

F. No. 15011/1/2018-CADWM
Ministry of Jal Shakti
Department of Water Resources, River Development & Ganga
CADWM Wing

199F, Krishi Bhawan,
New Delhi.

Dated: 5th April, 2021

Subject: - Minutes of the 8th Meeting of the Project Implementation Review Committee (PIRC) for CADWM implementation of 99 Prioritised Irrigation Projects under PMKSY held over virtual platform on 4th March, 2021.

The 8th Meeting of Project Implementation Review Committee (PIRC) for CADWM Implementation of 99 Prioritized Projects under PMKSY was organized over virtual platform on 4th March, 2021 under the Chairmanship of the Additional Secretary, DoWR, RD & GR, Ministry of Jal Shakti, Govt. of India.

The approved Minutes of the Meeting are enclosed for information and necessary action on the decisions taken in the meeting. It is requested to submit the status of actions taken on the decisions at the earliest.


05/04/2021
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Distribution:-

1. Principal Secretary/Secretary, Govt. of Andhra Pradesh, Assam, Bihar, Chhattisgarh, Goa, Gujarat, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Odisha, Rajasthan, Punjab, Telangana and Uttar Pradesh.
2. Member (WP&P), CWC, Sewa Bhawan, R.K. Puram, New Delhi.
3. Chief Engineer, PMO, CWC, Sewa Bhawan, R.K. Puram, New Delhi.
4. All Chief Engineers, CWC of the Region concerned to above States.
5. Commissioner, SPR, Ministry of Jal Shakti, S. S. Bhawan, New Delhi.
6. NIC – *with a request to upload the minutes on MIS portal*

Copy forwarded to:-

1. PPS to Additional Secretary, DoWR, RD&GR, Ministry of Jal Shakti, S. S. Bhawan, New Delhi.
2. PPS to Chairman, CWC, Sewa Bhawan, R.K. Puram, New Delhi.

MINUTES OF THE 8TH PROJECT IMPLEMENTATION REVIEW COMMITTEE (PIRC) MEETING FOR CADWM IMPLEMENTATION OF 99 PRIORITIZED IRRIGATION PROJECTS UNDER PMKSY HELD ON 4TH MARCH, 2021

1.0 The 8th meeting of the Project Implementation Review Committee (PIRC) for CADWM implementation of 99 prioritized projects was organized over virtual platform on 4th March, 2021 under the Chairmanship of Smt. Debashree Mukherjee, Additional Secretary, DoWR, RD & GR, Ministry of Jal Shakti, Govt. of India. The PIRC meeting which usually would be a two day program consisting of field visit and a review meeting was shortened and the field visit was eliminated due to present COVID scenario. Senior officers from DoWR, RD & GR, Central Water Commission, State Governments and Project Monitoring Unit (PMU) attended the meeting. The list of participants is at **Annexure- I** and summary record of PIRC decisions and recommendations is given at **Annexure-II**. Photographs taken during the meeting are at **Annexure-III**.

2.0 Additional Secretary, DoWR, RD & GR, in her opening remarks to the participants expressed concerns over the slow implementation of the CADWM program. She also emphasized the importance of the Command Area Development Program and further stated that command area development is the keystone for equitable access of water, without which all the investments on the dam & canal network will go in vain. She highlighted two critical aspects for the CADWM implementation, namely: (i) completing the CAD works within stipulated time frame, and (ii) ensuring the sustainable Water User Association (WUAs) that can take on the responsibility for the management of completed CAD assets. She further stressed that WUAs should be involved in the CAD planning right from the inception stage of the program under each project.

3.0 Dr. B. R. K. Pillai, Commissioner (CAD), DoWR, RD&GR requested all the participants to follow the general principles of virtual meetings so that meeting could be conducted and recorded smoothly. He further requested regional offices of CWC to make presentations as per agreed sequence. State-wise presentations were made by Chief Engineers of CWC Regional offices, and discussions were held as summarized below:

- (i) **Maharashtra:** Sh. Ashok Kharya, Chief Engineer, National Water Academy, Pune presented the overall implementation status of CADWM program for the Maharashtra. He stated that there are 26 projects of the State under PMKSY (for AIBP), but only 22 have been included under CADWM program. The balance 4 projects do not require CAD works. Out of 22 projects included under CADWM programme, 6 are medium projects rest 16 are major projects. He further informed that out of 22 CADWM projects, 18 projects are availing the Central Assistance and

only 17 projects are showing the progress at the field. As regards financial progress is concerned, it was reported that against the target CA of Rs. 1003.7 crore, CA of Rs. 107.76 Crore (about 11% of the total targeted CA) has been released to the 18 projects up to January 2021. Four projects namely, Aruna, Kudali, Lower Pedhi and Nandur Madhmeshwar have not availed the CA so far. The total expenditure reported is Rs. 357.92 crore (about 16%) against the target of Rs. 2200.89 Crore. As regards Physical progress is concerned, CCA of 120.8 Th. Ha has been developed up to Jan, 2021 against the target of 517.4 Th. Ha (23%). On Non-structural interventions front, 1043 nos of Water User Associations (WUAs) have been formed against the targeted no. of 1612 and 717 WUAs have been registered so far. No WUAs have been formed and registered in 10 projects namely, Arjuna, Aruna, Dhom Balakwadi, Gadnadi, Khadakpurna, Krishna Koyna Lift, Kudali, Lower Dudhna, Lower Pedhi & Upper Kundalika. CE, NWA further informed that the State has kept ambitious target for completing 5 projects namely, Bawathandi, Dhom Balakwadi, Lower Panzara, Upper Kundalika and Upper Pen Ganga by March 2021 as well as kept a high target of covering 1.50 lakh ha of CCA during the next FY i.e. 2021-22. State Government has set the target date of completion as March 22 for 11 projects, March 23 for 5 projects and March 24 for 1 project (Goshikhurd). Further, 9581 no. of outlets have been completed by the State, of which only 247 no. of outlets have been geo-tagged.

While elaborating Micro-irrigation progress, CE, NWA, Pune informed that of the total 73.23 Th. Ha proposed to be covered under micro-irrigation, the state government has only covered 11.99 Th. Ha which is approximately 16.4% of the total proposed coverage. Three projects namely Waghur (95%), Lower Panjara (100%) & Upper Kundalika (100%) has made much progress in micro-irrigation coverage while 19 projects are yet to take up micro-irrigation. State Govt. has kept a high target of 20.78 Th. Ha under micro-irrigation for FY 2021-22.

CE, NWA also pointed out various bottlenecks which are impeding the project progress in the State; these include: State budget/fund constraints, shortage of technical staff at working level, absence of hydraulic-continuity in distribution network, shorter working period available due to standing two seasonal crops, capacity related issues of contractors/suppliers etc.

Additional Secretary (DoWR,RD&GR) enquired from the Maharashtra State Govt representatives about the slow progress of micro-irrigation component in the State. She also pointed out that at some of the projects where high irrigation potential have been created under AIBP, irrigation potential developed under CADWM is low. Deliberating the bottlenecks, Additional Secretary asked about the various steps being taken by the State Govt. to sort out these bottlenecks.

