



**GOVERNMENT OF INDIA**

**Ministry of Jal Shakti**

**DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA  
REJUVENATION**

**OUTPUT-OUTCOME MONITORING FRAMEWORK DOCUMENT: 2019-20**

**DEMAND NO. 60**

**DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA  
REJUVENATION**

Water Resources, River Development and Ganga Rejuvenation

1. National River Conservation Programme (CS)

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
1220	Protection, Stabilisation and Conservation of river Ganga by preventing direct discharge of sewage water in Ganga	No of sewage treatment plants	90 (including target of 2018-19)	Improved water quality to achieve prescribed bathing standards by 2022.	Change in B.O.D content	≤ 3 mg/l
		Sewage treatment capacity (MLD)	1500 (including target of 2018-19)			Change in D.O. content

2. National Ganga Plan and Ghat Works – Namami Gange (CS)

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
750	National Ganga Plan					
	1. Pollution abatement through regulation of direct discharge of	Reduction in number of non-complying Grossly Polluting Industries	150	Improved water quality to achieve prescribed bathing standards by 2022.	Change in B.O.D content	≤ 3 mg/l

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
	industrial waste in Ganga and monitoring of water quality	Number of water quality monitoring stations installed (Manual & Real Time)	40 Real Time Water quality Monitoring stations (RTWQMS)		Change in D.O. content	≥ 5 mg/l
	2. Protection, stabilization and conservation of river Ganga by preventing direct discharge of sewage waste in Ganga	No. of Sewerage Treatment Plants	40 (including target of 2018-19)			
		Sewage Treatment capacity (MLD)	1000 (including target of 2018-19)			
	3. Maintaining cleanliness on river edges and better infrastructure for social and cultural activities	Construction /Modernization of Ghats	85 (including targeted 75 of 2018-19)	Increasing social outreach for public participation and encouraging healthy and hygienic practices.	Increase footfall at the Ghat and crematoria	Improved footfall at the Ghats and crematoria in order to bring people much closer to river Ganga
	4. Better infrastructure for cremation rituals, preventing unburnt bodies disposed into river Ganga	Construction/Development of Crematoria	36 (including targeted 26 of 2018-19)			
	5. IEC Activities	IEC activities in Melas/ Mass baths/ Exhibitions/ Competitions/ Advertisement/ usage of social media and continuous activity	Approximately 50 activities round the year including fortnight mass awareness campaigns (Ganga Swachhta Pakhwada, Swachhta Hi Sewa and Vriksharopan Abhiyaan etc.), events	Awareness and behaviour change through IEC activities.	Increased awareness among the public	Increased awareness in terms of participation to various activities

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	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
				during local festivals & occasions (Kanwad Yatra, Char Dham Yatra, garhmukteshwar Mela, Magh Mela, Kumbh, Deep Deepawali and Kartik Purnima etc), exhibitions during (International Trade Fair, International Science Festival), competitions etc.			
	6. Biodiversity Conservation & Ganga Rejuvenation	Reduction in risk to the selected aquatic species by way of reduced confiscation of injured animals with the help of local communities.  (Explanation: It is presumed that with improved conservation efforts by involving local communities the instances of injury to aquatic species will reduce. The number of injured animals is thus an indicator of success of the conservation programme.)	1. Preparing action plan for setting up model rescue & rehabilitation centre for other agencies to replicate. 2. Involving local communities in conservation & restoration plans.  (Explanation: to achieve reduction in injury by way of smuggling etc. The target is to mobilise local community. Further, to attend to the injured species rescue & rehabilitation centre will be helpful.)	Increase in availability of iconic species and improvement in distribution range in Ganga river.	Sighting increased in distribution range.	*	

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	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
		Species wise stretch identification for conservation.	Identify all possible stretches where the iconic species are to be conserved.	Well-defined stretches developed for specific species.	People participation and academic interest generated.	**	
		Increase in availability of gangetic carps, Mahaseer and Hilsa fishes	Significant increase in availability of fish in 18 selected stations of river Ganga.	Meeting consumers demand at affordable price.	Standard deviation of price of fishes over 1 year duration.	**	
				Improved fish biodiversity of river Ganga.	Improved fish biodiversity of river Ganga.	*	
				Increased awareness about conservation of fish biodiversity among fisherman communities.	Adoption rate (%) of the best practices advocated	*	
	7. Afforestation	Area Covered under afforestation (in ha.)	Around 16000 ha. of land to be afforested along the Ganga river bank States viz. Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal as per the DPR	Improvement in quality and quantity of precipitation, which would contribute to the objective of improving the wholesome ness of the river and aviral dhara.	Area covered under forest along Ganga River.	16000 ha. area to be forested	
<b>Ghat Works for Beautifation of River Fronts</b>							
	1. Maintaining cleanliness on river edges and better infrastructure for social and cultural activities	Contraction/ Modernization of Ghats	50  (including targeted 12 of 2018-19)	1. Improved public amenities as perceived.	1.1 Satisfaction levels from public surveys.	***	

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
		2. Better infrastructure for cremation rituals, preventing unburnt bodies disposed into river Ganga	Construction/ Development of Crematoria	6  (including targeted 5 of 2018-19)			

\* Nature of indicator is not amenable for fixing numeric targets

\*\* Target for this indicator cannot be fixed since, it is a demand driven scheme

\*\*\* Baseline to be set

### 3(A). Pradhan Mantri Krishi Sinchai Yojana (PMKSY) – Accelerated Irrigation Benefits Programme (AIBP) (CSS)

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
1994.00*	1.Expedited Implementation of AIBP works for 48 projects. 31 projects completed / almost complete upto 03/19.	1.1. Total number of AIBP projects under progress is 68.	Cumulative Completion – 34	1. Creation of additional irrigation potential	1.1. Total additional Irrigation Potential Created (in Ha) through PMKSY –AIBP	10 lakh ha by June 2019 and 34.5 lakh ha on completion of all projects.
1.2. % of Irrigation Potential Utilized (in lakh ha) through infrastructure created through PMKSY –AIBP					100 on completion of CADWM, agriculture extension works etc.	

