



To

The Chief General Manager/ PD&C,
UHBVNL, Panchkula.

Memo. No. R-1247/Ch-68/408/K-113

Dated: 19.11.2013

Subject: Proposal for creation of new 220 kV substation Neemwala in district Kurukshetra.

This is in reference to your office Memo Ch-3/Plg-501/KTL dated 19.06.2013 and latest correspondence from Xen/TS division HVPNL Kaithal dated 8.11.2013 in respect of creation of 220kV substation Neemwala and associated 220 kV & 132 kV lines has been supplied.

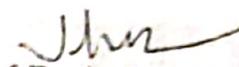
The proposal has been considered and decided as under:

| Sr. No | Description | Code |
|--------|--|---------|
| 1. | Creation of 220 kV substation Neemwala with 2x100MVA 220/132kV transformers+1x20/25MVA 132/33kV transformers along with two (2) 33kV outgoing bays+ 2x200KVA 33/0.4kV transformers (for auxiliary supply) in FY 2015-16 matching with installation of additional 315MVA 400/220kV transformer at 400kV substation Kaithal (PGCIL) along with two (2) 220kV line bays. Note: i) Provision of space for 2x100MVA 220/132kV +1x40/50MVA 132/33kV transformers; four (4) 220kV line bays and four (4) 132kV line bays for future may be kept. ii) Provision for 1x5MVA 33/11kV transformer to have 11kV RDS feeder to cater domestic load requirement of village Neemwala, in case requirement is emerged. | 2N2421* |
| 2. | Creation of 220 kV double circuit line with 0.5 sq inch ACSR conductor from 400 kV substation Kaithal (PGCIL) to 220 kV substation Neemwala (about 36kMs) in FY 2015-16 | 2L2422* |
| 3. | Creation of 132 kV D/C line on double circuit towers with 0.4 sq' inch ACSR conductor from 220 kV substation Neemwala to common point (about 8kMs) near Nautch and thereafter creation of 132kV S/C line on 132kV D/C tower up to 132kV substation Nautch and creation of 132kV S/C line on 132kV D/C tower from common point to 132kV substation Siwan with 0.4sq inch ACSR conductor (6kMs) in FY 2015-16. | 1L2423* |
| 4. | Creation of 132 kV S/c line on double circuit towers with 0.4 sq' inch ACSR conductor from 220 kV substation Neemwala to 132 kV substation Bhagal (about 7.5kMs) in FY 2015-16. | 1L2424* |
| 5. | Creation of LILO of existing 132 kV Cheeka (220 kV)-Kheri Gulam Ali S/C line on D/C towers with 0.4 ACSR conductor at 132 kV Chakuladana (about 6 KM) in FY 2015-16. | 1L2425* |
| 6. | Creation of one (1) 132 kV bay at 132 kV substation Bhagal to accommodate 132 kV single circuit line with 0.4 sq inch ACSR conductor from 220 kV substation Neemwala to 132 kV substation Bhagal in FY 2015-16 . | 1B2426* |
| 7. | Creation of one (1) 132 kV bay at 132 kV substation Nautch to accommodate 132 kV single circuit line with 0.4 sq inch ACSR conductor from 220 kV substation Neemwala to 132 kV substation Nautch in FY 2015-16. | 1B2427* |
| 8. | Creation of one (1) 132 kV bay at 132 kV substation Siwan to accommodate 132 kV single circuit line with 0.4 sq inch ACSR conductor from 220 kV substation Neemwala to 132 kV substation Siwan in FY 2015-16. | 1B2428* |
| 9. | Creation of two (2) 132 kV bays at 132 kV substation Chakuladana to accommodate LILO of 132kV S/c Cheeka (220 kV)-Kheri Gulam Ali line at 132 kV substation Chakuladana in FY 2015-16. | 1B2429* |
| 10. | To include the above works in the list of... | |

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To inform the CEA and power grid that feeding of new 220kV substation Neemwala has been considered and approved from 400kV substation Kaithal (PGCIL) in place of 800kV substation Bhadson (PGCIL), as earlier conveyed.

This issues with the approval of WTDs HVPNL on NP-43-44 of file No. 408/K-113.


Chief Engineer/ Planning,
HVPNL, Panchkula.


Copy to:

1. Chief General Manager (OP), UHBVNL, Panchkula.
 2. Chief Engineer/TS, HVPNL, Panchkula
 3. Chief Engineer (MM), HVPNL, Panchkula.
 4. Chief Engineer (SP&PA), CEA Sewa Bhawan, R.K.Puram, New Delhi.
 5. Sh. Mukesh Khanna, Deputy General Manager (SEF) PGCIL, Saudamini Complex, Plot No.2, Sec-29, PGCIL, Gurgaon - 122001.(Fax-0124-2571979).
- In continuation of this office memo ch-53/408/K-113 dated 30.07 2013, connectivity to proposed new 220kV substation Neemwala has been approved from 400kV substation Kaithal (PGCIL) in matching with installation of additional 315MVA 400/220kV transformer at 400kV substation Kaithal (PGCIL) along with two (2) 220kV line bays. This is for information of the officers/offices mentioned at serial no 4&5 above.
6. Superintending Engineer (MM-I), HVPNL, Panchkula
 7. Superintending Engineer (MM-II), HVPNL, Panchkula.
 8. Superintending Engineer (TS), HVPNL, Karnal.
 9. Superintending Engineer (Design), HVPNL, Panchkula
 10. Superintending Engineer (Civil Design), HVPNL, Panchkula
 11. Superintending Engineer (Planning), HVPNL, Panchkula
 12. Superintending Engineer (NCR Planning), HVPNL, Gurgaon.
 13. General Manager (Op.), UHBVNL, Kurukshetra & Kaithal.
 14. S.P.S. to MD, UHBVNL, for information of Managing Director UHBVNL.
 15. S.P.S. to MD, HVPNL, for information of Managing Director HVPNL.
 16. P.S. to Director (Projects), HVPNL, for information of Director (Projects)
 17. P.S. to Director (Tech.), HVPNL for information of Director (Tech.).
 18. P.S. to Director (Finance), HVPNL, for information of Director (Finance)
 19. P.S. to Director (Proj.), UHBVNL for information of Director (Proj.)
 20. P.S. to Director (Op.), UHBVNL for information of Director (Op.)
 21. Deputy Secretary (Projects), HVPNL, Panchkula.
 22. Executive Engineer (System Study), HVPNL, Panchkula.
 23. Executive Engineer (TS), HVPNL, Kurukshetra/Kaithal.
 24. Under Secretary (Meeting Section), HVPNL, Panchkula.
 25. List of works (File No. 304/K-166).
 26. Files of 132 kV Bhagal/Nautch/Siwan/Chakuladana/Kheri Gulam Ali.