Responding to the query, Sh. Ghanekar, Secretary (CADA), Govt. of Maharashtra informed that the Department has real shortage of Junior Engineer level staffs, who are actually working at the field level. He further informed that the State Department were in the process of recruiting around 1000 JEs, but because of pandemic, that recruitment has been put off. However, the Government is allowing the Irrigation Development Corporations to engage the retired staffs on contract basis to press the work forward. However, the response of retired staffs is not much encouraging and therefore the works are suffering. Now the Department has received permission from the Govt. to carry out the recruitment, and it will be completed in the shortest possible time. Department is also seeking approval for engaging certain agencies which would supply the requisite manpower particularly at JE level staffs. Secretary (CADA) also informed that at some of the projects, non-completion of AIBP works hampers the progress of CAD Works.

Director, Monitoring, CWC, Pune informed that both AIBP and CAD works are being implemented in the State by the same agency. As ascertained from project inspections, at many projects, hydraulic connectivity is lacking mainly because of the land acquisition/contractual issues of AIBP and because of which further CAD works have not started at those projects. He also highlighted that at many projects, open canal system is being converted into PDN system, resulting in delay in planning, alignment and design of PDN works. He further said that the CDO, Nasik should be strengthened to take up the planning, design and alignment of PDN works. Some of the projects (like Trali) are also facing the fund shortage issues. Works have been awarded, but due to limitation of adequate fund, contractors are not taking up the works and there is an urgent need for judicious distribution of fund among the various projects. Some of the projects are yet to be tendered such as Sangola branch. Responding to above, Secretary (CADA) informed that CDO, Nasik has been strengthened and CDO has also been given permission to engage Consultant to expedite the work. There were fund release issues due to the pandemic, but funds are now being released on priority for PMKSY projects. Steps are also being made to motivate Contractors for completing the works in time, and in case of unwilling contractors, contracts are being terminated.

Director, Monitoring, CWC, Pune pointed out the slow progress of non-structural components in the State and suggested for engagement of NGOs for all the projects who will be helping in the formation, registration and capacity building of the WUAs. Secretary (CADA) informed that State has shortlisted 20 agencies/NGOs/University Departments, who will carry out the handholding work for WUAs.

Commissioner (CAD) requested the regional CWC office to record the actionable points as ascertained from the monitoring visits on the CADWM-IS portal for its compliance by the State, and tracking of such compliances. He also informed about discussion held with the two officials of Mumbai School of Economics and Public Policy, which is providing hand holding support to WUAs under two Maharashtra projects. The need for their closer interactions with the department officials were underlined during the stated discussion.

Additional Secretary informed that Central Govt. is moving the proposal for continuation of PMKSY projects. Maharashtra has the largest no. of projects and the poor progress of Maharashtra will have implications on the extent of its participation. She advised the States to utilize maximum extent of Central funds by March 2021. She also suggested the capacity building of engaged NGOs on miscellaneous aspects of CADWM program through National Water Academy, Pune.

(Action: Govt. of Maharashtra; CWC Nagpur, NWA Pune)

- (ii) **Karnataka:** The status of CADWM projects of Karnataka was presented by Sh. Sushil Kumar, Chief Engineer, Monitoring South Organization, CWC, Bengaluru. It was informed that there are 5 projects of the State namely, Sri Rameshwara LIS, Upper Tunga Irrigation Scheme, Bhima LIS, Karanja, and NLBC which were included under the CADWM programme. However, NLBC Project was proposed to be dropped by the State Govt during 6th PIRC meeting. Presenting the Financial & Physical progress of these 4 projects, it was informed that against the target expenditure of Rs 243.05 crore, an expenditure of Rs. 162.20 crore has been done which is roughly 67% of the target expenditure. The CA availed by the state is Rs. 75.33 crore against the CA target of Rs. 108.87 crore (69% of the targeted CA). The CCA developed is 37.46 Th. Ha against the target of 55.35 Th. Ha (68%). The physical progress achieved is thus commensurate with the total CA release and the total expenditure incurred. The no. of WUAs formed is 222 against the target of 264 (84%). It was further informed that the two projects namely Sri Rameshwara LIS and Bhima LIS are almost completed and State Govt. has been requested to submit the completion certificates for these two projects. The other two projects Upper Tunga and Karanja are likely to spill over the next financial year. State Government has kept the completion target as March 2022 for Upper Tunga and June 2021 for Karanja Project.

The physical progress at Upper Tunga Project is low (roughly about 45%) mainly because of non-completion of AIBP works. Farmers are not allowing to take up the FIC works for an area of 2313.88 ha due to non-payment of land acquisition by the KNNL. CWC has raised this issue with the State Government and State Govt has

directed the concerned agency to release the pending payment. There are mainly two issues/bottlenecks which are hampering the progress of two projects of Karnataka: (i) absence of hydraulic connectivity, that too in small-small stretches, because of land acquisition problems, and (ii) unwillingness of farmers. Progress at Karanja project is low, because the scheme was included under the CADWM program very late in 2017-18, and works are expected to be completed by the next financial year. CE, MSO, CWC further informed that although substantial progress has been achieved in the formation and registration in the Water User Associations, but many of the registered WUAs are not functioning on the ground in real sense. Also, there are delay in releasing the functional grants and infrastructure grants to the WUAs. The views of the officials of Karnataka Government could not be obtained owing to connectivity issues.

Commissioner (CAD) requested CWC office to expedite online submission of the CA proposal for Upper Tunga Project for FY 2020-21 along with the Utilisation Certificates, Budget Certificates, and other requisite documents.

Additional Secretary appreciated the good progress achieved by the Karnataka so far and she requested the State to explore the possibility of inclusion of some extent of micro irrigation under the command area of these projects.

(Action: Govt. of Karnataka; CWC Bengaluru)

- (iii) **Goa:** The status of CADWM projects of Goa was presented by Sh. Sushil Kumar, Chief Engineer, Monitoring South Organization, CWC, Bengaluru. It was informed that there is only 1 project of the State namely, Tillari Project included under the ongoing CADWM programme. No CA has been released to the project as of now. Against the balance CCA target of 8667 Ha, 1073 Ha has been completed (12%). Target for FY 2020-21 was 4.20 Th. Ha, against which CCA of 0.147 Th. Ha has been achieved by January 2021. But the State is trying to make progress as much as possible by the end of March 2021. Against the target expenditure of Rs 153.65 crore, an expenditure of Rs. 41.54 crore has been done which is roughly 27% of the target expenditure. The project is proposed to be completed by March 2022. Expenditure incurred during this financial year up to Jan, 2021 is Rs. 6.41 Crore, while the target for the year 2020-21 was Rs. 40.00 Crore. Central Assistance of Rs. 3.84 Crore has been sanctioned to this project, for release during the current financial year. Total 42 no. of WUAs were formed and registered under the project; all these were formed before March 2016. Total area under cultivation by these 42 WUAs is 5085.59 Ha.

State representative informed that main bottleneck is the UGPL work in Pilgao-Narva distributary. The said work has not been started yet. Moreover, farmers in

various parts of command area are reluctant to practice agriculture/irrigation due to availability of better livelihood opportunities in the State. Besides, there are capacity related issues of Contractors/Suppliers. State Govt. representative also informed that contractors payment issues have been resolved.