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
		1.2. No.of AIBP projects likely to be completed	Cumulative Completion - 65 (by Dec, 2019)	2. Resulting in increase in yield of crops & income of farmers; replenishment of ground water and increased water availability for other uses.	2.1 Increase in crop yield attributable to increased irrigation from PMKSY –AIBP	**	
					2.2 Increase in groundwater levels attributable to PMKSY –AIBP	**	

\* Includes Interest payment for NABARD loan under PMKSY.

\*\* Baseline to be set



**3 (B) PMKSY – Har Khet Ko Pani (CSS)**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
1069.55	1. CADWM works in the identified prioritised projects will remain in progress; Expedite progress on the RRR/SMI components of the scheme	1.1 Culturable Command Area (ha) covered	CAD works in balance Culturable Command Area (CCA) of 10 lakh ha	1. Reduce the gap between Irrigation potential created and utilized;	1.1 Utilisation of irrigation potential in an additional culturable command area in ha.	CCA of 10 lakh ha
		1.2 No. of Water User's Associations created	2000 Nos.	2. Strengthen participatory irrigation management	2.1 Command area (in ha) covered for participatory irrigation management through the Water User Associations formed.	10 lakh ha
		1.3 No. of RRR & SMI projects to be completed	100 projects/water bodies	3. Creation of additional irrigation potential	3.1 Additional irrigation potential created (in lakh ha)	0.50 lakh ha

#### 4. Flood Management & Border Areas Programme (FMBAP) (CSS)

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
700	1.Execution of river management, anti-erosion, Flood Control, Restoration of Damage Flood Management Works and anti-sea erosion works in critical areas	1.1 Total no. of flood management works completed out of ongoing 99 projects	1. 99	1. Reduction in damage due to floods, river erosion in selected river catchments.	1.1 Total population benefited under the intervention	78.3 lakhs
					1.2 Total area protected due to new construction works (in Lakh ha)	10.51 lakh ha
	2.Expedite the finalisation of DPR of Pancheswar Multipurpose project (PMP) by both India and Nepal , related	2.1 Finalization of DPR of Pancheswar Multipurpose project by both India and Nepal (Yes/No)	2. Yes	2. Reduction in damage due to floods, river erosion in selected river catchments and related pre-construction activities of PMP.	2.1 The Pancheswar Multipurpose project, when constructed and becomes operational would provide following	- (Since the project is in DPR/ Investigation stage, there is no measurable outcome.)

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
		pre-construction activities of PMP and preparation of DPR of Sapta Kosi High Dam & Sun-Kosi diversion scheme etc as well as other flood management works in border area projects	2.2 Action for preparation of DPR of Sapta Kosi High Dam and Sub-Kosi diversion scheme (Yes/No)	Yes		benefits:  Power: 5040 MW (2520 MW to India and 2520 MW to Nepal)  Irrigation: 0.43 million Ha (0.26 Mha to India + 0.17 Mha to Nepal)	
			2.3 Maintenance of embankments in river Kosi & Gandak in Nepal portion.	Continuous process, decision on works to be taken by Gandak & Koshi High Level Committees		C. Flood Control benefits	

**5. Pradhan Mantri Krishi Sinchai Yojana (PMKSY) - Irrigation Census - (Centrally Sponsored Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
50.00	Conducting census of water bodies in convergence with of 6th MI Census	1.1. Conduct of field work for 6 <sup>th</sup> MI Census and first Census of Water Bodies by States/UTs	(i) Completion of field work of 6th MI Census & 1 <sup>st</sup> Census of Water Bodies by most States/UTs within the scheduled period. (ii) Monitoring/ scrutiny of the progress of field work of Census as per specified guidelines/norms through visits/Inspection to ensure quality.	1 Informed planning and policy formulation in Minor Irrigation Sector.	1.1. No. of downloads of census reports - 6th MI Census as well as Water Bodies	Since the 6 <sup>th</sup> MI Census & Census of Water Bodies has been launched in 2018-19, the report of the Census is likely to be published in 2020-2021. The targets would, therefore, be operational only after the census reports have been published.
		1.2.Data processing activities by States/UTs for 6 <sup>th</sup> MI Census and Census of Water Bodies including data entry, validation & updation	(i) Ensuring usage of mobile app & software for data entry/validation of 6 <sup>th</sup> MI Census and 1 <sup>st</sup> Census of Water Bodies smoothly. Glitches, if any, are attended promptly.		1.2. No. of data requests received from institutions and organizations (private and public) - 6th MI Census as well as Water Bodies Census	
			(ii)Completion of Data entry, validation & updation by States which started field work within the planned period.		1.3. No. of citations / references for the census report created - 6th MI Census as well as Water Bodies Census	

