

**MINISTRY OF JAL SHAKTI****DEMAND NO. 61****Department of Water Resources, River Development and Ganga Rejuvenation***(In ₹ crores)*

	Actual 2019-2020			Budget 2020-2021			Revised 2020-2021			Budget 2021-2022			
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	
Gross	7179.89	318.03	7497.92	8641.49	409.02	9050.51	7194.12	161.09	7355.21	8756.92	344.77	9101.69	
Recoveries	-70.68	-8.64	-79.32	-67.12	-23.00	-90.12	-70.12	-23.00	-93.12	-56.12	-23.00	-79.12	
Receipts	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Net</b>	<b>7109.21</b>	<b>309.39</b>	<b>7418.60</b>	<b>8574.37</b>	<b>386.02</b>	<b>8960.39</b>	<b>7124.00</b>	<b>138.09</b>	<b>7262.09</b>	<b>8700.80</b>	<b>321.77</b>	<b>9022.57</b>	
A. The Budget allocations, net of recoveries, are given below:													
<b>CENTRE'S EXPENDITURE</b>													
<b>Establishment Expenditure of the Centre</b>													
1. <i>Secretariat</i>													
1.01	Secretariat	80.57	...	80.57	95.00	...	95.00	87.13	...	87.13	106.50	...	106.50
1.02	Recoveries	-0.06	...	-0.06	...	...	...	...	...	...	...	...	...
	<i>Net</i>	<i>80.51</i>	<i>...</i>	<i>80.51</i>	<i>95.00</i>	<i>...</i>	<i>95.00</i>	<i>87.13</i>	<i>...</i>	<i>87.13</i>	<i>106.50</i>	<i>...</i>	<i>106.50</i>
<b>Attached, Subordinate and Other Offices</b>													
2. <i>Central Water Commission</i>													
2.01	Central Water Commission	390.68	0.48	391.16	410.56	0.98	411.54	369.22	0.78	370.00	388.38	1.08	389.46
2.02	Recoveries	-0.01	...	-0.01	-9.00	...	-9.00	-9.00	...	-9.00	...	...	...
	<i>Net</i>	<i>390.67</i>	<i>0.48</i>	<i>391.15</i>	<i>401.56</i>	<i>0.98</i>	<i>402.54</i>	<i>360.22</i>	<i>0.78</i>	<i>361.00</i>	<i>388.38</i>	<i>1.08</i>	<i>389.46</i>
3. <i>Central Water and Power Research Station</i>													
3.01	Central Water and Power Research Station	79.59	0.06	79.65	86.96	0.14	87.10	78.15	0.06	78.21	85.01	0.09	85.10
3.02	Recoveries	-13.22	...	-13.22	-14.10	...	-14.10	-14.10	...	-14.10	-12.10	...	-12.10
	<i>Net</i>	<i>66.37</i>	<i>0.06</i>	<i>66.43</i>	<i>72.86</i>	<i>0.14</i>	<i>73.00</i>	<i>64.05</i>	<i>0.06</i>	<i>64.11</i>	<i>72.91</i>	<i>0.09</i>	<i>73.00</i>
4. Central Soil and Material Research Station													
5. Sardar Sarovar Construction Advisory Committee													
6. Bansagar Control Board													
7. <i>Upper Yamuna River Board</i>													
7.01	Upper Yamuna River Board	4.82	1.02	5.84	1.66	8.00	9.66	1.26	8.00	9.26	2.52	8.00	10.52
7.02	Recoveries	-2.16	...	-2.16	-0.02	-8.00	-8.02	-0.02	-8.00	-8.02	-0.02	-8.00	-8.02
	<i>Net</i>	<i>2.66</i>	<i>1.02</i>	<i>3.68</i>	<i>1.64</i>	<i>...</i>	<i>1.64</i>	<i>1.24</i>	<i>...</i>	<i>1.24</i>	<i>2.50</i>	<i>...</i>	<i>2.50</i>
8. Central Ground Water Board													
		235.50	...	235.50	244.95	0.05	245.00	235.00	...	235.00	237.50	...	237.50

(In ₹ crores)