Commissioner (CAD) expressed the concern over the non-updation of progress indicators on the CADWM-IS portal in respect of Goa projects, and requested the State representatives to update the physical and financial progress on regular basis.

(Action: Govt. of Goa; CWC Bengaluru)

(iv) Rajasthan: The status of CADWM projects of Rajasthan was presented by Sh. G. K. Agarwal, Chief Engineer, Yamuna Basin Organization, CWC, New Delhi. It was informed that there are two projects in the State under PMKSY namely, Narmada Canal Project & Gang Canal project. Narmada canal project has been included only for Non-structural interventions, as structural components have already been covered under AIBP. Against a targeted expenditure of Rs. 439.01 crore and expenditure of Rs. 104.96 crore has been incurred (24%). Against a total CA of Rs. 224.12 crore for the State, the CA released is Rs. 52.09 crore (23%). Against the target WUAs of 2411, 2409 WUAs have been formed, and the systems have been handed over to 2185 WUAs. State Govt. has kept the target of development of 32.00 Th. Ha under the Gang Canal Project for the FY 2021-22. Further expenditure target of Rs. 78.02 crore and Rs. 186.14 crore have been kept for FY 2020-21 & 2021-22 respectively for these two projects. Regarding micro irrigation system, CW, YBO, CWC informed that MI system has already been installed in the 2,46,000 Ha command area of the Narmada Canal Project prior to sanction of CADWM, while MI in Gang Canal Project has been exempted, as it is a very old project and farmers are not interested in taking up the MI works. At the Gang Canal project, 168 outlets out of 522 have been completed, whereas in the Narmada Canal Project, all the outlets completed. However, Geo-tagging is yet to be done. Rajasthan has made a substantial progress in the formation, registration and in handing over the completed CAD assets to the Water User Associations. The progress on this account is almost 99%. Rs. 5.12 Crore functional grants have been released to the WUAs.

On the specific query by Commissioner CAD, that why the State Govt has kept a low target of 32.00 Th. Ha for the next financial year (2021-22), the state representatives informed that Department is facing the shortage of staffs particularly at the level of Junior Engineer and Assistant Engineer level and the current staffs strength is almost 50% of the sanctioned strength.

Further, State representative requested to release the CA of Rs. 9.37 Crore to the State Government, so that the fund can be utilized by March 2021. Commissioner (CAD) clarified that Sanctioned order has already been issued and hopefully it will

be released by the NABARD by mid of March 2021. He also suggested Rajasthan to submit the next CA proposal in early April/May 2021 along with the revised MoU in case of time extension. On pointed query regarding geo-tagging, State representative stated that geo-tagging of the outlets have been started and it will be completed by April/May 2021. Commissioner (CAD) informed that a mobile app has been launched for ease of geo-tagging the outlets. This App can be downloaded from the CADWM MIS website, can be used in offline mode also.

(Action: Govt. of Rajasthan; YBO, CWC, New Delhi)

- (v) **Gujarat:** The status of CADWM project of Gujarat namely, Sardar Sarovar Project was presented by Sh. M. P. Singh, Chief Engineer, M&TBO, CWC, Gandhinagar. Presenting the financial progress it was informed that out of targeted Expenditure of Rs. 5022 crore, an expenditure of Rs. 3639 crore has been incurred (72%). The expenditure during 2019-20 was Rs. 76.95 crore while during the current FY (up till Feb 2021) the expenditure is only Rs. 39.35 crore. The total CA released so far is Rs. 1719 crore against the target CA of Rs. 2511 Crore (68%). As regards physical progress is concerned 941 Th. Ha has been covered out of targeted coverage of 1364 Th. Ha. (69%) and no of WUA registered is 3464 against the target of 4466 (78%). The assets have however been handed over to only 1451 WUAs against the total no. of WUAs formed and registered, which is 3464 (42%). During the current financial year, a target to cover 170 Th. Ha has been set, of which only 3.36 Th. Ha has been achieved up to January 2021. At the Sardar Sarovar Project, 4600 outlets have been completed, of which 322 outlets have been geo-tagged.

As regards micro-irrigation is concerned, it was informed that a separate agency namely, Gujarat Green Revolution Company is involved in carrying out the works. Micro-irrigation in 231 Th. Ha has been done against the target of 140 Th. Ha. Commissioner (CAD) requested the State Government to submit a letter confirming that the progress of Micro-Irrigation under Sardar Sarovar Project command is 2.31 lakh hectares. State Government representative informed that letter in this regard will be sent to the Ministry by end of March 2021.

CE, M&TBO, CWC further informed that no CA release proposal was received either during 2019-20 or during the current FY. Responding to this, the state representative Sh. V P Kapadia, Director (Civil), SSNL informed that due to Covid pandemic, entire tendered works have been collapsed. But the state has again invited the tenders for the balance works and by the end of June, 2021, there will be a tangible progress on the field. On the specific query by Commissioner (CAD) regarding the submission of next CA proposal, State representative inform that about Rs 150 crore is still available with the state government and the next CA is expected in May 2021 after exhausting the unspent CA.

Commissioner (CAD) also expressed concern over the slow progress of release of functional grants to the WUAs, despite having well established cooperatives system in the State. State Government representative clarified that once the Water User Associations start functioning on the ground, start collecting water charges from the farmer, and start submitting the bills and record to the State Government, then functional grants will be released to the WUAs. Commissioner CAD requested the state representative to empower the WUAs by way of upfront release of functional & infrastructural grants to WUAs in line with earlier decisions of the PIRC and remove unwarranted conditions in the way of release of grants. He further stated that there's a huge discrepancy in respect of CCA progress as reported in the PIRC meeting and in the CADWM-IS portal (2.6 lakh ha reported during the PIRC, whereas 4.9 Lakh Ha CCA progress captured in MIS) and requested the State representatives to look into it and update the corrected physical and financial progress on the MIS portal on regular basis.

(Action: Govt. of Gujarat/CWC Ahmedabad)

- (vi) **Manipur:** The status of CADWM projects of Manipur was presented by Sh. P. M. Scott, Chief Engineer, Brahmaputra & Barak Basin Organization, CWC, Shillong. Presenting the Physical & Financial progress of the 2 projects, namely Dolaitabi Barrage Project and Thoubal Multipurpose Project, it was informed that out of target expenditure of Rs 122.71 crore, Rs 35.16 crore has been incurred which is about 28.65 %. Against the targeted Central Assistance of Rs. 63.65 crore, Rs.17.58 crore CA was released to the projects during 2015-16. The state has availed a loan of Rs. 55.19 crore during 2019-20 towards State share from LTIF. Against the target CCA of 22.036 Th. Ha, CCA of 8.661 Th. Ha as been covered which is about 39%. MI works in the projects have not yet started. It was also informed that 68 WUAs have been formed out of target of 68 WUAs (100%), and all these 68 WUAs have been registered under Manipur Societies Act 1989.

The State representative informed that the delay in progress is due to unavailability of State share with the project authorities, which was released by NABARD to State Government in December, 2020 but not transferred to project authorities. Commissioner (CAD) expressed strong objections for unwarranted parking of central fund for which part interest is being paid by the Central Government, and he requested CWC to take up the matter with appropriate authorities. Based on project inspections carried out during March, 2021, he also expressed concern about lack of coordination between Water Resources Department and CADA authorities of State government, which is adversely affecting the progress of work. Issues such as geo-tagging and mapping of progress on MIS were also raised by him. It was also pointed out that display boards reflecting Central funding of the projects under PMKSY are missing at sites.

