

Hydrology Project

Hydrology Project Phase-I

In Hydrology Project Phase-I, we have established 65 nos. of Hydro meteorological manually operated stations. The data collected from different stations have been stored in Surface Water Data Entry System (SWDES) database. The stored data can be useful for Hydrological Information System (HIS) and Decision Support .

Hydrology Project Phase-II

In HP Phase-II, 107 no.s of RTDAS (ARS-64, AWS-23 & AWL-20) stations have been installed covering all eleven River Basins of Odisha. The data from the RTDAS stations have been stored in server installed at the State Data Processing Centre, Bhubaneswar.

Table - 4.14

RTDAS Station proposed under National Hydrology Project in Odisha

Sl. No.	Basin	ARS	AWS	AWL	Total
1	Subarnarekha	8	4	5	17
2	Budhabalanga	12	5	0	17
3	Baitarani	24	1	3	28
4	Brahmani	35	4	4	43
5	Mahanadi	58	20	10	88
6	Rushikulya	20	6	5	31
7	Vamsadhara	12	3	0	15
8	Nagabali	5	0	0	5
9	Indravati	10	0	1	11
10	Kolab	16	2	2	20
	TOTAL	200	45	30	275



Installation of Automatic Water Level Recorder at Nesa Dam

National Hydrology Project (NHP)

Concept

1. Expand & upgrade Water Resources (Hydro-meteorological) monitoring system adopting latest technology using telemetry system.
2. Transmission of hydro-meteorological data to a National Water Resources Information System.
3. River bathymetric surveys for critical areas.
4. Real Time Flood forecasting model for Budhabalanga river basin & Tel Sub-basin.
5. Modelling of sediment yield and distribution in Rengali Reservoir.
6. Institutional strengthening & capacity building.
7. Duration of the scheme: 08 years

Project Period

Stage-I: (FY 2016-17 to FY 2019-20)- 4 years

Stage-II: (FY 2020-21 to FY 2023-24)- 4 years

Proposal for Odisha (SW) finalized- ₹60.00 Cr.

Share in Crores

Sl No	Implementing Agency	Tentative Allocation	World Bank	Govt. of India
1	Odisha (SW)	60	30	30

Expenditure Finance Committee (EFC) has recommended that NHP may be taken up as 100 % Central Sector Scheme, without seeking any budgetary support from States/ Organization to facilitate smoother implementation of project.

Budgetary Outlay for the FY:2016-17

Sl. No.	Sector/ Scheme	Budget Estimate (2016-17)	Expenditure (2016-17)
1	95-Hydrology Project, (EAP Commercial) (State Budget)	830.00 Lakhs	612.00 Lakhs
2	National Hydrology Project (NHP) (Grant-in Aid)	67.00 Lakhs	Nil

