भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत प्रणाली योजना एवं मूल्यांकन - I प्रभाग

Power System Planning & Appraisal - I Division

सेवा में / To

-As per enclosed list-

विषय: "ट्रांसमिशन पर राष्ट्रीय समिति" (एनसीटी) की 8th बैठक - मिनट

Subject: Corrigendum to the Minutes of the 8th Meeting of "National Committee on Transmission" (NCT)

Sir/Madam,

The 8th meeting of the "National Committee on Transmission" (NCT) was held on 25.03.2022 under the Chairmanship of Chairperson, CEA & Chairman, NCT. Minutes of the meeting were issued vide vide CEA letter No. CEA-PS-11-15(11)/1/2020-PSPA-I Division dated 05.05.2022.

Subsequently, certain inadvertent errors were observed in the issued minutes of the meeting. Further, CTUIL vide letter dated 11.05.2022 conveyed its observations on the issued minutes. The same have been examined and the Corrigendum to the Minutes of the 8th meeting of the National Committee on Transmission held on 25.03.2022 are attached as Annexure

भवदीय,

रवीन्द्र गुप्ता

(Ravinder Gupta)
Chief Engineer (PSPA-II) &
Member Secretary (NCT)

Copy to:

(i) Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi-110001.

List of addressees:

1.	Chairperson, Central Electricity Authority Sewa Bhawan, R.K. Puram, New Delhi – 110 066.	2.	Member (Power System), Central Electricity Authority Sewa Bhawan, R.K. Puram, New Delhi – 110 066.
3.	Member (Economic & Commercial), Central Electricity Authority Sewa Bhawan, R.K. Puram, New Delhi – 110 066.	4.	Director (Trans), Ministry of Power Shram Shakti Bhawan, New Delhi-110001.
5.	Sh. Dilip Nigam, Scientist 'G', MNRE, Block no. 14, CGO Complex, Lodhi Road, New Delhi – 110003	6.	Chief Operating Officer, CTUIL, Saudamini, Plot No. 2, Sector-29, Gurgaon – 122 001.
7.	Sh. Rajnath Ram, Adviser (Energy), NITI Aayog, Parliament Street, New Delhi – 110 001.	8.	CMD, POSOCO, B-9, Qutub, Institutional Area, Katwaria Sarai, New Delhi – 110010
9.	Dr.Radheshyam Saha, Ex. Chief Engineer, Central Electricity Authority	10.	Shri Sushanta Kumar Ray Mohapatra, Ex. Chief Engineer, Central Electricity Authority

Corrigendum to the Minutes of the 8th meeting of the National Committee on Transmission held on 25.03.2022

The Minutes of 8th meeting of the National Committee on Transmission were issued vide CEA letter No. CEA-PS-11-15(11)/1/2020-PSPA-I Division dated 05.05.2022. CTU vide its letter dated 11.05.2022 has proposed corrections in para 4.1.1, 4.3.1, 4.4.1, 4.5.1, 4.7.4, 4.8.5, 4.8.8, 6.11 and 7.9A of the Minutes of the 8th NCT meeting. The corrections suggested in para 4.1.1, 4.3.1, 4.7.4, 4.8.5, 4.8.8 and 7.9A is accepted and the following corrigendum is being issued to the minutes of the meeting.

1. **Para 4.1.1** : In the table on Page no. 18, which tabulates the Detailed Scope of the ISTS scheme "Inter-regional ER-WR Interconnection", at S.no 1 under "Scope of the scheme" column, conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage for Jeypore – Jagdalpur 400kV D/c line has been mentioned. CTUIL vide its letter dated 11th May, 2022 has intimated that for the said line, Quad moose equivalent conductor is proposed.

   Accordingly, after incorporation of above modification, the table mentioning the Detailed scope of the Transmission scheme "Inter-regional ER-WR Interconnection" at Page no 18 may be read as under:

Detailed scope of the scheme is as given below:
Inter-regional ER-WR Interconnection

S.No.	Existing column Scope of the scheme	Modified Column Scope of the scheme	Capacity / Line length/ nos.
(i)	Jeypore – Jagdalpur 400kV D/c line **(conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)**	Jeypore – Jagdalpur 400kV D/c line **(quad ACSR/AAAC/AL59 moose equivalent)**	~80km
(ii)	400kV GIS line bays at 400/220 kV Jeypore (POWERGRID) S/s	400kV GIS line bays at 400/220 kV Jeypore (POWERGRID) S/s	2 nos.
(iii)	400kV line bays at Jagdalpur (CSPTCL) S/s	400kV line bays at Jagdalpur (CSPTCL) S/s	2 nos.