	Actual 2019-2020			Budget 2020-2021			Revised 2020-2021			Budget 2021-2022		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
9. National Institute of Hydrology	23.78	...	23.78	25.02	...	25.02	25.02	...	25.02	33.50	...	33.50
10. National Water Informatics Centre	1.20	...	1.20	2.49	0.01	2.50	2.30	0.01	2.31	2.30	0.01	2.31
11. National River Conservation Directorate	3.42	...	3.42	6.00	...	6.00	5.50	...	5.50	5.50	...	5.50
<b>Total-Attached, Subordinate and Other Offices</b>	<b>738.86</b>	<b>1.60</b>	<b>740.46</b>	<b>771.63</b>	<b>1.22</b>	<b>772.85</b>	<b>716.73</b>	<b>0.88</b>	<b>717.61</b>	<b>765.87</b>	<b>1.19</b>	<b>767.06</b>
12. North Eastern Regional Institute of Water and Land Management (NERIWALM)	...	...	...	...	...	...	...	...	...	4.50	...	4.50
<b>Total-Establishment Expenditure of the Centre</b>	<b>819.37</b>	<b>1.60</b>	<b>820.97</b>	<b>866.63</b>	<b>1.22</b>	<b>867.85</b>	<b>803.86</b>	<b>0.88</b>	<b>804.74</b>	<b>876.87</b>	<b>1.19</b>	<b>878.06</b>
<b>Central Sector Schemes/Projects</b>												
13. National River Conservation Plan												
13.01 EAP Component	1200.00	...	1200.00	840.00	...	840.00	800.00	...	800.00	850.00	...	850.00
13.02 Programme Component	...	...	...	0.01	...	0.01	...	...	...	0.01	...	0.01
Total- National River Conservation Plan	1200.00	...	1200.00	840.01	...	840.01	800.00	...	800.00	850.01	...	850.01
<b>Major Irrigation Projects</b>												
14. Farakka Barrage Project												
14.01 Farakka Barrage Project	64.23	50.08	114.31	67.55	52.45	120.00	65.80	20.05	85.85	66.95	30.05	97.00
14.02 Recoveries	-54.63	...	-54.63	-44.00	...	-44.00	-47.00	...	-47.00	-44.00	...	-44.00
<i>Net</i>	9.60	50.08	59.68	23.55	52.45	76.00	18.80	20.05	38.85	22.95	30.05	53.00
15. Emergent Flood Protection Works in Eastern and Western Sectors	...	...	...	...	0.01	0.01	...	...	...	...	...	...
16. Dam Rehabilitation and Improvement Programme												
16.01 EAP Component	11.51	18.18	29.69	11.74	26.13	37.87	8.15	11.14	19.29	6.48	5.47	11.95
16.02 Programme Component	11.27	0.65	11.92	13.13	4.00	17.13	8.59	2.12	10.71	7.59	5.46	13.05
Total- Dam Rehabilitation and Improvement Programme	22.78	18.83	41.61	24.87	30.13	55.00	16.74	13.26	30.00	14.07	10.93	25.00
<b>Total-Major Irrigation Projects</b>	<b>32.38</b>	<b>68.91</b>	<b>101.29</b>	<b>48.42</b>	<b>82.59</b>	<b>131.01</b>	<b>35.54</b>	<b>33.31</b>	<b>68.85</b>	<b>37.02</b>	<b>40.98</b>	<b>78.00</b>
<b>Namami Gange</b>												
17. National Ganga Plan and Ghat Works												
17.01 National Ganga Plan	353.40	...	353.40	800.00	...	800.00	500.00	...	500.00	600.00	...	600.00
17.02 Ghat Works for Beautification of River Front	...	...	...	0.01	...	0.01	...	...	...	0.01	...	0.01
Total- National Ganga Plan and Ghat Works	353.40	...	353.40	800.01	...	800.01	500.00	...	500.00	600.01	...	600.01
<b>River Basin Management</b>												
18. River Basin Management	148.41	0.45	148.86	199.25	0.75	200.00	148.90	0.10	149.00	198.40	0.60	199.00
<b>Water Resources Management</b>												
19. Development of Water Resources Information System	105.59	22.68	128.27	107.44	32.56	140.00	113.70	16.30	130.00	142.50	32.50	175.00
20. Ground Water Management and Regulation												
20.01 Ground Water Management and Regulation	72.27	176.29	248.56	85.77	204.23	290.00	58.50	81.50	140.00	82.00	208.00	290.00
20.02 Recoveries	-0.60	-8.64	-9.24	...	-15.00	-15.00	...	-15.00	-15.00	...	-15.00	-15.00