**6. Pradhan Mantri Krishi Sinchai Yojana (PMKSY) - Special Package for Irrigation projects in Maharashtra - (Centrally Sponsored Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
300.00	Expeditious implementation of Major & Medium Irrigation (MMI) and Surface Minor Irrigation (SMI) Project	No.of Major & Medium Irrigation (MMI) projects completed	1	Creation and utilization of additional irrigation potential in the command of the projects under special package	Additional irrigation potential created(in Lakh Ha.).	1.59 Lakh Ha.
		No.of Surface Minor Irrigation (SMI) projects completed	0	Resulting in increase in yield of crops & income of farmers; replenishment of ground water and increased water availability for other uses.	Irrigation Potential utilised is dependent upon CADWM works, agriculture extension works etc. There is no component of CADWM in the package.	Increase in crop yield attributable to increased irrigation from PMKSY – AIBP
					Increase in groundwater levels attributable to PMKSY –AIBP	A study needs to be commissioned to measure the same and release credible Govt. of India figures to show outcomes from the projects. [Since, this package has started during 2018-19 only, study may be taken up on

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
							completion of projects].

**7. Farakka Barrage Project (FBP) - (Central Sector Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
150.00	1. Operation and maintenance of Farakka Barrage & associated structures	1.1. Replacement of old gates of Farakka Barrage	24 gates	1. Increasing upland supply through feeder canal thereby Improving the regime and navigability in the Bhagirathi Hoogly river system & Preservation of Kolkata Port. Successful Implementation of India-Bangladesh Ganges river water sharing treaty of 1996.	1.1. Feeder Canal facilitates smooth movement of vessels in Hooghly –Bhagirathi river System.(Yes / No)	Yes	
		1.2. River Bank Protection / anti erosion works in the original jurisdiction of Farakka Barrage	3.5 km			1.2. 2500 cusecs of water supplied to the NTPC Thermal Power Plant from Feeder Canal (Yes / No)	Yes
		1.3 Automation of Gate operating system of Farakka Barrage	100%				

**8. Dam Rehabilitation and Improvement Programme (DRIP) (Central Sector Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
90.00	1.Improvement in the safety conditions of the dam by rehabilitation	1.1. Finalization of guidelines on dam safety area	4 Guidelines on various aspects of dam safety to be finalized	1.Improvement in the safety conditions of the dam by rehabilitation	1.1. No. of Dams where emergency action plan / disaster management plan implemented.	20
		1.2. No. of dams in Non-DRIP states where DHARMA has been implemented	Licence has been shared with 11 Non-DRIP States. Training being imparted to Non-DRIP States. Data entry to be expedited for all proposed dams in DRIP Phase-II and III.			
	2. Capacity building of DRIP officials of Water Resources	2.1. No. of national training programs conducted	20	2. Capacity building of the officials of Water Resources	2.1. No. of DRIP officials trained in DHARMA	200
		2.2 No. of international training programs conducted	1			
	3.Comprehensive evaluation of dam using modern risk based concept"	3.1. No. of dams for which Inundation maps and dam break analysis for Emergency Action Plans have been prepared	40	3.1 Mitigation of Associated risks with concerned DRIP dams to improve the safety of downstream public, property and environment	3.1 No of dams for which DBA to be developed	40
		3.2. Area for which seismic hazard mapping studies	Seismic Hazard mapping of 1.29 M Sq Km area to			

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
		have been carried out	be done.	Resources Departments and other professionals	3.2 Development of SHAIS(Seismic Hazard Assesment Information System)	
		3.3. No. of dams evaluated using modern riskbased concept.	Proposal not approved due to procedural issues.			

**9. River Basin Management (RBM) - (Central Sector Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
<b>225.01</b> [Total RBM (A+B+C) Schemes]							
<b>A.</b> <b>Investigation</b> <b>of Water</b> <b>Resources</b> <b>Development</b> <b>Schemes –</b> <b>National</b> <b>Water</b> <b>Development</b> <b>Agency</b> <b>(NWDA)</b>							
	• Tendering &	1.1.Tendering& awarding of	Preparation of tender document under EPC	1. All the interlinking of river projects will provide only long term	1.1.Ken-Betwa Phase-I&II Project (On Completion) a) CCA in ha.:	All statutory clearances accorded except Stage-II Forest Clearance and	



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	awarding of contract	contract for Ken-Betwa Phase-I &II (Not Done / Preparation Done / Accepted)	mode by NHPC will continue.	outcome. The construction will start only after all statutory clearances and will take about 6 to 8 years. So, the outcome will commence after implementation of any ILR project.	MP: 653368 UP : 251064 Total: 904432	clearance from CEC of Hon'ble Supreme Court for Phase-I components. Draft MoA sent to Govts of UP and MP for implementation.  Phase-II components merged with Phase-I in the Comprehensive DPR.
	<ul style="list-style-type: none"> <li>Preparation of DPR and DPR works</li> <li>Post DPR activities</li> </ul>				1.1.Ken-Betwa Phase-I&II Project (On Completion) b)Drinking Water Supply Total :228.9MCM for 62.94 Lakh population of UP and MP	
					1.1.Ken-Betwa Phase-I &II Project (On Completion) c) Power Generation : 103MW(Hydro) :  27MW(Solar) Total power generation :130 MW	
		1.2. Tendering and awarding of contract for : A. Damanganga-Pinjal Link (Not Done / Preparation Done / Accepted and B. Par-Tapi-	A.Not Done		1.2.Damanganga-Pinjal Link (On Completion) Drinking a) Water Supply - 579 MCM for Mumbai City(excluding Pinjal component) b) Power Generation - 5 MW	Draft MoA sent to Govts of Maharashtra and Gujarat for implementation.