Besides the need for interventions related to CADWM, he also drew attention of the State Government and CWC regional office, on the safety aspects of Thoubal dam. It was pointed out by him that the only outlet from the dam has only a regulating gate without having any emergency gate or stand by arrangements.

(Action: Govt. of Manipur / CWC, B&BBO, CWC Shillong)

(vii) Assam: The status of CADWM projects of Assam was presented by Sh. B. K. Karjee, Chief Engineer, Brahmaputra Basin Organization, CWC, Guwahati. Presenting the Physical & Financial progress of the 3 projects, namely, Dhansiri, Champamati and Borolia, it was informed that out of target expenditure of Rs 215.48 crore, Rs 41.258 crore has been incurred which is about 19.15%. Against the targeted Central Assistance of Rs. 106.27 crore, Rs.20.495 crore CA has been released (19%). Against the target CCA of 46.62 Th. Ha, CCA of 26.571 Th. Ha has been covered which is about 57%. The State Government has kept a target of covering 20.048 Th. Ha CCA during the current Financial Year. The progress is particularly slow in respect of Dhansiri & Borolia projects; in fact, Borolia project is yet to show any kind of progress. As regards to Champamati project, it was informed that full CCA has been covered.

It was informed that the desired progress was not achieved due to non availability of funds because of State budget constraints resulting in delay in submission of CA release proposal by the State. In response to this, Commissioner (CAD) clarified that State Share loan can also be availed from NABARD as per established funding mechanism in order to mitigate the State budgetary constraints. BBO, CWC, Guwahati was requested to interact with State Government for obtaining the necessary completion certificate for Champamati project, so that project can be declared completed. Issues such as geo-tagging of completed outlets and mapping of progress on MIS were also deliberated upon, and State officials were requested to carry out the same on priority.

As regards micro irrigation is concerned, it was informed by the CWC, Guwahati that Champamati has already been completed and in Dhansiri State government has planned for covering 1000 hectare by micro irrigation. During the 6th PIRC meeting the State representative has informed that several diggies have been constructed in the command area of the project and the water is lifted from these diggies through solar pumps. At that time Commissioner (CAD) clarified that lifting water from diggies through solar pumps and then doing flow irrigation is not construed as MI. Commissioner (CAD) clarified that if the system is prepared by installing solar pump for future use of MI, then the area so covered can be taken as covered under MI infrastructure for future readiness, otherwise it will be considered under OFD works. Responding to this, CE, BBO, CWC clarified that the 1500 Th. Ha covered under the Champamati project cannot be considered as the MI works.

(Action: Govt. of Assam, CWC Guwahati)

(viii)MP (WRD): Sh. Aditya Sharma, CE, NBO, CWC, Bhopal stated that there are 2 agencies namely MP, WRD & NVDA which are involved in implementation of CADWM projects in Madhya Pradesh. MP, WRD is involved in implementation of 10 CADWM projects namely Sagad Project, Singhpur Project, Sanjay sagar (Bah) Project, Mahuar Project, Sindh Phase II, Mahi Project, Bariyarpur LBC, Bansagar Unit 2, Mahan Project, and Pench. As regards Financial Progress is concerned, it was reported that against the target CA of Rs. 636.681 crore, CA of Rs. 264.39 crore has been released (42%) to these 10 projects. The total expenditure is reported as Rs 547 crore against the target of Rs. 1273 crore (43% progress). As regards Physical progress is concerned, CCA of 206.00 Th. Ha has been developed against the CCA target of 311.00 Th. Ha (66%), while progress in respect of WUA formation has been 100% with all the 214 WUAs formed.

As regards micro-irrigation is concerned, works have not yet started. WRD, Government of Madhya Pradesh has proposed micro-irrigation in 49.542 Th. Ha area. The works are scheduled to be completed in 2 years. In MP, construction of field channels and other activities are being executed through elected WUAs. CE, NBO, CWC Bhopal informed that although there is 100% progress on the front of WUAs, but on the ground, these WUAs are not functioning. He further informed that in 1999, Govt. of MP enacted the WUA Act. Under the said Act, every five years, elections are required to be held. Elections were held in 1999, 2004 and 2009. In 2013, Govt. of MP made certain amendment in the WUA Act and provisions were made for every six year election and two-third of the members retiring every two years. This System was functioning well and but in 2019, all WUAs which are formed since 2013 were abolished. Now the State Govt. has again moved a proposal for reinstating the earlier six years election system and hopefully within 2-3 months, new provisions will become effective. Only then these WUAs will become active and there will be actual progress on the ground.

On the query regarding no progress in micro-irrigation, CE, NBO, CWC, Bhopal informed that things are not moving on MI front. He informed that instead of adopting the MI system, farmers prefer to take water directly from the nearby canal where sufficient water is available. This is the main reason for slow progress of MI in all the 10 projects of MP WRD. Further, as most of the OFD works are being executed through WUAs but as there are technical issues in execution of micro-irrigation, these works will not be got done through WUAs but are instead proposed to be taken up through tendering. Further, State representative informed that areas identified under MI are in patches, which is hindering the progress.

Commissioner CAD informed that most of the projects barring few are reporting progress in MIS. He requested representatives of MP to update the progress in MIS for all the projects.

CE, NBO, CWC asked the clarifications regarding whether 10% of CCA of any project can be shifted to the command area beyond the 10 included projects of MP for the development of MI. On this Commissioner CAD clarified that for included projects, extent of MI can be increased even up to 100%, however the target cannot be shifted to those projects which are not part of the ongoing CADWM program. State Govt. representative informed that about 5000 outlets have been completed and about 1200 outlets have been geo-tagged.

MP (NVDA): NVDA is implementing 4 projects (in 10 phases) of the State under PMKSY and all have been included under CADWM program. As regards Financial Progress is concerned it was reported that against the target CA of Rs. 606 crore, CA of Rs. 57 crore has been released to these 10 projects. The total expenditure is reported as Rs 105 crore against the target of Rs. 1260 crore which is nearly 8%. As regards Physical progress is concerned, CCA of 47 Th. Ha has been developed against the CCA target of 284 Th. Ha which is nearly 16%. NVDA has set a target of covering 49 Th. Ha for the FY 2021-22. As regards formation of WUAs is concerned, it was reported that 125 out of 174 WUAs has reportedly been formed.

Commissioner CAD queried about the slow progress of the projects. NVDA representative informed that 49.00 Th. Ha has been kept for the FY 2021-22 and CA proposal amounting to Rs. 119.00 Crore are currently under process in the Department and it will be submitted to the CWC in April 2021 for further needful.

(Action: Govt. of Madhya Pradesh/CWC Bhopal)

- (ix) **Chhattisgarh:** Sh. Aditya Sharma, CE, NBO, CWC, Bhopal presented the status of the 3 projects of Chattisgarh namely, Kelo, Maniyari Tank and Kharung Tank. It was informed that CA of Rs. 21.71 crore was earlier released.

