

Status of AIBP Projects:

- A total of 298 major & medium Irrigation (MMI) Projects have been taken up under AIBP since its inception in 1996-97.
- Out of these, 143 Projects have been declared completed upto 2013-14.
- 149 projects are ongoing under AIBP.
- Total central assistance to the states of Rs. 53120.47 crore has been released to MMI projects and cumulative expenditure of Rs.1,14,094.58 crore has been reportedly incurred up to March 2015 with an irrigation potential creation of 8077.23 th. ha., up to March. 2014.
- A recent survey was conducted in respect of 42 Projects from 8 States, out of the completed 143 Projects as regard to the status of their Potential Utilisation vis-a vis the created potential.
- The Projects were selected mainly from the States which in general have a shortage of water.
- It was found that the gap between the Potential Creation & Utilisation ranges upto 40% with an average being 29%.
- However, one of the most important challenges faced by the sector is the growing gap between irrigation potential created (IPC) and irrigation potential utilized (IPU). The gap which was around ten percent till the end of eighth plan has widened to 25-30%. As per the latest estimate potential created from all sources in the country stands at around 113.5 Mha whereas, the potential utilization stands at 87.9 Mha. Examining the incremental IPC-IPU gap suggests that during recent plans, the capital investment required to add a hectare under MMI is twice the level assumed at the time of planning. This widening gap between the Irrigation Potential Created (IPC) and Irrigation Potential Utilized (IPU) has been a cause of concern for the Water Resources Sector, rendering large investments in the sector lying unutilized. Ministry of Water Resources, RD & GR has been laying great stress on reducing this gap and to have a realistic assessment of this Gap, 42 Projects completed under AIBP have been identified for first leg of comprehensive assessment. Recently in a video conference taken by the Secretary, MoWR, RD & GR with the States, it was emphasized that the MoWR, RD & GR wishes to extend full support to the State Govts. in its endeavour to bridge the Gap between IPC and IPU through its programme. A joint visit was also done with the officers of NITI Aayog to the project sites and it was suggested to shift to some other methods of irrigation like pressure pipe irrigation, micro-irrigation, etc.
- The government of India has recently launched the Pradhan Mantri Krishi Sinchai Yojana (PMKSY) with the objective of "Har Khet Ko Pani" and "More Crop Per Drop". Under this programme District Irrigation Plan would be prepared. A step has been taken to complete 23 prioritized projects ongoing under AIBP by 2017. This will help to supply more water to the fields during rainy and lean season by impounding the same at the dam/barrage.

Brief Note on National Projects

Government of India approved a scheme of National Projects for implementation during XI Plan with a view to expedite completion of identified National projects for the benefit of the people. Such Projects are provided financial assistance of 90% of the cost of irrigation & drinking water component (as per original Guideline) of the project as central assistance by Government of India in the form of central grant for their completion in a time bound manner. The proposal for continuation of Scheme of National Project in XII Plan was approved by CCEA on 12.09.2013. As per the approval, central assistance was to be provided as 75% and 90% of the cost of balance works of Irrigation and Drinking Water Component for Projects of Non-Special Category States and Special Category States, respectively. However, in the recently launched PMKSY, to which AIBP including National Projects has also been made a component, the proportion of Central share has been reduced to 60% except in case of projects in eight North Eastern States and three Himalayan States which will continue to get 90 % of the cost as Central grant.

The criteria for selection of National Projects are as under:

- 1.** International projects where usage of water in India is required by a treaty or where planning and early completion of the project is necessary in the interest of the country.
- 2.** Inter-State projects which are dragging on due to non-resolution of Inter-State issues relating to sharing of costs, rehabilitation, aspects of power production etc., including river interlinking projects.
- 3.** Intra State projects with additional potential of more than 2, 00, 000 hectare (ha) and with no dispute regarding sharing of water and where hydrology is established.
- 4.** Extension, Renovation and Modernization (ERM) projects envisaging restoration of lost irrigation potential of 2, 00, 000 ha or more would be eligible for inclusion as a National Project subject to :
 - (i)** The command Area Development and Water Management (CAD&WM) works shall be ensured in the entire command area of the ERM project.
 - (ii)** The CAD&WM works shall be taken up simultaneously with the ERM works so as to facilitate achievement of the bench mark efficiency for water use.
 - (iii)** The management of command area system by Water User's Association (WUA's) after the ERM works will be necessary. The WUA's may be entrusted with the responsibility for the collection of irrigation service fees and for undertaking annual repairs by retaining a part of the fee collected.
 - (iv)** Independent evaluation of the project will be carried out after project implementation and the project should achieve the benchmark water use efficiency in practice as prescribed by Central Water Commission.