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	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
		Narmada Link Project (Not Done / Preparation Done / Accepted)	B. Not Done			Par-Tapi-Narmada Link Project (On Completion) a) Annual Irrigation :2.32 Lakh ha. in Drought Prone Area in Gujarat b) Drinking Water Supply :76 MCM including Tribal Area) c) Power Generation :21 MW	Since the project is in DPR/Investigation stage, there is no measurable outcome this year.  Draft MoA sent to Govts of Maharashtra and Gujarat for implementation.
		1.3 Post DPR activities of Godavari-Cauvery link project 1.4. Preparation of DPR and DPR works for: A. Mahanadi-Godavari Link (Not Done / Preparation Done / Accepted)  B. Manas-Sankosh-Teesta-Ganga Link (Not Done / Preparation Done / Accepted)"	Circulation of DPR, attending to comments of party States.  1.4. A.Not Done  B. Not Done			1.3 Godavari-Cauvery(alternate)link project Benefits on completion: a)Annual Irrigation:11.16 lakh ha b) Municipal&Industrial needs:1015 MCM.  1.4. Mahanadi-Godavari Link(On Completion) a) Annual Irrigation - 4.43 lakh ha. in Odisha & Andhra Prades b) Domestic Water Supply - 366 MCM c) Industrial Water Supply - 436 MCM d) Transfer to Godavari - 6500 MCM for Further Transfer to South e) Power Generation -	Since the project is in DPR/Investigation stage, there is no measurable outcome this year.  Hydrological Studies by NIH with alternate Barmul dam option was carried out and sent to Govt of Odisha. Pending consensus on Mahanadi-Godavari link project, alternate study to divert Godavari waters to Cauvery has been examined and preparation of DPR is in progress.  Preparation of FR with forest free option is under finalisation.

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	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
						960 MW  Manas-Sankosh-Teesta-Ganga Link (On Completion) CCA - 6.54 lakh ha. in Assam, West Bengal & Bihar Power Generation – 805 MW	
		1.5. Preparation of DPR and DPR works for: A. Ganga-Damodar-Subarnarekha Link(Not Done / Preparation Done / Accepted  B.Subarnarekha-Mahanadi Link (Not Done / Preparation Done / Accepted) and  C. Sarda-Yamuna Link (Not Done / Preparation Done / Accepted)	A. Not Done   B. Not Done   C. Not Done			1.5 Ganga-Damodar-Subarnarekha Link (On Completion) a) Area Irrigated annually (ha) W. Bengal Bihar Odisha Total(Lakh ha.) 7.60 0.55 0.33 8.4 b)Water Supply: 1241 MCM for enroute domestic, industrial and Salinity Water requirements c) Balance water to be transferred to Mahanadi: 21031 MCM and further to South  Subarnarekha-Mahanadi Link (On Completion) Area Irrigated annually	Since the project is in DPR/Investigation stage, there is no measurable outcome this year.  Studies depend upon finalisation of Manas-Sankosh-Teesta-Ganga link project, for which, the FR is currently under finalisation.  Since the project is in DPR/Investigation stage, there is no measurable

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	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
						(ha) : W. Bengal Odisha Total(ha.) 18000 36500 54500  Sarda-Yamuna Link (On Completion) Area Irrigated annually (ha) U.P. Uttarakhand Total(Lakh ha) 3.45 0.3 3.75	outcome this year.  The FR of the project will undergo changes based on the u/s projects located in Nepal. As such, there is no measurable outcome this year.
		1.6 Wainganga- Nalganga Link (Not Done / Preparation Done / Accepted  1.7 Preparation of DPR for Damanganga (Ekdare)-Godavari Valley (Not Done / Preparation Done / Accepted  1.8 Preparation of DPR for Damanganga Vaitarna--Godavari	DPR completed and sent to Govt of Maharashtra  Preparation of DPR is in progress.		1.6 Wainganga-Nalganga Link (On Completion): a) CCA: 3.71 Lakh ha. b) Drinking and Industrial Water Supply :429 MCM  1.7 Damanganga(Ekdare)- Godavari Valley link Project (On Completion) CCA: 16505 ha. Domestic Water Supply: 22 MCM Industrial Water Supply: 21 MCM	The preparation of DPR completed and sent to Govt of Maharashtra. Further action will be taken by Govt of Maharashtra.  Since the project is in DPR/Investigation stage, there is no measurable outcome this year. The preparation of DPR is in progress  Since the project is in	

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
			Valley (Not Done / Preparation Done / Accepted	Preparation of DPR is in progress.		1.8 Damanganga- Vaitarna-Godavari Valley link Project (On Completion) CCA: 15484 ha. Drinking and Industrial Water Supply: 40 MCM	DPR/Investigation stage, there is no measurable outcome this year.  The preparation of DPR is in progress
<b>B. Investigation of Water Resources Development Schemes – Central Water Commission</b>	1.DPR preparation of Projects after detailed Survey and Investigations and studies on hydrological, Irrigation Planning environment aspects, cropping pattern Crop water requirement etc.	1.1 Investigation works for preparation of DPRs for the following projects: (a) Sonai Irrigation Project, Assam (b) Twalang HE Project (Mizoram) (c) Tarumchu HE Project (Sikkim) (d) Kali Khola HE Project (Sikkim) (e) Kalez Khola HE Project (Sikkim)	Completion of preparation of DPR the Sonai Irrigation Project. Assam and Twalang hydroelectric (HE) power projects in North Eastern State.  Continued investigation works for preparation of DPRs for hydroelectric (HE) power projects in North Eastern States: (a) Tarumchu HE Project (Sikkim) (b) Kali Khola HE Project (Sikkim) (c) Kalez Khola HE Project (Sikkim)	1. Preparation of bankable Detailed Project Reports (DPR) of the project is the first step for development and execution of water resources Projects. 2. Seismological observations will help in optimum design of projects in Sankosh Basin particularly Sankosh Hydro- electric/Multipurpose Project	1.Preparation of bankable Detailed Project Reports (DPR) (Y/N)  2. Seismological observatios used to optimuize the design design of projects in Sankosh Hydro-electric Project Multi Purpose Project.	Yes  Yes	