Informing about Kharung project it was stated that tender for CADWM works of Kharung project has been finalized in three groups. For first group work is started and potential of 1000 ha has been created. For second group, survey work is completed and design and drawing work is under progress. For third group, tendering is done and the rates quoted by the agency has to be accepted by the Govt, which is expected to be done by 15th March 2021. The expected completion of CADWM work of Kharung project is proposed in March 2022.

Informing about Maniyari project, it was stated that tender for CADWM works of Maniyari project has been finalized in four groups. For three groups, work order has been issued and survey design and planning work is in progress. For remaining one group, tendering is done and the rate quoted by agencies is to be accepted by the Govt, which is expected to be completed within 2nd week of March 2021. The expected completion of CADWM work of Maniyari project is proposed in March 2022.

For Kelo project, tender for CADWM has been called in six groups. Tenders are received and under acceptance by the Govt. By the end of March 2021 tendering process may be completed and work order will be issued. In the tenders, 11 months time has been given for completion of the CADWM works, but due to non-completion of minor canals at some locations, work may be extended; therefore tentative completion of the CADWM works of Kelo project has been kept by the State in March 2023.

Commissioner CAD, asked the state representatives to expedite the works and finish the tendering process of all the works of three projects of Chhattisgarh latest by April 2021.

(Action: Govt. of Chhattisgarh, CWC Bhopal)

- (x) **Odisha:** The status of CADWM projects of Orissa was presented by Sh. A. K. Nayak, Chief Engineer, M&ERO, CWC, Bhubaneswar. It was informed that there are 8 projects of the State under PMKSY. Out of 8, 3 projects namely Upper Indravati, Ret & Rukura have been completed and balance 5 are ongoing. Of these 5 projects, 2 projects namely Lower Indra & Telengiri are in advance stage of completion while the balance 3 namely, Subarnarekha, Anandpur & Kanupur are lagging behind with progress ranging from 0% to 7% mainly because of AIBP works held up due to land acquisition issues.

Regarding formation of WUAs, it was informed that 116 out of 545 WUAs have been formed and assets have been handed over to 93 WUAs. Rs. 2.771 crore has been released as functional grant to WUAs. On the issue of linking of the release of functional grant to WUAs with the farmers share by Government of Odisha as mentioned in one of the slides of the presentation, Commissioner CAD pointed out that the issue was already deliberated upon in earlier PIRC meetings and it has been decided that Rs. 800/ha can be released upfront. Representative of Odisha informed that release of functional grant is not pre-conditioned against collection of farmers share rather delay is attributed to delay in verification of command which is still under process. It was further clarified that verification of command is the joint activity of revenue department and water resources department, once that activity is completed, the farmers share is finalized, functional grant will be released. As per the presentation, the state has kept a target of forming 105 WUAs during the current Financial Year.

As regards micro irrigation is concerned, it was informed that out of 24.029 Th. Ha, micro-irrigation has only been taken up in 252 Ha. In case of Upper Indravati, Ret and Telengiri projects Micro Irrigation portion, has already been shifted under field channels. In Rukura out of identified CCA of 575 hectare under micro irrigation, 252 ha has been achieved and in Lower Indra project an area of 2990 hectare has been identified for MI and tendering is under progress. It was further informed

that a CA of Rs. 129.45 crore has been released against the target of Rs. 420.22 crore. The total expenditure was reported to be Rs 374.41 crore.

Commissioner CAD enquired about the Subarnarekha CAD project where potential created was indicated as 78% while CCA developed was indicated as 8.2%. The state representatives informed that there are certain patches where there is no hydraulic connectivity due to land acquisition and pending forest clearance. Commissioner CAD also asked the State representatives and CWC regional officers to submit CA proposal for all the completed projects for reimbursement of pending Central Share. State representatives were further asked to submit the audit certificate of the previous years while sending the CA proposal for reimbursement.

Chief Engineer, Monitoring, WRD, Odisha further informed that Lower Indra & Telengiri would be completed by March 2021. But the other 3 namely, Subarnarekha, Anandpur & Kanupur will take further time.

Commissioner (CAD) expressed his concern about non mapping of progress on MIS, especially of WUAs and urged state official to do so on priority basis. He assured of extending any hand-holding support on MIS, in case needed, and requested CWC Bhubaneswar to intervene and sort out the issue. On inquiry about the target of CCA for 2021-22 in respect of Subarnarekha, Anandpur & Kanupur projects, it was informed by the state representative that for Subarnarekha & Anandpur it is 10,000 hectare but no CCA is planned for Kanupur due to inherent underlying issues. He further clarified that all the completed outlets will be geo-tagged within two months of time.

(Action: Govt. of Odisha; CWC Bhubaneshwar)

- (xi) **Bihar:** The status of CADWM projects of Bihar was presented by Sh. Ambrish Nayak, Chief Engineer, Lower Ganga Basin Organization, CWC, Patna. Presenting the progress of CADWM projects of Bihar, it was conveyed that there are 2 Projects of the State namely, Durgawati and Punpun under PMKSY out of which Durgawati Project only has been included under CADWM Program. Rs 40.72 crore has already been released as CA to Durgawati Project from 2015-16 onwards. The State government has reported a total expenditure of Rs. 69.384 crore against a target expenditure of Rs. 148.57 crore. The CCA covered is 17.756 Th. Ha against the target CCA of 32.24 Th. Ha. The State government has planned to cover 14.71 Th. Ha CCA during FY 2020-21. Only 200 ha area has been brought under MI, the target of MI for FY 2020-21 is 3,047 ha. The no of WUAs formed are 14 against the target of 30 WUAs. Assets have been handed over to 9 WUAs and functional grant has been given to 8 WUAs. It was also informed that CAD works are being executed through WUAs only. It was further informed that as the project authorities have unutilized money available with them, the CA proposal for 2020-21 was not submitted. Slow pace of CADWM progress has been attributed to land acquisition issues in the project Command and same is under advance stage of negotiations. Micro Irrigation works are also lagging and it was informed by the official of Government of Bihar that main reason is unwillingness of farmers to

adopt micro irrigation due to cost towards farmers share and GST issues . Another reason is high cost of micro irrigation against existing cost norm of Rs. 50,000.00/ha against actual cost of Rs.1,16,000.00/ha as of now. There is another 3000 hectare of area in the project Command where farmers are stubborn to part their land and state government informed that they have decided to drop that area from total CCA of the project. It was also informed that project is planned for completion by 2021-22.

(Action: Govt. of Bihar; CWC Patna)

(xii) Jharkhand: The status of CADWM projects of Jharkhand was presented by Sh. Ambrish Nayak, Chief Engineer, Lower Ganga Basin Organization, CWC, Patna. It was informed that there is only one project in the State, namely, Subernarekha under the 99 prioritized projects under PMKSY. Briefing about the project it was informed that there has been no progress in the project. The State government has not submitted any CA release proposal so far. On the specific query by Commissioner CADWM regarding progress in tendering, the State representative informed that due to pending administrative approval from the State Government, tendering process could not be started and there is fund constraints as well. As AIBP work is yet to be completed and accordingly it was informed by the State official that no work is likely to commence in next one year.

Commissioner (CAD) expressed grave concern over the fact that the State Govt. is not taking any interest in the execution of CADWM works. Even after lapse of so many months, administrative approval and budget allocation to the project is pending. He requested Chief Engineer, LGBO, CWC to send a draft letter which may be sent from Secretary (DoWR) to Chief Secretary, Govt. of Jharkhand regarding the slow pace of implementation of CADWM works.

