



GOVERNMENT OF ORISSA

DEPARTMENT OF WATER RESOURCES

**ANNUAL REPORT
OF
NUAPADA IRRIGATION DIVISION
NUAPADA
FOR THE YEAR 2017-18**

Executive Engineer
Nuapada Irrigation Division
Nuapada

SAIPALA IRRIGATION PROJECT

Saipala Irrigation Project is a reservoir scheme and inter district Project constructed across a tributary of River Ong near village Saipala at about 20 Kms from Nuapada in the District of Nuapada. The project comprises of an earth dam, a gated spillway and two distributary canals. The dam is situated at Latitude of 20° 48' 00" N and Longitude 82° 48' 00" E and the catchment area is 86.30 Sq. Km.

Saipala Irrigation Project was taken up during the year 1972-73 and completed during the year 1982-83 at the cost of Rs.218.63 lakhs and the first irrigation water had been provided during the year 1978-79.

The designed cultivable command area of the project is 2752 ha and designed rabi ayacut is 1032 ha. The certified ayacut is 1691 ha. In Khariff, 767 ha in Rabi under Bargarh District and 561 ha in Khariff and 265 ha ha in Rabi under Nuapada District respectively.

The Khariff achievement for the year 2017-18 is 2252.00ha and Rabi programme is not finalized due to non availability of water in the Reservoir.

Five numbers of Pani Panchayats has been formed under this Project and they are looking after the branch canals of the distributary system.

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DUMERBAHAL IRRIGATION PROJECT

Dumerbahal Irrigation Project is a reservoir scheme constructed across a tributary of River Ong near village Dumerbahal. The Project is located at about 25 kms from Nuapada District. The Project comprises of Earth Dam, concrete spillway and a Main Canal with distribution system. The dam is situated at latitude is 20° 51' 00" N and longitude 82° 41' 00" E The catchment area of the Project is 90 Sq km.

The total design ayacut area of this project in Khariff is 2800 ha and in Rabi is 1120 ha. The certified ayacut is 2830 h. The entire ayacut area is in Bargarh District, though the head works and reservoir are in Nuapada District. The Project was taken up during the year 1974-75 and completed in June 1982 at the cost of Rs.366.65 lakhs. The first irrigation was provided during the year 1979-80. But, in the year 1998-99, an extension of canals was taken up in Dhenkimunda Minor to create further irrigation potential of 770 ha by NABARD Assistance and to achieve this, the storage capacity of the reservoir was also increased by fixing gates over the crest of spillway. There by the water can be stored up to MWL i.e 292.50m increasing the height by 2.94m from FRL i.e 289.56m. But, the water is not being stored because consequent upon fixing of the gate an additional area of 207.27 Acre of private land of villages Jampani, Tongo Pani, Sareipali, Khaliapani will be submerged in the reservoir. At present the re-field survey work is taken up for land acquisition proposal.

The Khariff achievedment for the year 2017-18 is 2830 ha and Rabi programme is not finalized due to non availability of water in the Reservoir.

Eight numbers of Pani Panchayats has been formed under this Project and they are looking after the branch canals of the distributary system.

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JHARBANDH IRRIGATION PROJECT

Jharbandh Irrigation Project is a reservoir project constructed across Kokri Jhar Nallah, a Tributary of River Ong in Mahanadi Basin, 20 Kms from Paikmal in Jharbandh Block of Bargarh District. The project comprises of an Earth Dam, ungated Ogee spillway and two Main Canals. The Dam is situated at Latitude of 21° 02' 30" N and Longitude 82° 47' 00" E and the catchments intercepted is 62.00 Sq.km. The cost of the Project is Rs.340.55 Lakhs.

The designed ayacut area during Khariff is 2043 ha. in Rabi is 428 ha. The ayacut certified so far in Khariff is 2125 ha. The Project was taken up during the year 1977-78 and was completed by the year 1987-1988. The first Irrigation has been provided during the year 1984-85.

The Khariff achievedment for the year 2017-18 is 2125 ha and Rabi programme is finalized for 200.00 ha.

Seven numbers of Pani Panchayats has been formed under this Project and they are looking after the branch canals of the distributary system.