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<b>C. Brahmaputra Board</b>	1.Completion of ongoing / new anti-erosion, drainage development works	1.1 Nos of New works - 3	1.1.1 Protection of Balat Village from erosion of river Umngi	Increased protection against flood & erosion, reduced drainage congestion and reclamation of agricultural land a better infrastructure/environment for working	1.1.1 No. of People and land will be secured from floods and erosion.	1.1.1 Protection of 300 ha land and 3250 people of Balat Village in South West Khasi Hills, Meghalaya
			1.1.2 Conversion of existing tie-bund into full-flaged embankment at DhollaHatighuli			1.1.2 To continue the benefit accrued in 11 Nos. villages to be protected in Dhola Hatighuli area
			1.1.3 Construction and laying RCC porcupine screens, dampeners and spurs of Neamatighat and Mikirgaon area in Assam		1.1.3 To protect Neamatighat and Mikirgaon area from erosion of Brahmaputra River	1.1.3 Protection of Neamatighat and Mikirgaon area in Assam.
		1.2 No. of ongoing works completed	1.2.1 Protection of Mankachar, Kalair-		1.2.1 Protect large agricultural land,	1.2.1 Protection of SisumaraBoP at

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	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
			Alga international Border Area			SisumaraBoP at Kalair- Alga,Indo-Bangla Border(IBB) Link Road and IB Border fencing	Kalair-Alga, Indo- Bagla Border(IBB) Link Road and IB Border fencing in South SalmaraMankachar district, Assam
			1.2.2 A/E works in BhajanerCharra, Nishiganj, Bhogdebriarea on right bank of river Mansaiin West Bengal			1.2.2 Ha. of land will be protected and no. of people will be benefitted	1.2.2 Protection of 115 ha land and 2500 people of BhajanerCharra, Nishiganj, Bhogdebri area in Cooch Behar District, West Bengal from flood and bank erosion
			1.2.3 Bank protection work at Bhogdebri area on the Right Bank of River Mansai in West Bengal			1.2.3. ha of land will be protected and no. of people will be benefitted	1.2.3 Protection of 128 ha of land and 2000 people in Bhogdebri area of Cooch Behar District, West Bengal from flood and bank erosion
			1.2.4 Continuing the maintenance of executed works for protection of Majuli Island from flood and			1.2.4 Protect the Majuli Island from flood and erosion	1.2.4 Protection of Majuli Island of Assam from flood and erosion

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
	2. Preparation of river basin master plans related to flood control, bank erosion and improvement of drainage as well as Irrigation Proejcts.	2.1 No. of master plans developed. For Anti erosion projects, flood control projects, drainage decongestion projects and Irrigation Projects.	<p>erosion</p> <p>1.2.5 30% work for development of infrastructures of Board to carry out the work of protection of Majuli Island</p> <p>1.2.6 Construction of sluice30% works of construction of sluice of Barbhag DDS</p> <p>1.2.7 Clearing of revised DPR and construction of 15% works of sluice of Amjur DDS</p> <p>2.1.1 Preparation of six Master Plans- Dareng, Umsohryngkiew, Ganol, Umtrew, Umngot, Waikhyrwi</p>			<p>1.2.5 Creation of infrastructure for the officers and staff of Brahmaputra Boardworking at Majuli</p> <p>1.2.6 Protection of 6250 ha of land from drainage congestion</p> <p>1.2.7 Protection of 7200 ha of land from drainage congestion</p> <p>2.1.1 Total 6158 ha area in 15 villages covered under land protection from flood &amp; erosion. Total estimated economic benefit from land protection from flood &amp; erosion is Rs. 224.95 lakh. Total 10085 ha Irrigation potential will be created from the projects for which</p>	<p>1.2.5 Working environment will be improved</p> <p>1.2.6 On completion of scheme, drainage congestion problem in Borbhag area in Nalbari District of Assam will be reduced</p> <p>1.2.7 On completion of the scheme drainage congestion problem in Amjur area will be reduced</p> <p>2.1.1 Basic data base / Preliminary reference for preparation of DPR for implementation of water resources projects will be available.</p>



FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
			2.1.2 DPRs of two (DDS)s			Master Plans prepared	2.1.2 338 ha area of Nagaon district of Assam will be benefitted.
			2.1.3 Continuation of operation of NEHARI			Decongestion of 338 ha in Pota Kalong area in Nagaon district of Assam.	200 ha area in Dharmanagar district of Tripura will be benefitted.
			2.1.4 Continuation of R&M of assets created by Board			Decongestion of 200 ha area in Dharmanagar district of Tripura.	
			2.1.5 Completion of mathematical model studies of river Brahmaputra				
						2.1.3 & 4 Continuation of running & Maintenance of Assets	2.1.3 & 4 Capacity building for Water resources management in NER
						2.1.5 Mathematical Model studies will be used for Channel Routing, Rainfall runoff, design of water resources schemes	2.1.5 Ready reference for Channel Routing, Rainfall runoff, design of water resources schemes in Brahmaputra Basin.

