam)	Kalahandi, Balangir	51.00
3	Hinjili Dam	Deogarh	4.80
4	Brahmani Padar Dam	Kalahanadi	3.20
	<b>Total</b>		<b>66.09</b>

**Table - 4.29**  
**Projects for which Feasibility Report Submitted to CWC**

Sl. No.	Project	District to be Benefited	CCA (Th.ha.)
1	Govindpalli Dam	Malkangiri	24.00
2	Samij Dam	Sundargarh	3.05
3	Salki Hydroelectric	Boudh	19.80
4	Middle Kolab	Malkanagiri	18.00
5	Khadago Barrage	Kandhamala	37.14
	<b>Total</b>		<b>101.99</b>



**Table - 4.30**  
**Projects under Survey & Investigation for Preparation of Feasibility Report**

Sl.No	Project	District to be Benefited	CCA (Th.ha.)
1	Lower Lanth Barrage	Bolangir	11.000
2	Katangi Dam	Bargarh, Bolangir	7.180
3	Nandini	Gajapati	20.000
4	Banta	Ganjam	2.652
5	Tilisingi Barrage	Ganjam	11.000
6	Badanadi Dam	Ganjam	3.400
7	Kuchila Barrage	Jajpur	Balancing, Industry
8	Ardalua Barrage	Jajpur	
9	Sagada	Kalahandi	30.000
10	Kusei	Keonjhar	4.000
11	Bhimkund Barrage (Rajnagar)	Keonjhar	36.000
12	Upper Samakoi Dam	Keonjhar	9.000
13	Dahuka	Khurda	2.700
14	Budhabalanga Barrage	Mayurbhanj	8.000
15	Barmul H.P	Nayagarh	97.000
16	Lower Bhaskel	Nawarangpur	14.400
17	Pattangi	Nawarangpur	
18	Samandu	Sambalpur	2.625
19	Bijepur Mega Lift	Bargarh	18.000
20	Bargarh Nallah	Bargarh	1.608
21	Banjari Nallah	Bargarh	2.419
22	Chandrinalla Dam	Sundargarh	5.000
23	Suidihi dam	Sundargarh	3.233
24	Ghogar Barrage	Sundargarh	9.980
25	Telijore Dam	Sundargarh	62.700
26	Sankhabhanga Barrage	Sambalpur	16.577
27	Jaleswar Barrage	Balasore	27.000
28	Katra Barrage	Mayurbhanj	4.200
	<b>Total</b>		<b>409.674</b>



*Gania Nalla MIP (Digapahandi Ganjam)*