Note:
(i) Powergrid to provide space for 2 no. of 400 kV line bays at Jeypore 400 kV substation for termination of Jeypore – Jagdalpur 400kV D/c line.
(ii) CSPTCL to provide space for 2 no. of 400 kV line bays at Jagdalpur 400 kV substation for termination of Jeypore – Jagdalpur 400kV D/c line.
(iii) The line lengths mentioned above are approximate as the exact length shall be obtained after the detailed survey
(iv) The schedule of implementation would be 24 months from the date of SPV Transfer or September' 2024, whichever is later.

2. **Para 4.3.1 :** In the table on Page no. 21, which tabulates the Detailed Scope of the ISTS scheme "Western Region Expansion Scheme-XXVII (WRES-XXVII)", at S.no 1 under "Scope of works" column, conductor with minimum capacity of 2100 MVA/Ckt at

nominal voltage for Raipur Pool – Dhamtari 400 kV D/c line has been mentioned. CTUIL vide its letter dated 11th May, 2022 has intimated that for the said line, Quad moose equivalent conductor is proposed.

Accordingly, after incorporation of above modification, the table mentioning the Detailed scope of the Transmission scheme "Western Region Expansion Scheme-XXVII (WRES-XXVII)" at Page no 21 may be read as under:

Detailed scope of the scheme is as given below:

Western Region Expansion Scheme-XXVII (WRES-XXVII)

	S. No	**Existing column Scope of works**	**Modified Column Scope of works**	**MVA/km**
1.		Raipur Pool – Dhamtari 400 kV D/c line **(conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)**	Raipur Pool – Dhamtari 400 kV D/c line **(quad ACSR/AAAC/AL59 moose equivalent)**	80 km
2.		400kV line bays at Raipur Pool (POWERGRID) S/s for termination of Raipur Pool – Dhamtari 400 kV D/c line	400kV line bays at Raipur Pool (POWERGRID) S/s for termination of Raipur Pool – Dhamtari 400 kV D/c line	400 kV Line Bays- 2
3.		400kV line bays at Dhamtari (CSPTCL) S/s for termination of Raipur Pool – Dhamtari 400 kV D/c line	400kV line bays at Dhamtari (CSPTCL) S/s for termination of Raipur Pool – Dhamtari 400 kV D/c line	400 kV Line Bays- 2

Note:

(i) Powergrid to provide space for 400 kV line bays at Raipur PS for termination of Raipur Pool – Dhamtari 400 kV D/c line

(ii) CSPTCL to provide space for 400 kV line bays at Dhamtari S/stn for termination of Raipur Pool – Dhamtari 400 kV D/c line

(iii) The line lengths mentioned above are approximate as the exact length shall be obtained after the detailed survey

(iv) Downstream system associated with the scheme to be implemented by CSPTCL as an intra-state scheme :

(v) Dhamtari(Kurud) – Gurur 220 kV D/c (2nd) line by Dec'23 timeframe.

(vi) 3rd 400/220kV, 315MVA ICT at Dhamtari S/s by Mar'24 timeframe.

(vii) The schedule of implementation would be 18 months from SPV Transfer or matching with 3rd 400/220kV, 315MVA ICT at Dhamtari S/s to be implemented by CSPTCL (anticipated by Mar-24), whichever is later.

3. Para 4.7.4: In the table on page no.29, item at s.no 3 under "Capacity/km" column, the no of 400 kV line bays have been inadvertently mentioned as 2 nos. whereas at Koldam S/stn, only 1 no. of 400 kV line bay is required for termination of Nange (GIS) Pooling Station – Koldam 400 kV D/c line, as only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400kV D/c line. Further, no Bus Reactor bay is required at Koldam S/stn, as after bypassing of 1 ckt of Koldam – Ropar/Ludhiana 400kV D/c line at Koldam S/stn, the available line bay would be used for implementation of bus reactor.

