From :

SDO CONSTRUCTION
HVPNL, Narnaul

To :

Divisional forest office ,Mahendergarh

Subject : Diversion of 0.5352 Ha. forest land for construction of 132 KV S/C Transmission line from 220 KV D/C Sub Station Deroli Ahir to Seka Sub Station through various strip Forests under forest division and district Mahendergarh, Haryana. (Proposal No. FP/HR/TRANS/142899/2021)

Ref: Your office letter no. -736-37 dated 11.05.22

Ref. : Your Office letter no. 411 dated 17.06.2022

On the subject cited above, requisite information is as under :-

i) Information updated and uploaded on portal.(letter attached)
ii) Complete KML file of transmission line alignment uploaded.
iii) Related to DFO, Office.
iv) Related to DFO, Office.
v) Undertaking attached.
vi) Proposed transmission line constructed from 220 KV sub station Deroli Ahir to 132 KV Sub station Seka.(Approval copy attached sr no 12)
vii) Related to DFO, Office.
viii) Related to DFO, Office.

Encl. as above.

Ashwani
Signature of User Agency
SDO Construction
HVPNL, Narnaul
Office Seal

C/C- Executive Engineer, HVPNL, Rewari.

846
22/06/22

HVPN

HARYANA VIDYUT PRASARAN NIGAM LTD

(A GOVT. OF HARYANA UNDERTAKING)

O/o Executive Engineer, T.S. Division,
HVPNL Rewari
[illegible]

The District Forest Officer
Rewari.

Memo No. 241 Date 28.07.2021

Subject: Diversion of 3.871 ha. Of forest land in favour of Xen/TSHVPNL Rewari for Errection of 132KV/DC Transmission Line from 220KV S/Stn. HSIIDC Bawal to 132KV S/Stn. HSIIDC Bawal under Division and District Rewari.

Reference: Your office memo no. 232 Dated 02.06.2021 and 326 Dated 14.06.2021 addressed to this office

Vide referred letter your office asked for want of [illegible] various observations through many remainders regarding Intkal and Deposit the [illegible] as under :-

1. उपरोक्त विषय के सम्बन्द में आपको अवगत कराया जाना है की [illegible] की राशि तुरंत कैम्पा फंड जमा करवाने तथा उसकी [illegible] था :-

उत्तर:- इस कार्यालय दवारा उपरोक्त राशि 1,62,36,013 /- रुपेय दिनाक 16.03.2016 को बैंक [illegible] चालान दवारा जमा करा दी गयी थी जिसकी छाया प्रति इस पत्र के साथ संलगन है।

2. उपरोक्त विषय के सम्बन्द में आपको अवगत कराया जाता है की वन [illegible] प्राप्त सूचना अनुसार आप दावरा उपरोक्त विषय प्रस्तावित में [illegible] वनभूमि का इंतकाल वन विभाग के नाम करवाने हेतु चिन्हित की गयी थी [illegible] अभी तक इंतकाल वन विभाग के नाम नहीं किया है:-

उत्तर- Not Applicable (As per chapter-3 for compensatory Afforestation Rule no. 3.2 (vi) (c) of transmission line up to 220KV there is exception of rule no. 3.2(i) [illegible] may be raised over degrade forest land twice in extent of the forest [illegible] The amount for the same has already been deposited as mentioned above [illegible] 132KV D/C transmission line from 220Kv S/Stn. IMT Bawal to 132KV [illegible] Stn. HSIID depository work of HSIIDC, So, as per above rule no. 3.2(vi) we are exempted for Afforestation on non-forest land equivalent to the diverted land i.e., 3.7871 hector in the cited case and diversion of land is not required. So, it may be treated accordingly as [illegible] case of 220KV D/C line from sector-72, Gurugram to Rangala Rajpur line [illegible] (Copy enclosed). This is for your kind information and necessary [illegible]

DA : Enclosed as above

Xen. /TS Division
HVPN Rewari

HARYANA VIDYUT PRASARAN NIGAM LTD.

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HVPNL

To

The Chief Engineer (PD&C),
DHBVNL, Hisar.

Memo. No. R- 1487/Ch-110/408/k-117 Dated: 10.07.2017

Subject: Proposal for Creation of 220 kV AIS S/stn at Village Deroli Ahir in Mohindergarh District of Haryana.