**10. Development of Water Resources Information System (DWRIS) - (Central Sector Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
100.00	1. Infrastructure Augmentation for collection of necessary data points under Water Resources Information System.	1.1 Hydrological Data Collection	Hydrological Data Collection at 1598 sites.	1. Increased coverage of WRIS	1.1. No. of the estimated reservoirs being monitored on a real-time basis for water storage	120 major reservoirs would be monitored on real time basis for water storage.
		1.2. No. of sites where water quality monitoring system is operational	Water quality monitoring at 429 sites		1.2. Coast covered under Coastal Management Information System	5 stations to be opened for data collection at coasts in Gujarat, Goa and Maharashtra
		1.3. No. of parameters of water quality being tracked	At 403 Level-I labs: 6 water quality parameters being tracked. At 18 Level-II labs: 25 water quality parameters being tracked At 5 Level-III labs: 41 Water Quality parameters being tracked.	2. Improved use of WRIS in policy planning and formulation	2.1. No. of downloads, accesses and citations of the reports generated'	40000
		1.4. No. of states for which coastal management information system operationalized	6 States – Kerala, Tamil Nadu, Puducherry, Goa, Maharashtra and Gujarat		2.2. No. of active users / visitors of the online database	Approx. 3 Lakhs
		1.5. No. of additional reservoirs being real-time monitored for water storage	66 Additional reservoirs to be monitored real time for water storage, totalling to 120.	3. Minimizing loss of life and property due to floods	3.1. No. of flood forecasts generated through 275 forecasting stations for timely evacuation of people, livestock	The number would depend upon the monsoon conditions prevailing over country during 2019-20.
	2. Increase in coverage area and lead time under flood forecasting activity	2.1. Flood Forecasting using rainfall based hydrodynamic flood forecasting models	Models have been prepared for all Flood Forecasting Sites. Hence Flood Forecasting using rainfall based hydrodynamic flood			

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
				forecasting models would be conducted at all 275 FF sites.			
		2.2. Real-time data acquisition system installation		270 Stations out of 458 have been installed with Real Time Data Acquisition System. Remaining 188 stations would be installed by March 2020			
		2.3. Inundation flood forecasting using Hydrodynamic Models on pilot basis		Development of model of Yamuna Basin			

**11. Ground Water Management and Regulation (GWM &R) - (Central Sector Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
260.00	1. Preparation of aquifer maps and management plans to ensure sustainability of ground water resources.	Total area (in lakh sq. km) for which aquifer map and management plan has been prepared		2.2 lakh km <sup>2</sup>	Improved data/information and knowledge base for sustainable management of ground water resources.	Number of outreach programmes conducted for dissemination of data/information and knowledge base for sustainable management of ground water and sensitisation of stakeholders	61

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
	2. Status of ground water level and quality	Frequency of monitoring of ground water levels through the monitoring network of CGWB	4 (to be done 4 times a year)	Sharing groundwater monitoring reports containing updated information of ground water scenario in the country with state departments.	Number of times the information is updated and shared with state Govts departments and shared through India-WRIS webportal	4
		Annual monitoring of ground water quality through the monitoring network of CGWB	1 (to be done once during the year)			

**12. National Hydrology Project (NHP) - (Central Sector Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
250.00	1.Strengthening of Integrated Water Resource Information System	1.1 National Water Information Centre		1.Enhanced Water Resources information for Management of Water Resources	(i) Rever & Reservoir dashboard (ii) Ground Water (iii) Evapotranspiration (iv) Soil Moisture (v) Rain fall (vi) Water level	1.1 Number of Stations for Water data online	10,000 stations
		1.1.a Water Data on line	Yes			Time Series & spatical information at State level	
		1.1.b Development of Dashboard	Yes				
		1.1.c Development of Generic State-WRIS	Yes				

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
		1.1.d Development of Water Audit frame Work	Yes				
	2. Centralize Hydro-met data base	2.1 No. of hydromet systems installed	500	2. Strengthening of Network	2.1 No of State with strengthened hydromet monitoring systems	4	
		2.2 No of Agencies	5				
	3. Institution Strengthening	3.1 Construction of Data Centre	2	3. Enhanced capacity building for WaterResources Professional	Capacity Building for WR Professionals	150	
		3.2 No of Training	15				
		3.3 No of workshop/confere nce and Seminar	4				
	4. Setting up of inundation Forecast	4.1 Acquation of DEM in Basin	2	4. Enhanced responsiveness to flood forecasting	Areas (Sqkm) cover for test inundation advisory.	5000	
		4.2 Indundation test forecast in Basins	1				