(Action: Govt. of Jharkhand; CWC Patna)

(xiii) Kerala: The status of CADWM projects of Kerala was presented by Sh. N. M. Krishanunni, Chief Engineer, Cauvery & Southern River Organization, CWC, Coimbatore. It was informed that there are two projects of the State under PMKSY out of which one project, namely, Muvattapuzha, has already been included under CADWM program. The other project, namely Karapuzha was dropped due to land acquisition problems.

Presenting about the progress of Muvattapuzha Project, it was informed that against the target expenditure of Rs. 107 crore, expenditure of only Rs. 11.285 crore has been made. Central Assistance (CA) amounting to Rs. 2.69 crore was released to this project during 2020-21, against which only Rs.26 lakh has been utilized so far during 2020-21. The Superintending Engineer, MPIV informed that that the project was lacking progress due to the fact that the funds released by Central Government has gone to a different account involving technical difficulties in drawing of funds.

Additional Secretary viewed the reported facts very seriously, and remarked that nearly after a year of release of Central Assistance; the funds couldn't be utilized by State agencies towards any physical progress of the project. She urged regional office of CWC to bring this to the notice of senior officials of Water Resources Department, Government of Kerala.

The progress in physical terms is also very low; just 2.48 Th. Ha hectares has been completed since its inclusion in 2016-17 against the target of 16,795 ha. As regards formation of WUAs is concerned, 126 WUAs has been formed against the target of 240 WUAs. The State representative informed that they are hopeful to complete the project by March 2022.

(Action: Govt. of Kerala; CWC Coimbatore)

(xiv) Uttar Pradesh: The status of CADWM projects of Uttar Pradesh was presented by Sh. Anupam Prasad, Chief Engineer, Upper Ganga Basin Organization, CWC, Lucknow. It was informed that only 3 projects of the State would be taken up under the 99 prioritized AIBP projects under the PMKSY. Two projects, namely, Arjun Sahayak and Saryu Nahar Pariyojna have already been included while Madhya Ganga project is yet to be included under the ongoing CADWM Program.

Presenting the consolidated picture of the State, CE ,UGBO, CWC informed the target expenditure of these 3 projects is Rs. 1862 crore out of which expenditure of only 47 lakh has been incurred. The target CA for these 3 projects is Rs. 917 crore out of which Rs. 156 crore has been released. There has been no progress in physical terms and no WUAs has been formed so far. As briefed by CE, UGBO, CWC, the primary reason for the dismal performance of the State is lack of coordination between WRD and CADA departments of Government of UP. Secondly, the CADA, the implementing agency to carry out CADWM works is grossly understaffed and are not in a position to take up this large scale project with present staff strength. Additional Secretary (DoWR) enquired about the reasons for no progress and parking of large sum of Central assistance of the projects. Sh. Hari Pratap Sahi, Administrator (CADA), Govt of UP informed that work plan has been firmed up and approved for Saryu Nahar Pariyojna for 2020-21, 2021-22 and 2022-23. It has been decided to construct RCC drains through a reliable and reputed firm instead of past practice of getting it done departmentally. For this tenders have been planned district-wise and tendering has been done for 8 districts falling under Command of Saryu Nahar Pariyojana and tenders have been received for Bahariach district for a work amounting to Rs. 50.00 crore and technical evaluation is under process. After completion of technical evaluation, financial bid will be opened and by all likelihood work will be started in March 2021 itself. For remaining 7 packages for 7 districts retendering has been done and tender will be opened on 8th March and once the firms will be finalized the work too will start simultaneously in these districts. On the issue of shortage of staffs at

the CADA department, Administrator (CADA) informed that recently Govt. of UP has transferred adequate no. of Superintending Engineers, Executive Engineers and Assistant Engineers from Irrigation Department to the CADA and about 30% of them have joined the Department.

CE ,UGBO, CWC further informed that CADWM progress at the Arjun Sahayak pariyojna is not encouraging at all, despite being the fact that more than 75% of AIBP works have been completed and water has started flowing in the canal network.

Additional Secretary (DoWR,RD&GR) expressed grave concern over the CADWM implementation in the State of UP and requested State representative to complete tendering of all the remaining works by the March 2021. She also desired for a field visit to the Saryu Nahar Project and a consultation meeting with the State officials in April 2021.

(Action: Govt. of UP; CWC Lucknow)

- (xv) **Telangana:** The status of CADWM projects of Telangana was presented by Sh. M. K. Srinivas, Chief Engineer, Krishna Godavari Basin Organization, CWC, Hyderabad. Presenting the Physical & Financial progress of the 11 projects of Telangana, it was informed that due to delay in Govt./Administrative approvals, there has been considerable delay in progress of the project. Also, there are hydraulic connectivity issues. However, there is some progress in respect of J. Chokha Rao project.

Chief Engineer, Krishna Godavari Basin Organization, CWC further informed that a major administrative reform has been taken in the irrigation department of the State and now CADWM works have been entrusted to Water and Land Management Training and Research Institute (WALANTARI) for the overall co-ordination and development of CAD works.

Commissioner (CAD) informed that already a CA of Rs. 36.35 crore has been released to the State and no progress is seen in any project except J. Chokha Rao project. The state representative informed that once the administrative approval is received the projects will be taken up. He further expressed that there is absolute lack of ownership for the CADWM projects in the State and requested the WALANTARI to address the issue, and expedite the progress on the ground.

(Action: Govt. of Telangna/CWC Hyderabad)

- (xvi) **Andhra Pradesh:** The status of CADWM projects of Andhra Pradesh was presented by Sh. M. K. Srinivas, Chief Engineer, Krishna Godavari Basin Organization, CWC, Hyderabad. It was briefed by him that out of 7 included projects administrative approval has been given for 6 projects except that of Tarka

Thirtha Sagaram Reservoir, where land acquisition issue are there. Briefing about the progress of the 7 included projects, he intimated that:

- Tenders have been invited for CADWM works in respect of Gundalkamma and Musurumilli project.
- Survey, planning works have been completed for Pushkara, Tadipudi, Thotapalli and Yerraclava projects and tenders are likely to be floated shortly.
- For Taraka Thirtha Sagaram project, works will be taken up after completion of Distributary System.

Commissioner (CAD), DoWR, RD & GR enquired about the tendering works of Gundalkamma and Musurumilli project on which it was clarified by Special Commissioner, CADA of Andhra Pradesh that tenders have been invited for total CCA of these 2 projects divided into 47 small works and stated that state has planned to cover around 37,228 hectare during 2021-22 and expressed his confidence of achieving it. On this Commissioner (CAD) expressed his desire to visit the projects as and when the works starts in any of these 2 projects.

Commissioner (CAD), DoWR, RD & GR expressed his concern over the very slow progress of projects and asked the project authorities to expedite the project progress with hope that things may improve in the FY 2021-22.