Please refer to your office memo no. Ch-2/P&D-5016 dated 08.12.2016, XEN/TS, HVPNL, Rewari memo no. 1888 dated 03.02.2017, SE/TS, HVPNL Gurugram memo no. Ch-36/TSG-193 dated 12.05.2017 & Ch-42/TSG-193 dated 20.06.2017 and various correspondences regarding proposal for Creation of 220 kV AIS S/stn at Village Deroli Ahir in Mohindergarh District of Haryana.

The WTDs, HVPNL, has considered the proposal and approved as under:-

S.No	Description	Code
1.	Creation of 220 kV AIS Substation, Deroli Ahir with capacity 1x160MVA, 220/132kV + 1x100MVA, 220/33kV + 1x5 MVA 33/11 kV Transformers. Note: • 2nd Power Transformer of each rating i.e. 160 MVA 220/132 kV & 100 MVA 220/33 kV shall be placed in future as per requirement. • Space Provision for 2 no. 220 kV & 4 no. 132 kV line bays shall also be made for future.	2N3189*
2.	Creation of 220kV D/C line from 400/220kV Substation, Dhanonda to proposed 220kV Substation, Deroli Ahir with 0.5 sq inch (Moose) ACSR conductor (25 Km).	2L3190*
3.	Creation of 2 Nos 220kV AIS Bays at 400/220kV Substation, Dhanonda to accommodate 220kV D/C line from 400/220kV Substation, Dhanonda to proposed 220kV Substation, Deroli Ahir.	2B3191*
4.	Creation of 220kV D/C Deroli Ahir- Narnaul line with 0.5 sq" ACSR moose conductor. (14 Km) Note:The aforesaid line will also require use of ROW of existing 132 kV S/C Mohindergarh-Narnaul line with T-off at 132 kV S/stn Mundia Khera (Approx 10 km from Narnaul end). 132 kV S/C Narnaul-Mohindergarh line will be dismantled up to T-Off point from Narnaul end and this line will be utilized as 132 kV Mohindergarh-Mundia Khera S/C line.	2L3192*
5.	Creation of 3 No 220kV AIS Bays at 220kV Substation, Narnaul, 2 no. to accommodate new 220kV D/C line from 220kV Substation, Deroli Ahir and 1 no. for creation of controlling arrangement like CB & control panel for existing 220 kV S/C Mohindergarh-Narnaul line. Note: One bay is available after shifting the existing 220kV NNL-Mohindergarh line to the adjacent spare bay. For Narnaul – Deroli Ahir line CKT-II shifting of Bus coupler from bay no 1 to bay no 6 is required.	2B3193*
6.	Cancellation of additional 50 MVA 220/132 kV Power Transformer approved at 220kV Substation, Narnaul vide R.No.-1321/Ch-137/408/K-47 dated: 15.12.2014 (2A2719*)	2A2719A
7.	Creation of 132kV D/C Line from proposed 220kV Substation, Deroli Ahir to 132kV Substation, Ateli with 0.4 sq inch (Zebra) ACSR conductor with LILO of one circuit at 132 kV Substation Mundia Khera (Approx. 18 Km- 8Km LILO line). Note: The stringing of circuit between 132 kV S/stn Mundia Khera & Ateli shall be done in future as per requirement.	1L3194*
8.	Creation of 1 No 132kV AIS Line Bay at 132kV Substation, Ateli to accommodate one circuit of 132 kV D/C line from 220 kV Substation, Deroli Ahir to 132kV Substation, Ateli. Note: The space for adjacent 132 kV bay may be made available for future string of LILO circuit between 132 kV S/stn Mundia Khera & Ateli. The	1B3195*