**13. Research & Development (R&D) and Implementation of National Water Mission (NWM) - (Central Sector Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
50.00	1. Increasing research & development base	1.1. publication of research/technical reports	150	Improved indigenously developed technology use, increased officer capacities and wider research base utilization	1.1 No. of people trained by Capacity building sessions and at the additional facilities and research infrastructure created.	650 (to be trained)
		1.2. research papers-	250			1.2 Citations of technical report & research papers having recommendations for improved techniques in area of planning and design of water resources structure, water saving/conserving techniques for agriculture, water use efficiency, integrated water resources management, hydraulic designs, climate change impact studies etc. will help in saving the public money and valuable resources.
		1.3 . training and workshops-	30			
		1.4 . Estimation of sedimentation in reservoirs by Remote Sensing technique	20			
		1.5 Estimation of sedimentation in reservoirs by Hydrographic surveys of important reservoirs in the country	10			
		1.6 Morphological Studies of rivers in India	7			
	2. National Water Mission	2.1. No. of State Specific Action Plans prepared	24	2.1 Preparation of State Water Budget	2.1. Process in % of preparation of Status report, Interim Report and SSAP plans for 11 states	60%

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2.2. No. of Human Resource Development and Capacity Building trainings done	12		2.2 Different Stake holders capacity building for water conservation/water use efficiency	2.2.No. of people trained	250
	2.3. Setting up of NBWUE	1		2.3. & 2.4 Estimation of WUE in irrigation sector (Major/Medium Irrigation Projects)	2.3. & 2.4 Number of base line studies in Irrigation projects for which preparation of inception reports/ draft reports done	26
	2.4. No. of baseline studies completed	26				
	2.5. No. of Demonstration/ Benchmarking/ Pilot projects completed	4		2.5. Demonstration of modern and new technology for Conservation of water and abatement of pollution	2.5. No. of demonstration projects where preparation of Draft Final Report and recommendation for implementation of the technology for water conservation done	4

**14. HRD/ Capacity Building Programme (HRD&CB) - (Central Sector Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	<i>2019-20</i>	<i>Output</i>	<i>Indicator(s)</i>	<i>Target 2019-20</i>	<i>Outcome</i>	<i>Indicator(s)</i>
60.00	<i>A) NERIWALM, Tezpur:</i>					

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
<b>(Total HRD- CB Scheme)</b>	1. Capacity building, awareness activities and support to research & development	1.1. No. of national trainings conducted	55	1. Increased awareness, upgradation of knowledge/skills of water resources professionals	1.1. No. of personnel trained in ground water management	93	
		1.2. No. of international trainings conducted	01		1.2. No. of publications	06	
		1.3. No. of reports generated from R&D studies in Ground Water Sector	-				
		1.4. No. of Seminars/Workshops/Conference/Special Days organized	10			1.3. No. of personnel trained in sustainable water management	1950
		1.5. No. of outreach activities conducted like Media campaign covering advertisements, outdoor publicity, electronic media campaign, participation in exhibitions etc.	05			1.4. No. of tribal population covered through awareness generation activities on methods/best practices for sustainable water management	600
		1.6. No. of special campaign organized for tribal areas/children	06				
		<b>B ) National Water Academy (NWA), Pune:</b>					
		1.1. No. of national trainings conducted	32	1. Increased awareness, upgradation of knowledge/skills of water resources	1.1. No. of personnel trained in sustainable water management	750	



FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)
	1. Capacity building, awareness activities and support to research & development	1.2. No. of international trainings conducted	02	professionals	1.2. No. of persons trained in sustainable water management	50
		1.3. No. of reports generated from R&D studies in Ground Water Sector	70		1.3. No. of personnel trained in sustainable water management	800 (to be trained)
		1.4. Manweeks of Training	1750		1.4. No. of tribal population covered through awareness generation activities on methods/best practices for sustainable water management	150
		1.5. No. of outreach activities conducted like Media campaign covering advertisements, outdoor publicity, electronic media campaign, participation in exhibitions etc.	0			
		1.6. No. of special campaign organized for tribal areas/children	1			
<b>C) Rajiv Gandhi National Ground Water Training &amp; Research Institute (NGWTRI):</b>						
	1. Capacity	1.1. No. of national trainings conducted	110	1. Increased awareness, upgradation of knowledge/skills of water resources professionals	1.1. No. of personnel trained in ground water management	800
		1.2. No. of international trainings conducted	0		1.2. No. of publications	0
		1.3. No. of reports generated	02		1.3. No. of personnel	02

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
	building, awareness activities and support to research & development	from R&D studies in Ground Water Sector				trained in sustainable watermanagement	
		1.4. No. of Seminars/Workshops/ Conference/Special Days organized	0			1.4. No. of tribal population covered through awareness generation activities on methods/best practices for sustainable water management	0
		1.5. No. of outreach activities conducted like Media campaign covering advertisements, outdoor publicity, electronic media campaign, participation in exhibitions etc.	0				
		1.6. No. of special campaign organized for tribal areas/children	0				
<b>D) Training of MoWR, RD &amp; GR:</b>							
	Increased awareness, upgradation of knowledge and skills of water resources professionals as well as non-technical staff in the field of water resources planning, development and management,	Organizing orientation training for officers/ officials who are newly posted. (ii) Conducting in-house/ on the job trainings at workplace.(iii) Deputing officials/ officers for thematic trainings (iv) Mandatory Training Programme at various level officers of CSS, CSSS, Central Staffing Scheme at ISTM and	For the financial year 2019-20, more than 200 officers/officials will be sent for various training programmes	Increased awareness, upgradation of knowledge and skills of water resources professionals as well as non-technical) in the field of water resources planning, development and management, thereby contributing in the sustainable development and conservation of water resources in India.	No. of personnel trained in this area	More than 200 officers/officials	

