

No. 15/3/2018-Trans-Pt(3)  
Government of India  
Ministry of Power  
Shram Shakti Bhawan, Rafi Marg, New Delhi – 110001

Dated, 11<sup>th</sup> September, 2019

**OFFICE MEMORANDUM**

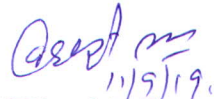
Subject: New Transmission schemes to be taken up under compressed time schedule through regulated tariff mechanism (RTM) route.

The undersigned is directed to inform that Hon'ble MoSP(IC) has approved the implementation of following transmission schemes by Power Grid Corporation of India Limited (POWERGRID), under regulated tariff mechanism (RTM), on the recommendation of the 4<sup>th</sup> meeting of the Empowered Committee on Transmission (ECT), held on 12.7.2019:

Sl. No.	<u>Name of the Scheme</u>
1	Transmission system for providing connectivity to RE projects at Bikaner(PG)
2	<b>Transmission system for providing connectivity to RE projects in Fatehgarh-II:</b> Creation of 220kV level at Fatehgarh -2 in Jaisalmer Distt (Fatehgarh-2) along with associated bays Provision of 4th 765/400kV transformer at Fatehgarh-II along with associated ICT bays
3	<b>Transmission system for providing connectivity to RE projects in Bhadla-II:</b> Creation of 220 kV level at Bhadla-II, provision of 3 <sup>rd</sup> 765/400 kV transformer at Bhadla-II
4	Evacuation of RE in Tirunelveli and Tuticorin Wind Energy Zone (Tamil Nadu) (500MW) Addition of 1x500 MVA, 400/230 kV ICT (4 <sup>th</sup> ) at Tuticorin-II GIS sub-station

Detailed scope of works for the above schemes, as considered by ECT in its 4th Meeting, is at **Annexure**.

2. It is requested that necessary action may be taken accordingly.
3. This issues with the approval of Competent Authority.

  
(Bihari Lal)  
Under Secretary (Trans)  
Telefax: 23325242  
Email: transdesk-mop@nic.in

To,  
Member (PS),  
Central Electricity Authority  
Sewa Bhawan, R.K. Puram  
New Delhi-110066

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Copy forwarded to CMD, PGCIL, Gurugram, for information and necessary action.

**1. Transmission system for providing connectivity to RE projects at Bikaner (PG)**

Sl. No.	Scope of the Transmission Scheme	Capacity /ckm	Estimated Cost (Rs. Cr)
1.	Creation of 220 kV level at Bikaner (PG) with transformation capacity of 2x500MVA, 400/220kV transformers 4 nos. of 220kV line bays	2x500 MVA, 400/220kV 400 kV ICT bay-2 220 kV ICT bay-2 220kV line bays-4	93
Total			93

**2. Transmission system for providing connectivity to RE projects in Fatehgarh-II**

Sl. No.	Scope of the Transmission Scheme	Capacity /ckm	Estimated Cost (Rs. Cr)
1.	Additional (4th) 765/400kV transformer at Fatehgarh-II	1x1500MVA, 765/400kV 765 kV ICT bay-1 400 kV ICT bay-1	87
2.	Creation of 220kV level Fatehgarh -2 in Jaisalmer Distt (Fatehgarh-2) 9 nos. of 220 kV line bays	5x500 MVA, 400/220kV 400 kV ICT bay-5 220 kV ICT bay-5 220kV line bays- 9	211
Total			298

**3. Transmission system for providing connectivity to RE projects in Bhadla-II**

Sl. No.	Scope of the Transmission Scheme	Capacity/Ckm	Estimated Cost (Rs. Cr)
1.	Additional (3rd) 765/400kV transformer at Bhadla-II	1x1500MVA, 765/400kV 765 kV ICT bay-1 400 kV ICT bay-1	87
2.	Creation of 220kV level at Bhadla-II 9 nos. of 220 kV line bays	5x500 MVA, 400/220 kV 400 kV ICT bay-5 220 kV ICT bay-5 220kV line bays- 9	211
Total			298

**4. Evacuation of power from RE sources in Tirunelveli and Tuticorin Wind Energy Zone (Tamil Nadu) (500MW) - Addition of 1x500 MVA, 400/230kV ICT (4th) at Tuticorin-II GIS sub-station along with associated ICT bays**

Sl. No.	Scope of the Transmission Scheme	Capacity/Ckm	Estimated Cost (Rs. Cr)
1	Addition of 1x500 MVA, 400/230kV ICT (4th) at Tuticorin-II GIS sub-station.	1x500MVA, 400/230kV 400kV ICT bay-1 230kV ICT bay-1	37
Total			37