(Action: Govt. of Andhra Pradesh, CWC, Hyderabad)

(xvii) Punjab: The status of CADWM projects of Punjab was presented by Sh. Shiv Nandan, Chief Engineer, Indus Basin Organization, CWC, Chandigarh. It was informed that the Kotla Branch part II project was included under CADWM program on 25th September, 2019. CA of Rs 18.08 crore released to the state government in February 2020, but it was transferred to the implementing agency very late. No physical progress has been achieved during 2019-20 and in 2020-21 till December 2020. Rs. 1.55 crore financial progress has been achieved till January 2021. CE, IBO, CWC informed that 895 number of WUAs are actually functioning as on today against the targeted 967 nos of WUAs. Only CCA of 0.906 Th. Ha progress has been achieved against the targeted CCA of 142.65 Th. Ha. The officials of Punjab could not response on the progress due to connectivity issues. Commissioner (CAD) requested the State to expedite the progress of CADWM works, for which Rs. 18.00 Crore has been parked with State Govt. for more than a year.

(Action: Govt. of Punjab; CWC Chandigarh)

(xviii) (a) Jammu & Kashmir UT: The status of CADWM projects of J&K Union Territory was presented by Sh. Shiv Nandan, Chief Engineer, Indus Basin Organization, CWC, Chandigarh. It was informed that there are 2 projects of J&K UT namely Rajpora LIS and Tral LIS included under PMKSY. Rajpora project is

almost complete while some works of Tral project is pending due to delay in AIBP works of the project. Only 1 WUA has been formed against the target of 5 of these projects. It was further informed that the project authorities will submit the CA release proposal this year in respect of both these projects.

Commissioner (CAD) requested the State to submit completion certificate for Rajpora project at the earliest, and the same was agreed by State representative.

(b) Ladakh UT: The status of CADWM projects of Ladakh Union Territory was presented by Sh. Shiv Nandan, Chief Engineer, Indus Basin Organization, CWC, Chandigarh. It was informed that there is only 1 CADWM project namely Prakachik Khawas Project included under the ongoing CADWM program. The project is located in Kargil. The project was included for a CCA of 462 ha at an estimated cost of Rs. 186.55 lakh. However, only 231 ha of CCA could be covered. The project is getting delayed due to delay in construction of tunnel. The work could not start due to present Covid scenario.

(Action: Govt. of UT of Jammu & Kashmir , Ladakh/ CWC Chandigarh)

Before concluding the discussion, Commissioner CAD briefed about the latest developments in the MIS portal. A separate section has been created on “Participation Irrigation Management” for direct use by the WUA officials and farmers through individual login accounts. For the purpose of registration, nodal of the WUA needs to be identified and his account created by the state nodal. The nodal of WUA would be able to allow other users / farmers to register and retrieve the information from the PIM portal. The PIM section of the portal will carry customized information gathered from multiple sources/ websites leveraging the mapping of data under LG Directory. Information on soil card has already been made available, while work is in progress regarding other information such as ground water status, rainfall etc.

Commissioner CAD once again requested all the State implementing agencies to speed up the progress of CADWM implementation and regularly update the key physical and financial progress indicators on the CADWM-IS portal along with geo-tagging of all outlets. He also requested CWC regional offices to increase the frequency of filed inspections and record their actionable points on the CADWM-IS portal.

Meeting ended with vote of thanks to chair.

LIST OF PARTICIPANTS IN 8TH PROJECT IMPLEMENTATION AND REVIEW
COMMITTEE (PIRC) MEETING HELD IN DELHI ON 4/3/2021

SL. NO.	NAME / DESIGNATION
Department of Water Resources, RD&GR, Govt. of India	
1.	Ms. Debashree Mukherjee, Additional Secretary
2.	Dr. B.R.K.Pillai, Commissioner, CAD
3.	Shri Puneet Kumar Mittal, Senior Joint Commissioner, CADWM
4.	Shri Manoj Kumar, Director, CADWM
5.	Shri Saurabh Kumar, Deputy Secretary, CADWM
6.	Shri P.K.Rawat, Deputy Director, CADWM
7.	Shri Mohit Kumar, Deputy Director, CADWM
Central Water Commissioner (CWC)	
8.	Shri P.M.Scott, Chief Engineer, Barak & Other Basin
9.	Shri N.M.Krishanunni, Chief Engineer, Cauvery & SRO
10.	Shri Shiv Nandan Kumar, Chief Engineer, Indus Basin
11.	Shri M.K.Srinivas, Chief Engineer, Krishna Godavari Basin
12.	Shri Ambrish Nayak, Chief Engineer, Lower Ganga Basin
13.	Shri Atul Kumar Nayak, Chief Engineer, Mahanadi & ER
14.	Shri M.P.Singh, Chief Engineer, Mahi & Tapi Basin
15.	Shri Sushil Kumar, Chief Engineer, Monitoring (S)
16.	Shri Aditya Sharma, Chief Engineer, Narmada Basin
17.	Shri A.K.Kharya, Chief Engineer, National Water Academy
18.	Shri Anupam Prasad, Chief Engineer, Upper Ganga Basin
19.	Shri G.K.Agarwal, Chief Engineer, Yamuna Basin
20.	Shri B.K.Karjee, Chief Engineer, Brahmaputra Basin
21.	Shri M.W.Paunikar, Director (M&A), Bhopal & Raipur
22.	Shri D.S.Chaskar, Director (Monitoring), Pune
23.	Shri Faiz, SE (Coord.), Shillong
24.	Shri Ravi Ranjan, Director (Monitoring & Appraisal), Jammu
25.	Shri M.Ramesh Kumar, Director (Monitoring & Appraisal) (TS), Hyderabad
26.	Shri P.Devender Rao, Director (M&A) (AP), Hyderabad
27.	Shri S.K.Sharma, Director (M&A), Chandigarh
28.	Shri Sanjeev Kumar Suman, Director (M&A), Patna
29.	Shri S.S.Bonal, Director (Monitoring), Nagpur
30.	Shri O.R.K.Reddy, Director (Appraisal), Bengaluru
31.	Shri Yoki Vijay, SE (C), Gandhi Nagar
32.	Shri Sudhir Kumar, Director (M&A), Guwahati
33.	Shri B.C.Vishwakarma, Director (M&A), Lucknow
34.	Shri Shiv Dutt Sharma, Director (M&A) Jaipur
35.	Shri N.V.Satish Seemakurti, Director (Beach Erosion) Cochin
36.	Shri A Kumar Jha, Director (Monitoring & Appraisal), Ranchi
37.	Shri S.K.Samal, Director (Monitoring), Bhubaneswar
38.	Shri Neeraj Kumar Sharma, Dy. Director (Monitoring & Appraisal), Bhopal