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
	thereby contributing in the sustainable development and conservation of water resources in India.	other Cadre Institutes(v) Advanced computer courses, e-office, e-Governance .Training on Water Sector at NIH, Roorkee, NWA, Pune and NERIWALM, Tejpur.					
<b>E) IEC:</b>							
	"Mass Awareness on the issues related to Water Conservation on pan-India basis"	1. Workshops/ Seminars etc.	22	Increased awareness, upgradation of knowledge and skills in the field of water resources and conservation.	No. of people upto which benefits of such programme have been reached.	Beneficiaries of approx. 65 programme/events.	
		2. Advertisement (Print Media)	6				
		3. Organization of Seminar/ Conferencs/ Special Days	4				
		4. Publicity through Electronic Media (Radio+ TV)	8				
		5. Production of Radio Jingles/ Video Spots/TVCs etc.	4				
		6. Participation in Exhibition/ Fair	7				

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
		and competitions					
		7. Events/Programmes for children	1				
		8. Outdoor Publicity	1				
		9. Mass awareness activities in Tribal areas	12				
		10. Other IEC activities	-				

### 15. Infrastructure Development (ID) – (Central Sector Scheme)

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
60.00	1. Continuation of Construction/Renovati on of buildings & services of CWC at Four different places as approved in SFC.	1.1. No. of buildings/services of CWC constructed/renovat ed.		4	1,2 & 3: Better working environment on completion of works. Savings on monthly rent on completion of works.	1.1, 2.1 & 3.1: Satisfaction level of employees.  Savings on payment of monthly Savings on payment of monthly rental based on market rates (in Rs)	Satisfaction levels at baseline will be determined during the public survey, and targetsfor improving those in subsequent years will be appropriately set.
	2. Construction of buildings & services of CGWB at three different places as approved in SFC.	2.1. No. of buildings/ services of CGWB constructed.		7			

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUTS 2019-20			OUTCOMES 2019-20			
	2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
	3. Renovation of approx 15 Rooms in the Ministry	3.1. No.of rooms/toilets renovated in the Ministry.		10			
	4. Implementation of e-Office in three Organisations under the Ministry	4.1. No. of organisations where e-Office implemented (Processing more than 90% files).		60 %	4. Speedy disposal of files on implementation of e-office.  Processing of more than 90% files as e-files in the three organisations	4.1 % of employees working in Three organisations will use e-office application (in nos.).  Processing of more than 90% files as e-files in the three organisations (Y/N)	
	5. Implementation of e-HRMS in Six Organisations under the Ministry.	5.1. No.of organisations where e-HRMS implemented.		3	5. Better monitoring of Human Resources.	5.1.% of employees working in at least Four (out of six) organisations enrolled under e-HRMS application for onljne APAR, Onljne Leave Management System, Digitized service books etc.	

**16. Polavaram Multi-purpose Project- (Central Sector Scheme):**

<b>FINANCIAL OUTLAY (Rs. In Cr.)</b>	<b>OUTPUTS 2019-20</b>			<b>OUTCOMES 2019-20</b>		
<b>2019-20</b>	<b>Output</b>	<b>Indicator(s)</b>	<b>Target 2019-20</b>	<b>Outcome</b>	<b>Indicator(s)</b>	<b>Target 2019-20</b>
through NABARD Funding (EBR)	1. Continuation of construction works in the project	1.1. %physical progress on the earth works, concrete and structure of the project linked to funds release	Earth work – 395.17 L.Cum. 10.72 % Lining – 7.03 L.Cum.20.76 % Structures - 26.85 L.Cum.39.13% L.A.- 56529Acres.33.92% R&R – 80000 PDFs.75.76% Buildings - 0.02% Miscellaneous- 1.81%	1. Creation of irrigation potential and supply of drinking water in the catchment area of the project	1.1. Total Irrigation Potential created (in lakh ha) due to this project	Nil*
		1.2. Total length of canal works completed (in km.) linked to funds release	80 Km		1.2. Total Irrigation Potential Utilized (in lakh ha) through infrastructure created under this project	Nil**
					1.3 Volume of drinking water supplied	Nil**

Note: Note: \*An Irrigation potential of 1,21,061 Ha. was utilised under Tadipudi Lift irrigation scheme and Pushkara Lift Irrigation scheme which will be tagged under Polavaram Irrigation Project after its completion.

\*\*The requisite infrastructure required for supply of water for irrigation and drinking water supply is not expected to get completed within the current FY.

**17. National River Conservation Plan(Other than Ganga Basins) (Centrally Sponsored Scheme):**

FINANCIAL OUTLAY (Rs. In Cr.)	OUTPUT 2019-20			OUTCOMES 2019-20		
	2019-20	Output	Indicator(s)	Target	Outcome	Indicator(s)
196.00	1. Conserving riverine ecosystems	1.1 Number of polluted river stretches covered under NRCP	Additional one stretch on Nambal river	1. Reduction in pollution load in rivers	1.1 BOD load prevented from reaching the river	31 tone/day
		1.2 Number of polluted towns covered under NRCP	Additional one town of Imphal	2. Reuse and Recycling of wastewater to prevent drawl from the rivers.	2.1 Estimated amount of Treated wastewater Used to meet agricultural Industrial and domestic demand (mld)	48 mld (treated wastewater from Vasna STP to Ahmedabad be used for irrigation)
		1.3 Number of polluted states covered under NRCP	Additional one State of Manipur			
	2. Interception Diversion, And treatment of waste water flowing into the river	2.1 Sewage treatment capacity created (mld)	155 mld at Ahmedabad			
		2.2 No. of STPs	01			

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