

Name of S/S where space for additional 33KV Bay is Available/not available. (TS)

Sl. No.	Name of S/S	Capacity at 132KV	Name of Division	Available	Not Available	Remark
<b>ETC Agra</b>						
1	220KV Shamshabad Road Agra	63+40MVA	ETD-I Agra		Not Available	Bay can be given from 132KV Shamshabad under construction.
2	220KV Firozabad	2x63+1x40MVA	ETD Firozabad		Not Available	Bay can be given from 220KV S/S Sirsaganj/132KV Tundla under construction
3	132KV Etmadpur , Agra	63+40MVA	ETD Firozabad		Not Available	By diverting load to other S/S
4	132KV Kirawali, Agra	2x40MVA	ETD Mathura			
5	132KV Foundry Nagar, Agra	63+40MVA	ETD-II Agra			
6	132KV Taj, Agra	63+40MVA	ETD-I Agra			
7	132KV Cantt Agra	63+40MVA	ETD-II Agra			
8	132KV Sasni, Hathras	2x40MVA	ETD Hathras			
<b>ETC Jhansi</b>						
1	220KV Dunara			01 Nos.		
2	132KV Hasari				Not Available	Thickly populated from all side no scope for extension. Construction of new S/S. Clearance from Avaiatin and defence.
3	132KV Lalitpur				Not Available	Construction of 132/33KV S/S at 220KV S/S Lalirput under construction.(18 months)
4	220KV Orai			02 Nos.		
5	132KV Orai				Not Available	Recently 132KV S/S Kalpi has energised.
6	132KV Jalaun			02 Nos.		
7	220KV Banda			02 Nos.		
8	132KV Banda				Not Available	Thickly populated from all side no scope for extension.
9	132KV Karvi			01 Nos.		
10	132KV Mahoba				Not Available	Space for 03 nos. 33KV bay can be created by dismanteling 66KV S/S of Distribution wing.(Concent from Distribution).
11	132KV Bharua sumerpur				Not Available	Construction of 132KV S/S is being started. (12 months.)

ETC Aligarh					
1	132KV Sarsol	2x40+63 MVA		04 Nos.	
2	132KV Boner	2x40+20 MVA		03 Nos.	
3	132KV Aligarh-V	2x40 MVA		05 Nos.	
4	220KV Mainpuri			04 Nos.	
5	132KV Kasganj			01 Nos.	
6	220KV Etah			04 Nos.	
ETC Kanpur					
1	220KV S/S RPH	2x60MVA, 220/33KV T/F+ 1x60MVA U/C(New)			Not Available Space constraint.
2	220KV S/S Bithoor	2x40MVA 132/33KV T/F		04 Nos.	
3	132KV S/S Azadnagar	(2x63+1x40)MVA 132/33Kv T/F			Not Available Space constraint.
4	132KV S/S Dadanagar	2x40MVA 132/33KV T/F		02 Nos.	
5	132KV S/S Jainpur	1x40+1x60MVA 132/33KV T/F			Not Available Space constraint.
6	220KV S/S Kanpur South	3x60MVA		03 Nos.	
7	220KV S/S Naubasta	2x40+1x63MVA			Not Available 3 nos. bays may be constructed after shifting of capacitor bank.
8	132KV S/S Meharban Singh Kapurva	2x40MVA		01 Nos.	
9	132KV S/S Krishna Nagar	3x40MVA			Not Available 4 nos. bays may be constructed after shifting of store shed in same campus.
10	220KV S/S Panki	3x160+1x60+3x40MVA			Not Available Space constraint.
11	132KV S/S Kunera	2x63MVA			Not Available Space constraint.
12	132KV S/S Diviyapur	2x40MVA			Not Available New bays possible on extension of Bus.
13	132KV S/S Kannauj	63+40MVA			Not Available Space constraint.
14	132KV S/S Fatehgarh	63+40MVA			Not Available New bays possible on extension of Bus.