An ERM Project of a State Government may be included in the scheme of National Projects only on completion of one ERM Project already being funded in the State under the category of National Projects.

The 4th criteria for selection of National Projects was included vide MoWR, RD & GR letter dated 28.09.2012.

The Government of India initially declared 14 projects as National Projects in February 2008. Later, Cabinet Committee on Infrastructure approved inclusion of Saryu Nahar Pariyojna in the scheme of National Project on 3rd August, 2012. Polavaram Irrigation Project was included under the scheme of National Projects vide Gazette notification dated 01.03.2014.

Lakhwar Multipurpose Project (Uttarakhand) was accepted by Advisory Committee of MoWR, RD & GR in its 116th meeting held in December 2012. Despite persuasions, Investment clearance of the project could not be obtained from erstwhile Planning Commission. The project was considered by recently constituted Investment Clearance Committee (under the Chairmanship of Secretary, MoWR, RD & GR) in its meeting held on 24.02.2016.

Six projects, viz Renuka Dam Project (Himachal Pradesh), Kishau MPP (HP and UK), Ujh MPP (J & K), Ken Betwa link Ph-I (Madhya Pradesh), Noa-Dihing Dam Project (Arunachal Pradesh) and Kulsi Dam Project (Assam) are under appraisal in CWC/CEA.

Two projects, namely, Bursar Project (J & K) and Gyspa Project (Himachal Pradesh) are at DPR preparation stage. Remaining two projects, namely, 2nd Ravi Beas Link Project and Upper Siang Project are at conceptual stage.

Status of ongoing National Projects is attached in tabular form as given below:

Sl. No.	Name of the Project	State	Benefits envisaged 1) Irrigation (ha.) 2) Power (MW)	Estimated cost of entire project (Rs. Cr)	Central Assistance Released under NP (Rs Cr.)	Irrigation Potential Created (In Ha.)	Status
1	Gosikhurd Irrigation Project	Maharashtra	1) 2.50 lakh 2) 3 MW	7777.85 (PL 2007-08)	2008-09 = 450 2009-10 = 720 2010-11 =1412.94 2012-13 =405 Total = 2987.94.	53,275	Land acquisition, R&R issue, compliance reports on complaint regarding sub-standard quality of work are the reasons for delay in realizing the potential. Project was to be completed by March 2015. State Govt. needs to seek extension of completion time beyond March, 2015.
2	Shahpurkandi Dam Project	Punjab	1) 0.37 lakh 2) 168 MW	2285.81 (PL 2008)	2009-10 = 10.80 2010-11 =15.236 Total = 26.036	Nil	Govt. of J&K has declined to lease land to Govt. of Punjab required for the project. The issue is to be resolved between the States bilaterally. Project was to be completed by March 2015.
3	Teesta Barrage Project	West Bengal	1) 9.23 lakh (NP component :5.27) 2) 1000 MW (From entire project including component under NP)	2988.61 (PL 2008)	2010-11=81 2011-12= 97.20 Total = 178.20	1,97,020	Difficulty in land acquisition by Project Authority for minors and distributaries is the main reason in realising the potential. Project was to be completed by March 2015.
4.	Saryu Nahar Pariyojna	Uttar Pradesh	1) 14.04 (NP Component:4.73) 2) –	7270.32 (PL 2008-09)	2012-13=67.98 2013-14= 380.75 2014-15=210.85 Total = 659.58	63,070 (under NP component)	Project Authority is to complete the gaps in canal reaches funded under AIBP through State funds. Likely to be completed by March 2017.
5.	Indira Sagar Polavaram Project	Andhra Pradesh	1) 4.68Lakh 2) 960 MW 3) 23.44 TMC of water to Vizag city for drinking and industrial purpose and Diversion of 84.70 TMC to Krishna basin	16010.45 (PL 2010-11)	2015-16 = 350.00	Nil	After declaration of the project as National Project, it is to be executed by Central Govt. For execution of the project, Polavaram Project Authority (PPA) has been created by MoWR, RD & GD vide Gazette Notification dated 28 th May 2014. Likely to be completed by March 2018.