



**विषय / Sub: Minutes of the Meeting under the Chairmanship of Member (WP&P), CWC
 held on 22.02.2022 in respect of Polavaram Irrigation Project (PIP).**

I am directed to enclose herewith Minutes of the Meeting under the Chairmanship of Member (WP&P), CWC held on 22.02.2022 to discuss the progress in respect of assessment of benefits of PIP at +41.15 m through video conferencing for kind information and further necessary action, please.

संलग्नक / Encl: यथोपरि / As above

Signed by Sanjay Kumar

Date: 15-03-2022 14:05:14

Reason: Approved
 (संजय कुमार/ Sanjay Kumar)

निदेशक / Director

सेवा मे / To,

Govt. of Andhra Pradesh

Chief Engineer (PIP), Water Resource Department, Govt. of Andhra Pradesh.

Polavaram Project Authority (PPA)

Member Secretary, Polavaram Project Authority (PPA), K.G. Bhawan, Hyderabad.

Central Water Commission (CWC):

1. Chief Engineer, Design (NW&S), CWC, Sewa Bhawan, R.K. Puram, New Delhi.
2. Chief Engineer, IMO, CWC, Sewa Bhawan, R.K. Puram, New Delhi.
3. Chief Engineer, PAO, CWC, Sewa Bhawan, R.K. Puram, New Delhi.
4. Chief Engineer, HSO, CWC, Sewa Bhawan, R.K. Puram, New Delhi.
5. Director, BCD (NW&S), CWC, Sewa Bhawan, R.K. Puram, New Delhi.
6. Director, IP (S), CWC, Sewa Bhawan, R.K. Puram, New Delhi.
7. Director, Hydrology (S), CWC, Sewa Bhawan, R.K. Puram, New Delhi.
8. Director, PA (S), CWC, Sewa Bhawan, R.K. Puram, New Delhi.
9. Director, Cost Appraisal (Irrigation-2), CWC, Sewa Bhawan, R.K. Puram, New Delhi.

प्रतिलिपि / Copy to :

1. Spl. Chief Secretary to Govt, Water Resource Department, Government of Andhra Pradesh.
2. CEO, Polavaram Project Authority (PPA), K.G. Bhawan, Hyderabad.
3. Commissioner (SPR), DoWR, RD & GR, Shram Shakti Bhawan, New Delhi.

Copy for kind information:

1. Sr. PPS to Secretary, DoWR, RD & GR, Shram Shakti Bhawan, New Delhi.
2. Sr. PPS to Chairman, CWC, Sewa Bhawan, R.K. Puram, New Delhi.
3. Sr. PPS to Additional Secretary, DoWR, RD & GR, Shram Shakti Bhawan, New Delhi.
4. Sr. PPS to Member, WP&P, CWC, Sewa Bhawan, R.K. Puram, New Delhi.

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**MINUTES OF THE MEETING TO DISCUSS THE PROGRESS OF MATTER FOR
ASSESSMENT OF BENEFITS & BALANCE COST OF POLAVARAM IRRIGATION
PROJECT (PIP) AT +41.15 M HELD UNDER THE CHAIRMANSHIP OF MEMBER
(WP&P), CWC ON 22.02.2022**

A meeting under the Chairmanship of Shri Kushvinder Vohra, Member (Water Planning and Projects), Central Water Commission on 22.02.2022 was held through video conferencing to discuss the progress in respect of benefits and balance cost of PIP at +41.15 m in the reservoir. The list of participants present during the meeting is attached as **Annexure**.

1. At the outset, the Member (WP&P), CWC welcomed the participants. He briefly informed that the meeting is being held to examine the details submitted by Govt of Andhra Pradesh (GoAP) in pursuance of the direction of MoF and DoWR, RD & GR for inclusion of Water-Component of PIP for funding. GoAP has submitted the details of benefits and the balanced cost of the project by keeping water level at +41.15 m and below.
2. Member (WP&P), CWC further informed that, in view of above, certain observations / clarifications were sought from PPA & GoAP by CWC and compliance to the same has been received from PPA / GoAP. However, for firming up the balance cost and benefits, following additional information is required to understand the extent of supply of water in command areas:
 - i. Whether in the Kharif Season, level of +41.15 m can be maintained? And inflows will be sufficient to meet all the demand for Kharif season.
 - ii. During monsoon season, whether the demands of drinking and industrial is fulfilled.
 - iii. During non-monsoon period, after fulfilling the demands of drinking and industrial, how much water is left for Rabi requirements for existing downstream barrages.
3. For assessing water availability for the benefits as projected by GoAP, Member (WP&P), CWC directed Govt of AP to submit the **Working Tables** (Month-Wise) assuming the FRL at 41.15 m and below duly considering the needs of water to downstream delta portion along with losses at the earliest. Further, Member (WP&P), CWC directed CE (IMO), CWC to perform preliminary assessment within one week after the submission of desired Working Table by GoAP.