(V.P.C.Saxena)  
Chief Engineer(TS)

**NAME OF S/S WHERE SPACE FOR ADDITIONAL 33 KV BAY IS NOT AVAILABLE**

ETC Agra

S.R. No.	Name of S/S	Capacity at 132 KV	Name of Division	Remark
1	220 KV Samsabad road Agra	63+40 MVA	ETD-I Agra	Bay can be given from 132 KV Samshabad-under construction. Bay can be given from 220 KV S/S Sirsaganj/132 KV S/S Tundla under construction
2	220 KV S/S Firozabad	2x63+1x40 MVA	ETD Firazabad	
3	132 KV S/S Etmadpur(Agra)	63+40 MVA	ETD Firazabad	
4	132 KV s/S Kirawali (Agra)	2x40 MVA	ETD Mathura	By diverting load to other S/S
5	132 KV S/S foundry Nagar Agra	63+40 MVA	ETD-II Agra	
6	132 KV S/S Taj Agra	63+40 MVA	ETD-I Agra	
7	132 KV Cantt Agra	63+40 MVA	ETD-II Agra	
8	132 KV S/S Sasni (Hathras)	2x40 MVA	ETD Hathras	

  
**(Ashok Saxena)**  
 SE ETC Agra

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No. - 23, 27 -ETD-I (A)/ 33 KV Bays

Date, 26-12-2014

**Subject:** Regarding space / scope for independent 33 KV Bays for new loads to be released in KAVAL Towns & District Headquarters.

Chief Engineer (TS)  
U.P. Power Transmission Corporation Ltd  
Near Amar Ujala Press, Kakretha Road  
Sikandra-Agra

In reference to message regarding space/ scope for the independent 33 KV Bays for new loads to be released in KAVAL Towns and also at district headquarters are as follows under Electricity Transmission Circle, Aligarh :-

**1. District Aligarh:-**

**(A) 132 KV S/S Sarsol :-** (Capacity 2x40+63 MVA) Space for 04 No. 33 KV Bays is available

In near future 132 KV S/S Gabhana/ Veerpura- Chandos is also approved, after which rural load from 132 KV S/S Sarsol will be shifted to the new substation. Increasing capacity of 132 KV S/S Sarsol from 2x40+63 MVA to 2x63+40 MVA is also proposed to meet out the load demand.

**(B) 132 KV S/S Boner :-** (Capacity 2x40+20 MVA) 03 No. 33 KV Bays available for release of load

Increasing capacity from 2x40+20 MVA to 3x40 MVA is already approved.

**(C) 132 KV S/S Aligarh-V :-** (Capacity 2x40 MVA) This Substation has taken on load on 25.07.2014. 04 No. 33 KV Bays are connected and space for 05 No. 33 KV Bays is available for release of load. Space for 3<sup>rd</sup> 40 MVA T/F is also available which will be released as per requirement of load.

It is also important to intimate that against contracted demand of Aligarh District is approximately 440 MVA out of which transformation capacity of 929 MVA is already available.

**2. District Mainpuri:**

**(A) 220 KV S/S Mainpuri:-** Space for 33 KV Bays may be explored by constructing auxillary bays and increasing capacity will be proposed accordingly. It is also important to note that 132 KV S/S Kusmara & Kiravali are proposed to be energized latest by June, 2015 after which load of 132 KV S/S Mainpuri will be shifted to new substations

**3. District Kasganj :-**

**(A) 132 KV S/S Kasganj :-** Space for 01 No. 33 KV Bay is available.

**4. District Etah:-**

**(A) 220 KV S/S Etah :-** Space available for 04 No. 33 KV Bays as per requirement of load demand.

(Shailendra Kumar)  
Superintending Engineer

No. - -ETD-I (AV)

Dated, 2014

Copy forwarded to the following for information and necessary action:-

1. Director (W&P) UPPTCL, UPPTCL, 7<sup>th</sup> Floor, Shakti Bhawan Extension 14-Ashok Marg, Lucknow.
2. Executive Engineer, Electricity Transmission Division-I, Aligarh.
3. Executive Engineer, Electricity Transmission Division, Mainpuri.