(In ₹ crores)

	Actual 2019-2020			Budget 2020-2021			Revised 2020-2021			Budget 2021-2022		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
<i>Net</i>	71.67	167.65	239.32	85.77	189.23	275.00	58.50	66.50	125.00	82.00	193.00	275.00
21. National Hydrology Project												
21.01 EAP Component	76.33	1.66	77.99	91.82	8.17	99.99	64.47	3.03	67.50	88.07	11.93	100.00
21.02 Programme Component	65.29	1.43	66.72	91.83	8.18	100.01	64.47	3.03	67.50	88.07	11.93	100.00
<i>Total- National Hydrology Project</i>	141.62	3.09	144.71	183.65	16.35	200.00	128.94	6.06	135.00	176.14	23.86	200.00
22. Research and Development and Implementation of National Water Mission	39.20	8.56	47.76	48.68	11.32	60.00	25.84	3.16	29.00	22.62	6.88	29.50
23. HRD/Capacity Building Programme	27.45	0.28	27.73	47.12	2.88	50.00	18.21	0.22	18.43	28.26	1.24	29.50
24. Infrastructure Development	2.04	35.75	37.79	2.70	47.30	50.00	0.80	10.31	11.11	1.30	18.70	20.00
<b>Total-Water Resources Management</b>	<b>387.57</b>	<b>238.01</b>	<b>625.58</b>	<b>475.36</b>	<b>299.64</b>	<b>775.00</b>	<b>345.99</b>	<b>102.55</b>	<b>448.54</b>	<b>452.82</b>	<b>276.18</b>	<b>729.00</b>
<b>Total-Central Sector Schemes/Projects</b>	<b>2121.76</b>	<b>307.37</b>	<b>2429.13</b>	<b>2363.05</b>	<b>382.98</b>	<b>2746.03</b>	<b>1830.43</b>	<b>135.96</b>	<b>1966.39</b>	<b>2138.26</b>	<b>317.76</b>	<b>2456.02</b>
<b>TRANSFERS TO STATES/UTs</b>												
<b>Centrally Sponsored Schemes</b>												
<b>Pradhan Mantri Krishi Sinchai Yojna</b>												
25. Har Khet Ko Pani	1054.00	...	1054.00	1050.50	...	1050.50	760.10	...	760.10	900.50	...	900.50
26. Impact Assessment Studies	0.25	...	0.25	1.00	...	1.00	...	...	...	...	...	...
27. Assistance for Sutlej Yamuna Link Canal Project	...	...	...	0.01	...	0.01	0.01	...	0.01	...	...	...
28. Flood Management and Border Areas Programme(FMBAP)	635.52	0.42	635.94	748.18	1.82	750.00	114.60	1.25	115.85	340.17	2.82	342.99
29. Irrigation Census	43.09	...	43.09	50.00	...	50.00	10.00	...	10.00	15.00	...	15.00
30. Atal Bhujal Yojna												
30.01 EAP Component	0.03	...	0.03	50.00	...	50.00	75.00	...	75.00	120.00	...	120.00
30.02 Programme Component	0.03	...	0.03	150.00	...	150.00	50.00	...	50.00	210.00	...	210.00
<i>Total- Atal Bhujal Yojna</i>	0.06	...	0.06	200.00	...	200.00	125.00	...	125.00	330.00	...	330.00
31. Servicing of loans from NABARD under PMKSY												
31.01 Payment of interest for NABARD loan to NWDA under PMKSY	1726.79	...	1726.79	1900.00	...	1900.00	2050.00	...	2050.00	2133.00	...	2133.00
31.02 Repayment of principal for NABARD loan to NWDA under PMKSY	31.25	...	31.25	475.00	...	475.00	475.00	...	475.00	945.00	...	945.00
31.03 Interest subvention for NABARD to States under PMKSY	241.26	...	241.26	300.00	...	300.00	455.00	...	455.00	522.00	...	522.00
<i>Total- Servicing of loans from NABARD under PMKSY</i>	1999.30	...	1999.30	2675.00	...	2675.00	2980.00	...	2980.00	3600.00	...	3600.00
32. Special Package for Irrigation Projects to address agrarian distress in districts of Vidarbha and Marathawada and other chronically drought prone areas of rest of Maharashtra	300.00	...	300.00	400.00	...	400.00	400.00	...	400.00	400.00	...	400.00
<b>Total-Pradhan Mantri Krishi Sinchai Yojna</b>	<b>4032.22</b>	<b>0.42</b>	<b>4032.64</b>	<b>5124.69</b>	<b>1.82</b>	<b>5126.51</b>	<b>4389.71</b>	<b>1.25</b>	<b>4390.96</b>	<b>5585.67</b>	<b>2.82</b>	<b>5588.49</b>
33. National River Conservation Plan -Other Basins												
33.01 EAP Component	3.97	...	3.97	57.00	...	57.00	7.00	...	7.00	21.50	...	21.50