Action:Engineer-in-Chief (EnC), PIP, GoAP & CE (IMO), CWC

4. Member Secretary, PPA raised the issues regarding supply of water through LMC upto Vishakhapatnam under gravity with the reduced head & completion of hydraulic connectivity in LMC to harness the projected benefits, when reservoir will be operational at level +41.15 m.
5. EnC (PIP), GoAP responded that present assessment is only for irrigation benefit at +41.15 m and the requirement for drinking water to reach Vishakhapatnam is presently not included in the benefits. The supply of drinking water to Vishakhapatnam is being served at present from Yeleru Reservoir Project (Y.R.P.).
6. Director, BCD (NW&S), CWC informed that preliminary examination of the discharge data at head of canals submitted by GoAP seems to be in order. As such, Project Authority may only verify the facts that how much water will move upto what distances of canals with withdrawals at various outlets. Regarding balanced cost, Director, Cost Appraisal (Irrigation-2), CWC requested GoAP to depute an official for further clarification for examination of the projected balance cost especially regarding detailed calculations as only quantities has been provided by GoAP. GoAP assured to

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depute the official for the same along with sharing of detailed calculation of balance cost. In this regard, Member (WP&P), CWC directed Director, Cost Appraisal (Irrigation-2), CWC to examine the balance cost for +41.15 m level within one week after necessary compliance by GoAP.

Action: EnC (PIP), GoAP & Director [CA (Irrigation-II)], CWC

7. Director, PPA / M&A (Hyderabad), CWC enquired about the completion timeline of connectivity between Tadipudi and RMC and whether the cost of same has been included in the projected balanced cost by GoAP. Further, he stated whether the cost of distribution system beyond Tadipudi & Pushkara has been included in the projected balanced Cost and if the same is included, it may be excluded as these were not part of command in approved DPR. In this regard, Member (WP&P), CWC directed to ascertain the cost of the balance work only upto the point where projected benefits are to be realised (i.e. upto Tadipudi and Pushkar). Member (WP&P), CWC directed GoAP to deduct /revise the cost estimate if it is included in cost of distribution system or canal system beyond Tadipudi and Pushkar.

Action: EnC, PIP, GoAP

8. In his closing remarks, Member (WP&P), CWC underscored the need for resolving all the issues related to assessment of benefits and balance cost of PIP at level +41.15 m expeditiously.

9. The meeting ended with a vote of thanks to the Chair.

List of Participants in the meeting under the Chairmanship of Member (WP&P) CWC and Ex-Officio Additional secretary to Govt of India, was held on 22nd February 2022 through video conferencing to discuss the progress in respect of Polavaram Irrigation Project.

S. No.	Name	Designation
Central Water Commission (CWC), New Delhi		
1.	Sh. Kushvinder Vohra	Member (WP&P) CWC and Ex-officio Additional Secretary to Govt of India
2.	Sh R K Pachauri	Chief Engineer, PPO, CWC, New Delhi
3.	Sh. Munni Lal	Chief Engineer, Design (NW&S), CWC, New Delhi
4.	Sh. Yogesh Paithankar	Chief Engineer, PAO, CWC, New Delhi
5.	Sh. Chhotey Lal	Chief Engineer, HSO, CWC, New Delhi
6.	Sh N M Krishna Unni	Chief Engineer, IMO, CWC, New Delhi
7.	Sh. Vineet Gupta	Director, IP (South), CWC , New Delhi
8.	Sh. N N Rai	Director, Hydrology (S), CWC, New Delhi
9.	Sh Samir Kumar Shukla	Director, BCD (NW&S), CWC, New Delhi
10.	Sh. Narendra Singh Shekhawat	Director, HCD (N&W), CWC, New Delhi
11.	Sh. A.S. Banode	Director, CA (Irrigation-II), CWC, New Delhi
12.	Sh Sanjay Kumar	Director, NP, CWC, New Delhi
13.	Sh. Siddhant Azad	Assistant Director, NP, CWC, New Delhi
Polavaram Project Authority		
1.	Sh. M.K. Srinivas	Member Secretary, PPA, Hyderabad
2.	Sh. Devender Rao	Director, PPA, Hyderabad
Govt of Andhra Pradesh		
2	Sh. Narayan Reddy	EnC, PIP, WRD, GoAP
3	Sh. B. Sudhakara Babu	Chief Engineer, PIP, WRD, GoAP