Accordingly, after incorporation of above modifications, the table mentioning the Detailed scope of the Transmission system for evacuation of power from Luhri Stage-I HEP at Page no 29 may be read as under:

"Detailed scope of the scheme is as given below:

Transmission system for evacuation of power from Luhri Stage-I HEP

Sl.	***Scope of the Transmission Scheme***	***Existing column Capacity /km***	***Modified column Capacity /km***
1.	Establishment of 7x105 MVA, 400/220kV Nange GIS Pooling Station alongwith 125 MVAR (420kV) Bus Reactor at Nange (GIS) PS(1-Ph units along with one spare unit) Future provisions: Space for • 400/220kV ICTs (315 MVA with single phase units) along with associated bays: 3 nos. • 400 kV line bays along with switchable line reactor: 3 nos. • 220 kV line bays: 10 nos	315MVA, 400/220kV ICT: 2 nos. (7x105 MVA including 1 spare ICT) 400kV ICT bays: 2 nos. 220kV ICT bays: 2 nos. 400 kV, 125 MVAr Bus Reactor- 1 400 kV Bus Reactor bay- 1 no. 400 kV Line Bays- 2 nos.	315MVA, 400/220kV ICT: 2 nos. (7x105 MVA including 1 spare ICT) 400kV ICT bays: 2 nos. 220kV ICT bays: 2 nos. 400 kV, 125 MVAr Bus Reactor- 1 400 kV Bus Reactor bay- 1 no. 400 kV Line Bays- 2 nos
2.	Nange (GIS) Pooling Station – Koldam 400 kV D/c line (Triple snowbird) (*only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/ Ludhiana 400kV D/c line)*	40 km	40 km
3.	1 no. of 400kV line bay at Koldam S/s for termination of Nange (GIS) Pooling Station – Koldam 400 kV linealongwith125 MVAR (420kV) Bus Reactor at Koldam S/s (1-Ph units along with one spare unit)	**400 kV Line Bays- 2 nos.** **400 kV, 125 MVAr Bus Reactor- 1** **400 kV Bus Reactor bay- 1 no.**	**400 kV Line Bays- 1 no.** **400 kV, 125 MVAr Bus Reactor- 1 (to be terminated in existing line bay at Koldam , which would be available due to bypassing of one circuit of Koldam – Ropar/Ludhiana 400kV D/c line at Koldam S/stn)**
4.	Bypassing one ckt of Koldam – Ropar/Ludhiana 400kV D/c line (Triple snowbird) at Koldam and		

Sl.	*Scope of the Transmission Scheme*	*Existing column Capacity /km*	*Modified column Capacity /km*
	connecting it with one of the circuit of Nange- Koldam 400kV D/c line(Triple snowbird), thus forming Nange- Ropar/ Ludhiana one line (Triple snowbird)		
5.	1x50 MVAR switchable line reactor at Ropar end of Nange-Ropar/ Ludhiana 400kV line	400 kV, 50MVAr Line Reactor- 1 400 kV Reactor Bay- 1 no.	400 kV, 50MVAr Line Reactor- 1 400 kV Reactor Bay- 1 no.

Note:

(i) *NTPC to provide space for 400 kV line bay and Bus Reactor at Koldam S/stn*

(ii) The line lengths mentioned above are approximate as the exact length shall be obtained after the detailed survey

(iii) Implementation timeframe: Matching time frame of Luhri Stage-I HEP. As per M/s SJVN current schedule is 24th April, 2025.

3.1. At Page no 44, the * sign (Nange (GIS) Pooling Station – Koldam 400 kV D/c line* (Triple snowbird) – 40 km) under column Broad Scope for item at s.no 4 to be ignored.

4. **Para 4.8.5:** In this para at page no. 31, the revised cost of the Transmission system for evacuation of power from Kaza Solar Power Project (880 MW) is mentioned as Rs 3152 Crore. CTUIL vide its letter dated 11th May, 2022 has intimated that the revised cost is Rs 3251 Crore considering implementation schedule of Kaza Solar Park as 31st March' 2025. Accordingly, modified para 4.8.5 at page no. 31 is as given below:

Modified para 4.8.5:

4.8.5 CEA informed that while the estimated cost of the scheme submitted along with the proposal by CTU was Rs 2135 Crore (March 2020 PL), however, CTU vide its email dated 22.03.2022 has conveyed the revised cost of Rs 3251 Crore based on September, 2021 PL. Also, NRPC while approving the scheme in its 50th meeting held on 28.01.2022 has opined that in view of higher transmission cost of about Rs 2.5 Cr/MW (2135 crores for evacuation of 880 MW power) for proposed scheme, CTU may take up with NCT for Govt. budgetary support/grant for the transmission scheme so as to rationalize transmission charges on the consumers. With the revised cost of Rs. 3251 crores intimated by CTU, transmission cost would be about 3.6 Cr/MW and the same needs to be apprised again to NRPC.