(In ₹ crores)

	Actual 2019-2020			Budget 2020-2021			Revised 2020-2021			Budget 2021-2022		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
33.02 Programme Component	131.89	...	131.89	163.00	...	163.00	93.00	...	93.00	78.50	...	78.50
Total- National River Conservation Plan -Other Basins	135.86	...	135.86	220.00	...	220.00	100.00	...	100.00	100.00	...	100.00
<b>Total-Centrally Sponsored Schemes</b>	<b>4168.08</b>	<b>0.42</b>	<b>4168.50</b>	<b>5344.69</b>	<b>1.82</b>	<b>5346.51</b>	<b>4489.71</b>	<b>1.25</b>	<b>4490.96</b>	<b>5685.67</b>	<b>2.82</b>	<b>5688.49</b>
<b>Grand Total</b>	<b>7109.21</b>	<b>309.39</b>	<b>7418.60</b>	<b>8574.37</b>	<b>386.02</b>	<b>8960.39</b>	<b>7124.00</b>	<b>138.09</b>	<b>7262.09</b>	<b>8700.80</b>	<b>321.77</b>	<b>9022.57</b>
<b>B. Developmental Heads</b>												
<b>Economic Services</b>												
1. Major and Medium Irrigation	2820.81	...	2820.81	3873.06	...	3873.06	3930.42	...	3930.42	4904.11	...	4904.11
2. Minor Irrigation	309.86	...	309.86	335.37	...	335.37	295.00	...	295.00	321.85	...	321.85
3. Flood Control and Drainage	183.67	...	183.67	39.78	...	39.78	18.53	...	18.53	39.31	...	39.31
4. Other Transport Services	9.60	...	9.60	23.55	...	23.55	18.80	...	18.80	22.95	...	22.95
5. Ecology and Environment	1560.79	...	1560.79	1653.63	...	1653.63	1313.11	...	1313.11	1463.20	...	1463.20
6. Secretariat-Economic Services	80.51	...	80.51	95.00	...	95.00	87.13	...	87.13	106.50	...	106.50
7. Capital Outlay on Major and Medium Irrigation	...	56.41	56.41	...	92.67	92.67	...	38.47	38.47	...	74.60	74.60
8. Capital Outlay on Minor Irrigation	...	185.14	185.14	...	212.78	212.78	...	68.66	68.66	...	206.20	206.20
9. Capital Outlay on Flood Control Projects	...	17.76	17.76	...	25.82	25.82	...	8.62	8.62	...	8.52	8.52
10. Capital Outlay on Other Transport Services	...	50.08	50.08	...	52.45	52.45	...	20.05	20.05	...	30.05	30.05
<b>Total-Economic Services</b>	<b>4965.24</b>	<b>309.39</b>	<b>5274.63</b>	<b>6020.39</b>	<b>383.72</b>	<b>6404.11</b>	<b>5662.99</b>	<b>135.80</b>	<b>5798.79</b>	<b>6857.92</b>	<b>319.37</b>	<b>7177.29</b>
<b>Others</b>												
11. North Eastern Areas	...	...	...	437.51	...	437.51	328.84	...	328.84	428.00	...	428.00
12. Grants-in-aid to State Governments	2095.02	...	2095.02	2095.27	...	2095.27	1001.85	...	1001.85	1224.13	...	1224.13
13. Grants-in-aid to Union Territory Governments	48.95	...	48.95	21.20	...	21.20	130.32	...	130.32	190.75	...	190.75
14. Capital Outlay on North Eastern Areas	...	...	...	...	2.29	2.29	...	2.29	2.29	...	2.40	2.40
15. Loans and Advances to State Governments	...	...	...	...	0.01	0.01	...	...	...	...	...	...
<b>Total-Others</b>	<b>2143.97</b>	...	<b>2143.97</b>	<b>2553.98</b>	<b>2.30</b>	<b>2556.28</b>	<b>1461.01</b>	<b>2.29</b>	<b>1463.30</b>	<b>1842.88</b>	<b>2.40</b>	<b>1845.28</b>
<b>Grand Total</b>	<b>7109.21</b>	<b>309.39</b>	<b>7418.60</b>	<b>8574.37</b>	<b>386.02</b>	<b>8960.39</b>	<b>7124.00</b>	<b>138.09</b>	<b>7262.09</b>	<b>8700.80</b>	<b>321.77</b>	<b>9022.57</b>
	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
<b>C. Investment in Public Enterprises</b>												