39.	Shri Neelam Narolia, Dy. Director (M&A), Bhopal
40.	Shri R K Gupta, Dy. Director, M&A Dte, Jammu
41.	Shri Ankit Dudeja, Dy. Director, M&A Dte, Guwahati
42.	Shri D.S.Goyal, Dy. Director (Monitoring & Appraisal), Raipur
REPRESENTATIVE FROM STATE GOVERNMENTS	
KARNATAKA	
43.	Shri Rakesh Singh, Additional Chief Secretary, WRD, Bengaluru
44.	Shri Gurupadswamy, Director, CADA, Bengaluru
ODISHA	
45.	Shri Dhiren Kumar Samal, Engineer-in-Chief, P&D
46.	Shri Subrat Das, Chief Engineer, M&E
47.	Shri Rajendra Besra, Chief Engineer, CAD, DoWR
48.	Shri Sunil Kumar Nayak, Chief Engineer & BM, UMB
49.	Shri Pravat Ranjan Rout, Chief Engineer & BM, S&B, Laxmiposi
50.	Shri Rohit Kumar Sethi, CCE, Kanupur Irrigation Project
51.	Shri Bibhuti Bhusan Dash, CCE, Lower Indra Irrigation Project
52.	Shri Bibhuti Bhusan Dash, CCE, Ret Irrigation Project
53.	Shri Aswani Kumar Mohanty, CCE Upper Kolab Irrigation Project
54.	Shri Padmanav Panda, CCE, UIIP
55.	Shri Prasan Kumar Pani, CCE, Kanupur irrigation Project
KERALA	
56.	Smt. Sreekala, Superintending Engineer, MVIP
GUJARAT	
57.	Shri V.P.Kapadia, Director, Civil, SSNNL
58.	Shri K.N.Keswani, Chief Engineer, CAD, SSNNL
MAHARASHTRA	
59.	Shri Ghanekar, Secretary, CADA, Govt. of Maharashtra
60.	Shri P.R.More, SE, Tapi Irrigation Development Corporation, Maharashtra
61.	Shri S.S.Khandekar, SE, Tapi Irrigation Development Corporation, Maharashtra
62.	Shri P.K.Pawar, Chief Engineer, Gosikhurd Project, Nagpur, Maharashtra
63.	Shri R.D.Mhohite, ED, Vidarbha Irrigation Development Corporation (VIDC), Maharashtra
64.	Shri D.D.Tawar, Chief Engineer & Chief Administrator, CADA, WRD, Aurangabad, Maharashtra
65.	Shri A.P.Awhad, Chief Engineer, WRD, Aurangabad, Maharashtra
66.	Shri T.N.Munde, Executive Director, Maharashtra Krishna Valley Development Corporation, Pune, Maharashtra
67.	Shri H.V.Ganale, Chief Engineer, WRD, Pune, Maharashtra
68.	Shri Santosh Tirmanwar, Chief Engineer, WRD, Konkan Region, Mumbai
69.	Shri S.K.Ghanekar, Secretary, CADWM Wing, Govt. of Maharashtra
70.	Smt. Poornima Desai, Superintending Engineer & Deputy Secretary, CAD, Govt. of Maharashtra
RAJASTHAN	
71.	Shri Sandeep Mathur, Chief Engineer, (West), CAD, Bikaner
72.	Shri Assume Markandey, Chief Engineer, CAD, Jaipur

MANIPUR	
73.	Shri Suresh Singh Ningombam, Additional Chief Engineer, CAD, Manipur
74.	Shri N. Munindro Singh, Executive Engineer, CAD, Manipur
75.	Shri O.Tikendra Singhy, Executive Engineer, CAD, Manipur
76.	Shri N. L.Lokendro Singh, Executive Engineer, CAD, Manipur
77.	Shri Ch. Priyokumar Singh, Assistant Engineer, CAD, Manipur
ASSAM	
78.	Shri Brajen Malakar, Chief Engineer, Irrigation
79.	Shri Nur Rehman, Consultant representing BTC Area
MADHYA PRADESH	
80.	Shri R.M.Sharma, Chief Engineer, BDP, NVDA, Jabalpur
81.	Shri M.S.Ajnare, Chief Engineer, ISP, NVDA, Sanawad
82.	Shri C.L.Arakh, Director-cum-Advisor, CADA, NVDA, Bhopal
83.	H.R.Chouhan, Nodal Officer, CADWM, SE, NVDA, Badwani
84.	T.R.Rachore, Executive Engineer, OSP, NVDA, Mandleshwar
85.	Shri C.B.Tatawal, Executive Engineer, ISP, NVDA, Sanawad
86.	Shri Y.R.Patil, Superintending Engineer, WRD, Govt. of Madhya Pradesh
87.	Shri P.K.Verma, Superintending Engineer, WRD, Govt. of Madhya Pradesh
88.	Shri N.K.Takam, Executive Engineer (CAD Cell), WRD, Govt. of Madhya Pradesh
CHHATTISGARH	
89.	Shri K.S.Guruvar, Chief Engineer, Monitoring Cell, WRD, Raipur (C.G.)
90.	Shri Ajay Somawar, Chief Engineer, HB (Maniyari & Kharung), Bilaspur
91.	Shri Kuldeep Tirkee, SE, WRD, Bilaspur
92.	Shri R.S.Chandra, Executive Engineer, Kelo Project, WRD, Govt. of Chhattisgarh
JAMMU & KASHMIR	
93.	Shri Tasaduq Hussain Mir Kas, Director, CAD, Kashmir
94.	Shri Mohd Iqbal Khan, ASCO, CAD, Pulwama
LADAKH	
95.	Shri K M A Khan, Dy. Director, CAD, Kargil
PUNJAB	
96.	Shri Jagdish Kumar Arya, Superintending Engineer
BIHAR	
97.	Shri Ashok Kumar Chaudhary, Engineer-in-Chief, WRD
98.	Shri Rakesh Kumar, Superintending Engineer
UTTAR PRADESH	
99.	Shri Hari Pratap Sahi, Administrator, CADA
GOA	
100.	Shri M K Prasad, Superintending Engineer, Tillari Project
Andhra Pradesh	
101.	Shri O Anand, Commissioner, CADA, WRD, Govt. of AP
TELANGANA	
102.	Smt. Pramila, Superintending Engineer, CADA

Summary of Key Decisions/ Clarification of the 8th PIRC meeting applicable for all States

1. CWC regional offices should ensure recording of actionable points as ascertained from the monitoring visits on the CADWM-IS portal for its compliance by the State.
2. Regarding shifting of micro-irrigation target (mandated 10% CCA of each project under MI) from one project to another project, it was clarified that such MI target cannot be passed on to another project that is not in the list of 99 prioritized AIBP projects. As far as 99 prioritized projects are concerned, this MI target can be increased even up to 100%.
3. For reimbursement of CA against excess expenditure incurred by State, project authorities should submit the audited statement of expenditure, duly signed and stamped by audit officer of State AG.
4. It has been observed that in some projects small patches of CCA are left incomplete for reasons that are difficult to overcome. States may decide to leave that area, and revise the CCA target to that extent after deducting such area for finalization the completion certificate.
5. Engagement of NGOs for each helping in the formation, registration and capacity building of the WUAs may be taken up by the State Government. For capacity building of the engaged NGOs on miscellaneous aspects of CADWM program, a training program may be arranged by the National Water Academy, Pune.
6. State Govts. should empower the WUAs by way of upfront release of functional & infrastructural grants to WUAs in line with the earlier decisions of the PIRC and remove unwarranted conditions in the way of release of grants.
7. State Govt. should also ensure the regular update of the physical and financial progress on the CADWM-IS portal. Mapping of completed outlets on MIS and its Geo-tagging should also be ensured by State implementing agencies. A mobile app has been launched for ease of Geo-tagging of the outlets, and it

can be downloaded from the CADWM MIS website. This app can be used in offline mode also.

Some of the Photographs taken during the 8th PIRC Meeting