	additional bay is possible after demolishing some obsolete residential quarters.	
9.	Creation of 132 kV Bus Coupler & double bus bar arrangement at 132kV S/Station, Ateli. **Note:** Modification in existing yard arrangement is required for IInd Bus Bar and 132kV Bus coupler bay.	1G3196*
10.	Creation of 1 No. 132kV AIS Line Bay at 132kV Substation, Mundia Khera to accommodate LILO of one circuit of 132kV D/C line from 220kV Substation, Deroli Ahir to 132kV Substation, Ateli. **Note:-** The space for adjacent 132 kV bay may be made available for future string of LILO circuit between 132 kV S/stn Mundia Khera & Ateli. Modification in substation road, dismantlement of obsolete/old 33kV control room is required.	1B3197*
11.	Creation of 132kV Bus Coupler & Double bus bar arrangement at 132kV S/Stn Mundia Khera. **Note:-** Modification in substation road, dismantlement of obsolete/old 33kV control room is required.	1G3198*
12.	Creation of LILO of one circuit of 132 kV Narnaul-Seka line with 0.4 sq" ACSR at 220 kV Deroli Ahir along with stringing & sagging of 2nd circuit. (10 + 5 Km Approx) **Note:** The stringing of LILO circuit between 220 kV S/Stn Narnaul & 220 kV S/Stn Deroli Ahir shall be done in future as per requirement.	1L3199*
13.	Creation of 1 No 132kV AIS bay at 132kV Substation, Seka to accommodate one circuit of LILO of 132 kV Narnaul-Seka line at 220 kV Deroli Ahir.	1B3200*
14.	Creation of 132 kV S/C line on D/C towers with 0.4 sq" ACSR from 132 kV S/stn Seka to 132 kV Nangal Chaudhary. (22 km)	1L3201*
15.	Creation of one No 132kV AIS Line Bay at 132kV Substation, Nangal Chaudhary to accommodate one circuit of 132kV D/C line from 132kV Substation Nangal Chaudhary to 132kV Substation, Seka. **Note:** • Space for 1 no. 132kV bay adjacent to this bay shall be made available for creation of 2nd circuit in future. • Feasibility is possible with the dismantlement of non- functional 11kV outdoor VCB.	1B3202*
16.	Creation of 1 No 132kV AIS bay at 132kV Substation, Seka to accommodate one circuit of 132kV D/C line from 132kV Substation Nangal Chaudhary to 132kV Substation, Seka. **Note:** Space for 1 no. 132kV bay adjacent to this bay shall be made available for creation of 2nd circuit in future.	1B3203*
17.	Creation of 132kV Bus Coupler & Double bus bar arrangement at 132 kV Substation, Nangal Chaudhary. **Note:-** 11kV Capacitor bank & modification in Jack bus are required to facilitate creation of 132kV Bus Coupler & double bus bar.	1G3204*
18.	Stringing of 2nd Circuit of 132kV S/C Dhanonda- Pali line on double circuit towers with 0.4 sq inch ACSR conductor (Approx 18 Km).	1L3205*
19.	Creation of 1 No 132kV AIS bay at 220kV Substation, Dhanonda to accommodate 2nd Circuit of 132kV S/C Dhanonda- Pali line on double circuit towers with 0.4 sq inch ACSR conductor.	1B3206*
20.	Creation of 1 No 132kV AIS bay at 132kV Substation, Pali to accommodate 2nd Circuit of 132kV S/C Dhanonda- Pali line on double circuit towers with 0.4 sq inch ACSR conductor.	1B3207*
21.	Cancellation of Augmentation of 220kV Substation, Dhanonda from 1x100MVA, 220/132kV +100MVA, 220/33kV Transformers to 2x100MVA, 220/132kV + 100MVA, 220/33kV Transformers approved vide R.No.-1023/Ch-47/407/K-222 dated: 08.01.2013 (2A2045*)	2A2045A
22.	Augmentation of 220kV Substation, Dhanonda from 1x100MVA, 220/132kV +100MVA, 220/33kV Transformers to (1x100+1x160) MVA, 220/132kV + 100MVA, 220/33kV Transformers.	2A3208*
23.	Creation of 132 kV line on D/C towers from 400 kV S/stn Dhanonda to 132 kV Kanina (12 Km approx.) with following arrangement: (i) 132 kV Dhanonda- Kanina S/C line with 0.4 sq" conductor. Due to ROW constraints near Kanina, this line will be constructed in the existing ROW of T-off arrangement of Mohindergarh-Dahina line at Kanina. In the existing T-off portion 0.2 sq" conductor will be strung on other side of 132 kV D/C tower of Dhanonda-Kanina line up to Kanina (approx. 1 Km) for matching the 132 kV Mohindergarh-Kanina S/C line. Note: Due to space constraints D/C Monopoles might be used nearby 132	1L3209*