	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
1. NABARD	...	3813.30	3813.30	...	5000.00	5000.00	...	6459.29	6459.29	...	5130.00	5130.00
2. WAPCOS Limited	...	82.47	82.47	...	78.00	78.00	...	65.95	65.95	...	67.23	67.23
<b>Total</b>	...	<b>3895.77</b>	<b>3895.77</b>	...	<b>5078.00</b>	<b>5078.00</b>	...	<b>6525.24</b>	<b>6525.24</b>	...	<b>5197.23</b>	<b>5197.23</b>

1. **Secretariat:** Provision is for Secretariat establishment including all tribunal of the Department

2. **Central Water Commission:** Provision is for establishment expenditure of Central Water Commission and the works relating to Data Collection, Direction & Administration, Survey & Investigation, Hydrological Observation, Training, Research, Consultancy, Contribution to International Bodies, Modernization of Equipment, Cell for Monitoring Externally Aided Project, Water Planning, Payment to Government of Bhutan for Maintenance of Flood Forecasting & Warning Centre and Strengthening & Modernization of Flood Forecasting and Hydrological Observation Network in Brahmaputra and Barak Basin.

3. **Central Water and Power Research Station:** Provision is for establishment expenditure of Central Water and Power Research Station. Its functions are Planning, organizing and undertaking specific research studies relating to all phases of water resources development including water-borne transport and environmental aspects. It also renders consultancy and/or advisory services to the Central and State Governments as may be called upon from time to time

4. **Central Soil and Material Research Station:** Provision is for establishment expenditure of Central Soil and Material Research Station. CSMRS deals with field and laboratory investigations, basic and applied research on problems in geo-mechanics, concrete technology, construction materials and associated environmental issues, having direct bearing on the development of irrigation and power in the country and functions as an adviser and consultant in the above fields to various projects and organizations in India and abroad.

5. **Sardar Sarovar Construction Advisory Committee:** Provision is for establishment expenditure of Sardar Sarovar Construction Advisory Committee. This committee was constituted in 1980 by the Government of India in accordance with the decisions of the Narmada Water Disputes Tribunal (NWDI) with a view to ensuring efficient, economical and early execution of Unit-I (Dam and Appurtenant works) and Unit-III (Hydro Power works) of the Sardar Sarovar Project.

6. **Bansagar Control Board:** Provision is establishment expenditure of Bansagar Control Board. Based on the Inter-State Agreement among the Chief Ministers of Madhya Pradesh, Uttar Pradesh and Bihar, Bansagar Control Board was constituted in January 1976 for efficient, economical and early execution of Bansagar Dam and connected works. The respective States carry out works of canals and power systems within their territory. The Control Board has an overall responsibility for construction of the Bansagar dam and its appurtenant structures.

7. **Upper Yamuna River Board:** Provision is establishment expenditure of monitoring of Upper Yamuna River Board. The main function of Upper Yamuna River Board is to regulate the allocation of available flows amongst the beneficiary States and also monitoring the return flows; monitoring conserving and

upgrading the quality of surface and ground water; maintaining hydro-meteorological data for the basin; over viewing plans for watershed management; monitoring and reviewing the progress of all projects upto and including Okhla barrage.

