

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 3055
ANSWERED ON 16.12.2021
INTER-LINKING OF PENINSULAR RIVERS

3055. DR. DNV SENTHILKUMAR. S.

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the details of current status of peninsular component and its sub-components of inter-linking of rivers programme in peninsular areas and benefits foreseen from this project, State-wise;
- (b) whether there is any provision of hydro-power generation from this programme and if so, the details thereof and the amount of electricity generated therefrom;
- (c) whether the Government has conducted any meeting with the State Governments or requested to form a committee to monitor the project and if so, the details thereof; and
- (d) the measures taken by the Government to overcome environmental and economical challenges?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) The National Perspective Plan (NPP) was prepared by the then Ministry of Irrigation (now Ministry of Jal Shakti) in August 1980 for water resources development through inter basin transfer of water, for transferring water from water surplus basins to water-deficit basins. Under the NPP, the National Water Development Agency (NWDA) has identified 30 links (16 under Peninsular Component & 14 under Himalayan Component) for preparation of Feasibility Reports. The details of current status of link projects and benefits for the states, under Peninsular Component of National Perspective Plan (NPP) is furnished at **Annexure**.

(b) The implementation of all links under NPP is expected to result in production of 34 million Kilo Watt (KW) of power.

(c) A “Special Committee on Interlinking of Rivers” has been constituted in September, 2014 for the implementation of ILR programmes. Nineteen meetings of the Committee have been held so far. Further, a Task Force for Interlinking of Rivers has been constituted by MoWR, RD & GR (now Ministry of Jal Shakti) in April, 2015 and fifteen meetings of the Task Force have been held so far. Efforts have been made for building consensus among the concerned States and also setting out road maps for implementation of the projects.

(d) Adequate care is taken to address the economic and environmental aspects in the formulation of interlinking of rivers projects, apart from considering all relevant engineering parameters like hydrological, meteorological, hydraulic, geological, geo-technical etc. During the feasibility study stage, rapid Environment Impact Assessment (EIA) studies are carried out using one season data. While preparing the Detailed Project Report of any link project, Environment Impact Assessment (EIA) study covering the likely impact on river ecology, environmental flows, bio diversity, wildlife, socio-economic factors etc. and mitigation measures to be taken, are carried out as per terms of references approved by Expert Appraisal Committee (EAC) of MoEF & CC.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 3055 TO BE ANSWERED IN LOK SABHA ON 16.12.2021 REGARDING “INTER-LINKING OF PENINSULAR RIVERS”.

Details of current status of link projects and benefits for the states, under Peninsular Component of National Perspective Plan (NPP)-

Sl. No	Name	Status	States benefited	Annual Irrigation (Lakh ha)	Domestic & Industrial (MCM)	Hydropower (MW)
1	Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	FR completed *	AP & Odisha	4.43	700	450
2	Godavari (Polavaram) - Krishna (Vijayawada) link	FR completed	AP	5.82	162	--
3	a.)Godavari (Inchamapalli) - Krishna (Nagarjunasagar) link	FR completed	Telangana	2.87	237	975
	b.)Alternate Godavari (Inchamapalli) - Krishna (Nagarjunasagar) link	DPR completed #				
4	Godavari (Inchamapalli) - Krishna (Pulichintala) link	FR completed	Telangana & AP	6.13	413	--
5	a.)Krishna (Nagarjunasagar) -Pennar (Somasila) link	FR completed	AP	5.81	124	90
	b.)Alternate Krishna (Nagarjunasagar) – Pennar (Somasila) link	DPR completed				
6	Krishna (Srisailem)– Pennar link	FR completed	--	--	--	17
7	Krishna (Almatti) – Pennar link	FR completed	AP & Karnataka	2.58	56	13.5
8	a.)Pennar (Somasila) - Cauvery(Grand Anicut) link	FR completed	AP, Tamil Nadu & Puducherry	4.91	1105	--
	b.)Alternate Pennar (Somasila)- Cauvery (Grand Anicut) link	DPR completed #				
9	Cauvery (Kattalai) - Vaigai -Gundar link	DPR completed	Tamil Nadu	4.48	218	--
10	Parbati–Kalisindh-Chambal link	FR completed	MP & Rajasthan	**Alt.I = 2.20 Alt.II= 2.30	- 13.2	--
11	Damanganga - Pinjal link (As per DPR)	DPR completed	Maharashtra (only water supply to Mumbai)	--	895	5

12	Par-Tapi-Narmada link (As per DPR)	DPR completed	Gujarat	2.32	76	21
13	Ken-Betwa link	DPR completed	Uttar Pradesh & Madhya Pradesh	10.62	194	103 (Hydro) & 27MW (Solar)
14	Pamba - Achankovil - Vaipparlink	FR completed	Tamil Nadu	0.91	--	508
15	Bedti - Varda link	Draft DPR completed	Karnataka	1.04	35	398.9
16	Netravati – Hemavati link	PFR completed	Karnataka	0.34	--	--
*FR of Alternate Mahanadi (Barmul) -Rushikulya – Godavari (Dowlaiswaram) link project completed.						
** Alt I- Linking with Gandhisagar Dam, Alt. II- Linking with Rana Pratapsagar Dam						

- **PFR- Pre Feasibility Report**
- **FR- Feasibility Report**
- **DPR- Detailed Project Report**
- **MW- Mega Watt**
- **MCM- Million Cubic Meter**