	(ii) The second circuit of the said line shall be Dhanonda-Dahina line with stringing of 0.4 sq" ACSR (approx. 11 km) up to existing 132 kV Mohindergarh-Dahina with 0.2 sq" conductor. Note: The final electrical connectivity shall be as under: (i) 132 kV Dhanoda-Kanina S/C line with 0.4 sq". (ii) 132 kV Mohindergarh-Kanina S/C line with 0.2 sq". (iii) 132 kV Dhanoda-Dahina S/C line with 0.4/0.2 sq".		
24.	Creation of 2 Nos 132kV AIS bays at 220kV Substation, Dhanonda to accommodate 132 kV D/C line Kanina & Dahina.	1B3210*	
25.	Creation of 2 No 132kV AIS Bays at 132kV Substation, Kanina to accommodate 132 kV Dhanonda- Kanina & Mohindergarh-Kanina line. Note: Dismantlement of obsolete residential quarters is required to make space for 132kV bay.	1B3211*	
26.	Creation of 132kV Bus Coupler & Double bus bar arrangement at 132 kV S/Stn Kanina. Note: Dismantlement of obsolete residential quarters is required to make space for 132kV bus coupler & double bus bar.	1G3212*	
27.	Cancellation of construction of 132kV S/C line from 132kV Substation, Ateli to 132kV Substation, Mundlakhera (11 Km) approved vide R. No R373/ch-22/407/k-192 Dt.30/11/2006 Code: 1L0815*.	1L0815A	
28.	Cancellation of construction of 132kV S/C line from proposed 132kV Substation, Seka to 132kV Substation, Ateli (20 Km) approved vide R. No R373/ch-22/407/k-192 Dt. 30/11/2006 Code:1L0816*	1L0816A	
29.	Conversion of existing 132kV M/Garh –Dahina S/C line on H-Pole (0.15 sq") with T-off at 132kV Substation, Kanina from 220kV Substation, Mohindergarh up to T-off point with 132kV S/C line on S/C towers with 0.2 sq inch ACSR conductor in the existing ROW. (Approx 19 km) Note: (i) The line should be planned/designed for having maximum temperature rise of 75°C instead of 132 kV line designed with 67°C. (ii) MM wing & TS wing should ensure the utilization of the towers already got fabricated for 132 kV Ateli-Seka & Ateli-Mudia Khera line.	1E3213*	
30.	Cancellation of augmentation of 132 kV substation Mundia Khera from 2x20/25 MVA 132/33 kV + 1x10/16 MVA 132/11 kV transformers to (1x40/50 + 1x20/25) MVA 132/33 kV+ 1x10/16 MVA 132/11 kV transformers in FY 2019-20 approved vide R-1395/Ch-156/408/K-47 dated 09.03.2016 (approval code 1A2936*).	1A2936A	
31.	Concurrence of connectivity of three existing 33kV substations i.e. Lehroda (20MVA), Dublana (20 MVA), Nanagal,Sirohi (18MVA) and six New 33 kV S/stns Hudina (10MVA), Nimbi (10MVA), Hasanpur (10MVA), Seemha (10MVA), Mehrampur (10MVA) & Kothal (10MVA) from 220kV Substation, Deroli Ahir. Note: DHBVN shall retain existing 33 kV lines for reliability purpose.		
32.	To include the works mentioned at Sr. No 1 to 3, 5, 7 to 20, 23 to 26 & 29 in the list of works of HVPNL for the financial year FY 2019-20, Sr. No 4 for FY 2020-21 and Sr. No 22 for FY 2017-18 after ensuring financial tie-up & HERC approvals.		

This issues with the approval of WTDs HVPNL on NP- 92 to 96 of file No.408/k-117 on 06.07.2017.

Chief Engineer/ Planning,
HVPNL, Panchkula

Copy to:

1. Chief Engineer/ TS. HVPNL, Hisar.
2. Chief Engineer (Op.), DHBVN, Hisar.
3. Chief Engineer (Op.), DHBVN, Delhi.
4. Chief Engineer (MM), HVPNL, Panchkula.
5. Superintending Engineer (MM-I), HVPNL, Panchkula
6. Superintending Engineer (MM-II), HVPNL, Panchkula.
7. Superintending Engineer (TS), HVPNL, Gurugram.
8. Superintending Engineer (Design) , HVPNL, Panchkula
9. Superintending Engineer (Civil Design) , HVPNL, Panchkula
10. Superintending Engineer (Planning), HVPNL, Panchkula.
11. Superintending Engineer/ OP, DHBVN, Narnaul
12. Superintending Engineer/ Plg. DHBVN, Hisar.
13. Superintending Engineer (NCR Planning), HVPNL, Gurgaon
14. XEN/System Study, HVPNL, Panchkula.