8. **Central Ground Water Board:** Provision is for establishment expenditure of Central Ground Water Board. Central Ground Water Board (CGWB), is a multidisciplinary scientific organization with a mandate to Develop and disseminate technologies and monitor and implement national policies for the scientific and sustainable development and management of ground water resources, including their exploration, assessment, conservation, augmentation, protection from pollution, and distribution, based on principles of economic and ecological efficiency and equity. CGWB, being the national apex organization, is vested with the responsibilities to carry out scientific studies, exploration aided by drilling, monitoring of ground water regime, assessment, augmentation, management and regulation of ground water resources.

9. **National Institute of Hydrology:** Provision is for National Institute of Hydrology. The Institute was established in December, 1979 by the Government of India as an autonomous society fully aided by the Union Ministry of Water Resources. Its main functions are to undertake, aid, promote and co-ordinate systematic and scientific work in all aspects of Hydrology, to co-operate and collaborate with other National, Foreign and International Organisations in the field of Hydrology, to establish and maintain a research and reference library in pursuance of objectives of the Society and equip the same with books, reviews, magazines newspapers and other relevant publications etc.

10. **National Water Informatics Centre:** Provision is for establishment expenditure of National Water Informatics Centre (NWIC). The Informatics Centre was set up with approval of Cabinet. The EFC Meeting was held on 16.10.2015 and it was considered that in view the importance of National Hydrology data, the entire data and Decision Support System would be managed by NWIC.

11. **National River Conservation Directorate:** Provision is made for Establishment Expenditure for National River Conservation Directorate. The National River Conservation Directorate (NRCI) is providing financial assistance under the National River Conservation Plan to the State Governments/ local bodies to set up infrastructure for pollution abatement of rivers in identified polluted river stretches based on proposals received from the State Governments/ local bodies, excluding Ganga and its tributaries. NRCI has been shifted from M/o Environment, Forests & Climate Change in Budget 2019-20 (Regular). Provision up FY 2018-19 is available in the budget of MoEF&CC.

12. **North Eastern Regional Institute of Water and Land Management (NERIWALM):** The Provision is for Grants for payment of Salaries to regular Establishment of North Eastern Regional Institute of Water and Land Management (NERIWALM).

13. **National River Conservation Plan:** Provision is for National River Conservation Programme relating to River Ganga and its tributaries. Under this programme, the World Bank assisted projects under National Ganga River Conservation Authorities are executed as National Mission for Clean Ganga.

14.01. **Farakka Barrage Project:** Provision is for execution of Farakka Barrage Project.

It was commissioned for preservation and maintenance of Kolkata Port by improving the region and navigability of the Bhagirathi Hoogly river system. Its main functions are operation and maintenance of Farakka Barrage, Jangipur Barrage, Feedar Canal, Navigation Locks, Facilitation and implementation of agreement on sharing of Ganga Water between India and Bangladesh etc.

16. **Dam Rehabilitation and Improvement Programme:** Provision is for Dam Rehabilitation and Improvement Programme and Damodar Valley Corporation to undertake projects for Dam Safety and its rehabilitations. As a part of continuous strengthening of dam safety activities in India, this scheme has been taken up with World Bank Assistance.

17.01. **National Ganga Plan:** Provision is for implementing schemes/projects for the river Ganga and its tributaries. It includes scheme for rehabilitation and up-gradation of existing Sewerage Treatment Plants (STPs) besides commissioning of New STPs.

17.02. **Ghat Works for Beautification of River Front:** Provision is for beautification of River Front of River Ganga.

18. **River Basin Management:** Provision is for (i) Brahmaputra Board for its regular establishment and carrying out its regular activities/works like survey, investigation & preparation/ updating of Master Plans of NE States, Drainage Development Schemes, Anti-erosion & Flood Management Works etc.; (ii) Investigation of Water Resources Development Scheme which has components for survey, investigation & preparation of DPRs by CWC and grants to NWDA for its regular establishment and preparation of Feasibility Reports (FRs) and DPRs for Interlinking of Rivers, and (iii) establishment expenditure of River Basin Authorities

19. **Development of Water Resources Information System:** Provision is for implementation of projects relating to standardized national information system with a network of data banks and data bases, integrating and strengthening the existing Central and State Level agencies and improving the quality of data and the processing capabilities.