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STAFF POSITION OF NUAPADA IRRIGATION DIVISION ,N

Sl. No	Name of Post	Sanctioned strength	Existing	Name of incumbent holding the post
1	2	3	4	5
DIVISION OFFICE				
1	Executive Engineer	1	1	Er. H.C.Patel
2	Assistant Executive Engineer (Estimator)	1	1	Vacant
3	Assistant Engineer (Estimator)	1	1	Sri Nimai Naik
4	Divisional Accounts Officer	1	0	Vacant
5	Head Clerk	1	1	Sri Dhoba Naik
6	Senior Clerk	1	0	Vacant
7	Juniour Clerk	4	3	Sri Radhe Shyam Rout Sri Bhimsen Podha Sri Janardan Nayak
8	Draughtsman	1	1	Sri P.K.Nayak
9	Junior Stenographer	1	0	Vacant
	Tracer	1	0	Vacant
	Daftary	1	0	Vacant
10	Peon	7	3	Sri Mansingh Rout Sri Jogeswar Biswal Sri Mansingh Rana
11	N.W.M.	1	0	Vacant
MANDOSIL IRRIGATION SUB-DIVISION, MANDOSIL				
1	Deputy Executive Engineer	1	0	Vacant
2	Assistant Engineer	1	0	Vacant
	Junior Engineer	2	2	Sri Tarun Kumar Kalet Sri Sunil Kumar Sethi
6	Juniour Clerk (SDC)	1	0	Vacant
7	Peon	1	1	Smt Tejiabai Sahu
NUAPADA IRRIGATION SUB-DIVISION, NUAPADA				
1	Assistant Executive Engineer	1	1	Vacant
2	Assistant Engineer	1	0	Vacant
6	Juniour Engineer	2	2	Sri S.R.Pradhan Sri B.Pradhan
7	Juniour Clerk (SDC)	1	1	Smt Sebati Sahoo
8	Peon	1	1	Sri G.Padhia
JHARBANDH IRRIGATION SUB-DIVISION, JHARBANDH				
1	Assistant Executive Engineer	1	1	Sri S.Sahoo
2	Assistant Engineer	1	1	Sri G.C.Panda
5	Juniour Engineer	2	0	Vacant
6	Juniour Clerk (SDC)	1	1	Sri Lokanath Ratha
7	Peon	1	1	Sri Bibhisn Pradhan

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IRRIGATION POTENTIAL

Sl. No	Name of the Project	G.C.A	Designed CCA		Intensity of Khariff	Certified ayacut	Achivement during 2017-2018	
			Khariff	Rabi			Khariff	Rabi
1	2	3	4	5	6	7	8	9
1	Dumerbahal Irrigation Project	3598.00	2800.00	1120.00	2660.00	2830.00	1400.00	0.00
2	Saipala Irrigation Project	3441.00	2752.00	1032.00	2477.00	2252.00	2252.00	0.00
3	Jharbandh Irrigation Project	2598.00	2043.00	428.00	1940.00	2125.00	1021.53	250.00

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DEVELOPMENT WORKS

Sl. No	Name of the scheme	Allotment for the year 2017-18 in Lakhs	No. of Projects taken	Estimated cost in lakhs	Expenditure in Lakhs	% of Expenditure
1	2	3	4	5	6	7
1	Critical lump	155.00	9	155.00	154.86	99.91
2	R.E (Plan)	40.00	1	40.00	33.96	84.90
3	DRIP	273.00	1	641.00	260.04	95.25
4	Repair & Maintenance of canals	65.00	52	65.00	63.51	97.70
5	Repair & Maintenance of Buildings	19.50	13	19.50	18.12	92.92
6	Maintenance of R.E	2.00	1	2.00	1.97	98.50
7	IRC & IS	36.25	1	125.00	36.15	99.72

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INFORMATION REGARDING EXISTING RIVER / SALINE EMBANKMENTS OF NUAPADA IRRIGATION DIVISION, NUAPADA

Sl. No	District	Basin	River	Left / Right	Name of the embankment	Type & length of embankments in Kms				Remarks
						CE	OAE	TRE	Saline	
1	Bargarh	Mahanadi	Ong	L/R	Lergaon embankment (Embankment of river Ong near village Lergaon)		0.70			
2	Bargarh	Mahanadi	Un-named tributary of Ong	L/R	Pipalchhendi embankemnt (Embankemnt near pipalchhendi in D/S of spillway of Saipala Irr. Project)		1.10			
3	Bargarh	Mahanadi	Un-named tributary of Ong	L	Bhutmunda embankment (Embankment near village Bhutmunda in D/S of spill way of Dumerbahal Irrigation Project)		0.80			
4	Bargarh	Mahanadi	Kakrajore	L/R	Kotna embankment (Embankment near village Kotna in D/S of spillway of Jharbandha Irrigation project)		0.50			
Total :							3.10			

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