(Shailendra Kumar)  
Superintending Engineer



U.P. Power Transmission Corporation Ltd.  
(U.P. Govt. Undertaking)

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१३२के०वी० विद्युत उपकेन्द्र, हांसी, झांसी  
दुरभाष +९१-८८७४२०४४४८

Letter No. 14.7.S... ETC, Jhansi

Dated 26/12/14

Subject :- Space for 33KV Bays.

Chief Engineer  
(Transmission South),  
UPPTCL,  
Kakretha Road,  
Agra.

In reference to message regarding work plan for providing the 33KV Bays from 220.132KV Sub Stations of District Head Quarters, the District wise position are as following.

Sl. No.	District	Name of S/S at District HQ	Space Available for 33KV Bays	Work Plan	Estimated Time
1	Jhansi	220KV S/S Dunara	01 Nos.	--	--
2		132KV S/S Hasauli	No Space	Thickly Populated from all side no scope for extension. Construction of New S/S.	Clearance from Aviation and Defence.
3	Lalitpur	132KV S/S Lalitpur	No Space	Construction of 132/33KV S/S at 220KV S/S Lalitpur under Construction.	18 Months
4	Jalaun	220KV S/S Oran	02 Nos.	--	--
5		132KV S/S Oran	No Space	Recently 132KV S/S Kalpi Has Energise.	--
6		132KV S/S Jalaun	02 Nos.	--	--
7	Banda	220KV S/S Banda	02 Nos.	--	--
8		132KV S/S Banda	No Space	Thickly Populated from all side no scope for extension	--
9	Karwi	132KV S/S Karwi	01 Nos.	--	--
10	Mahoba	132KV S/S Mahoba	No Space	Space for 3 nos. 33KV Bay can be created by dismanteling 66KV S/S of Distribution wing	Concent from Distributon
11	Hamirpur	132KV Bharusumerpur	No Space	Construction of 132KV S/S is being started.	12 Months

(B.S. Tripathi)  
Superintending Engineer



**AVAILABILITY OF 33 KV BAYS AT 220 & 132 KV SUBSTATION IN DISTRICT HEAD QUARTER & METRO CITIES  
UNDER ELECTRICITY TRANSMISSION CIRCLE, PANKI, KANPUR**

S.No.	Name of substation 220/132 KV	Name of Distt. ILQ/City	Total capacity	Space available for independent 33 KV bays for new load	Remark
1	220 KV S/S RPH	Kanpur	2x60 MVA, 220/33 KV T/F 1x60 MVA U/C (New)	No	Space constraint
2	220 KV S/S Bithoor	Kanpur	2x40 MVA 132/33 KV T/F	04 nos. after expansion of 33 KV S/Y	02 Nos. load sanctioned & estimate submitted
3	132 KV S/S Azadnagar	Kanpur	(2x60+1x40) MVA 132/33 KV T/F	NIL	Space constraint
4	132 KV S/S Dadanagar	Kanpur	2x40 MVA 132/33 KV T/F	02 Nos	
5	132 KV S/S Jainpur	Matl. Kanpur Dehat	1x40, 1x60 MVA 132/33 KV T/F	No	Space constraint
6	220 KV S/S Kanpur South	Kanpur	1x60 MVA	3 No	
7	220 KV S/S Naubasta	Kanpur	2x40+1x60 MVA	NIL	3 nos. bays may be constructed after shifting of capacitor bank
8	132 KV S/S MSKP	Kanpur	2x40 MVA	1 No	
9	132 KV S/S Krishna Nagar	Kanpur	3x40 MVA	NIL	4 nos. bays may be constructed after shifting of surge surge arrester
10	220 KV S/S Panki	Kanpur	3x100+1x60 0x40 MVA	NIL	Space constraint
11	132 KV S/S Khinosa	Fatehgh	2x63 MVA	NIL	Space constraint
12	132 KV Dohiyapur	Aunaha	2x40 MVA	NIL	Space constraint
13	132 KV Kannauj	Kannauj	63+40 MVA	NIL	New bays possible on expansion of bus
14	132 KV Fatehgh	Fatehgh	63+40 MVA	NIL	Space constraint New bays possible on expansion of Bus

*(Signature)*