20. **Ground Water Management and Regulation:** Provision is for execution of project relating to Ground Water Management and Regulation for better ground water governance.

21. **National Hydrology Project:** Provision is for Implementation of National Hydrology Project, Revisiting of the methodology and model (developed by National Remote Sensing Centre and its consolidation, if required, training of the state engineers on the methodology for assessment, development of water assessment model at sub-basin level by state engineers (micro-models) in line with the macro-model of the basin, River Basin Planning, Extended Hydrological Prediction (EHP), Flood forecasting (early warning system for flash flood, flood and inundation), Sediment Modelling study, National Water Informatics Centre (NWIC) etc. This scheme has been taken up with World Bank Assistance

22. **Research and Development and Implementation of National Water Mission:** Provision is for research and development to provide educational training and human resources development programs in the water sector, and implementing schemes / projects for conservation of water, minimising of wastage and ensuring its more equitable distribution both across and within States through integrated water resources development and Management development through National Water Mission.

23. **HRD/Capacity Building Programme:** Provision is made for (i) information, Education and Communication (IEC) activities for dissemination and promotion of water conservation (ii) National Water Academy for training of officers in surface water sector, (iii) Rajiv Gandhi National Ground Water Training Institute for training of officers in surface water sector, (iv) Capacity Building Programme for regular establishment and activities of North Eastern Regional Institute of Water and Land Management (NERIWALM), a capacity building institution in the field of water and land management for Irrigation and Agriculture development. and (v) Training of MoWR, RD & GR officials etc.

24. **Infrastructure Development:** Provision is for infrastructure development involving information technology infrastructure, construction/modernization of offices of Ministry and its organization.

25. **Har Khet Ko Pani:** Provision is to implement projects under the schemes of (i) Repair, Renovation and Restoration of Water Bodies, (ii) Surface Minor Irrigation Schemes, and (iii) Ground Water Irrigation; under Har Khet Ko Pani component of approved scheme of PMKSY. While the Accelerated Irrigation Benefit Programme (AIBP)- covering Major and Medium Irrigation projects and Command Area Development and Water Management Programme (CADWM) in relation to identified 99 priority projects are being funded through EBR route from LTIF, the above components have continued under Budget route.

26. **Impact Assessment Studies:** Provision is for Impact Assessment Studies of the major and medium irrigation projects executed under Accelerated Irrigation Benefits Program (AIBP) in water sector.

28. **Flood Management and Border Areas Programme(FMBAP):** Provision is for control and mitigation of floods, hydrological observations and investigations of water resource projects with neighbouring countries, river management works on common/border rivers, flood control and anti erosion works, anti-sea erosion works, and maintenance of flood protection works of Kosi and Gandak Projects (in Nepal) etc.

29. **Irrigation Census:** Provision is for implementation of the projects under Irrigation Census schemes to take up Rationalization of Minor Irrigation Census etc.

30. **Atal Bhujal Yojna:** Token provision towards proposed new scheme Atal Bhujal Yojana (ABHY) to implement project for improving and incentivising ground water management.

31.01. **Payment of interest for NABARD loan to NWDA under PMKSY:** Provision is for payment of interest for NABARD loan to NWDA under PMKSY.

31.02. **Repayment of principal for NABARD loan to NWDA under PMKSY:** Provision is for repayment of principal for NABARD loan to NWDA under PMKSY.

31.03. **Interest subvention for NABARD to States under PMKSY:** Provision is for Interest subvention for NABARD to States under PMKSY.

32. **Special Package for Irrigation Projects to address agrarian distress in districts of Vidarbha and Marathwada and other chronically drought prone areas of rest of Maharashtra:** The provision is for implementation of irrigation projects to address agrarian distress in districts of Vidarbha and Marathwada and other chronically drought prone areas of Maharashtra.

33. **National River Conservation Plan -Other Basins:** The main objective of National River Conservation Plan (NRCP) is to improve the water quality of polluted stretches of rivers by reduction in pollution load reaching the rivers by undertaking various pollution abatement works. The scheme has been

shifted from M/o Environment, Forests & Climate Change in Budget 2019-20 (Regular). Provision up FY 2018-19 is available in the budget of MoEF&CC.