4.1. **Para 4.8.8 - Implementation timeframe:** The second column of the table under this para at page no. 31 , mentions the implementation timeframe of the evacuation scheme from Kaza Solar Power Project as "Matching with Kaza Solar Park i.e. Mar' 2024". Based on CTUIL's inputs, regarding the implementation timeframe of Kaza Solar Park as March'2025, the modified table is as given below:

The Table present under para 4.8.8 at Page no 31 may be read as follows:

S.no	Name of the scheme/est. cost	Decision of NCT	Purpose /Justification
1	Transmission system for evacuation of power from Kaza Solar Power Project (880 MW) Est Cost: Rs 3251 Crore **Implementation Timeframe**: Matching with Kaza Solar Park i.e. **Mar' 2025**	• Recommended to MoP • Implementation through **TBCB** mode • CTU to intimate NRPC regarding increase in the estimated cost of the scheme.	To provide connectivity to Kaza Solar Power Project (880 MW) being developed by SJVNL along with further transfer of power beyond Wangtoo S/s (HPPTCL)

4.2. Para 4.8.8 - ICT rating: In the third column (*Capacity/km)* for item at s.no.1 of the table under this para at page no. 32, the voltage rating of ICT's have been inadvertently mentioned as 400/220 kV instead of 400/132 kV. Further, the no. of 400 kV and 132 kV ICT bays have been mentioned as 2 nos, which needs to be corrected as 3 nos.

Accordingly, after incorporating the necessary connections, the modified table detailing the scope of works for Kaza evacuation scheme at Page no 32 is as given below:

Detailed scope of the scheme is as given below:
Transmission system for evacuation of power from Kaza Solar Power Project (880 MW)

Sl.	*Scope of the Transmission Scheme*	*Existing column Capacity /km*	*Modified column Capacity /km*
1.	Establishment of 3x315 MVA (10x105 MVA single phase units including one spare) [$] 400/132kV Kaza PS (GIS) alongwith 2x80 MVAr (420kV) Bus Reactors at Kaza PS	315MVA, **400/220 kV** ICT: 3 nos. (10x105 MVA including 1 spare ICT) 400kV ICT bays: **2 nos.** 132kV ICT bays: **2 nos.** 400 kV GIS Line Bays: 2 nos.	315MVA, **400/132kV** ICT: 3 nos. (10x105 MVA including 1 spare ICT) 400kV ICT bays: **3 nos.** 132kV ICT bays: **3 nos.** 400 kV GIS Line Bays: 2 nos.
	Future Scope at Kaza Pooling Station: Space provision for: i. 5 nos. of 132 kV line bays for future projects[#] ii. 2 nos. of 400/132 kV Transformers	420 kV, 80 MVAr Bus Reactor- 2 420 kV Bus Reactor bay- 2 no.	420 kV, 80 MVAr Bus Reactor- 2 420 kV Bus Reactor bay- 2 no.
2.	Kaza-Wangtoo (HPPTCL) 400 kV D/c (Quad) line^	197 km	197 km

Sl.	*Scope of the Transmission Scheme*	*Existing column Capacity /km*	*Modified column Capacity /km*
3.	2 no. of 400kV line bays at Wangtoo S/s (HPPTCL)for termination of Kaza-Wangtoo (HPPTCL) 400 kV D/c (Quad) line	400 kV Line Bays- 2 nos.	400 kV Line Bays- 2 nos.
4.	1x80 MVAR switchable line reactor on each circuit at Kaza end of Kaza-Wangtoo 400 kV D/c line	420 kV, 80 MVAr SLR- 2 Line Reactor bay – 2 nos.	420 kV, 80 MVAr SLR- 2 Line Reactor bay – 2 nos.
5.	Wangtoo (HPPTCL) - Panchkula (PG) 400 kV D/c (Twin HTLS*) Line along with 80 MVAr switchable line reactor at Panchkula end at each circuit-210 Km	210 km 400 kV Line bays- 4 nos. (2 at Wangtoo and 2 at Panchkula) 420 kV, 80 MVAr SLR- 2 Line Reactor bay – 2 nos.	210 km 400 kV Line bays- 4 nos. (2 at Wangtoo and 2 at Panchkula) 420 kV, 80 MVAr SLR- 2 Line Reactor bay – 2 nos.

^Line capacity shall be 2500 MVA per circuit at nominal voltage

[$] *In case of transportation constraints, 5x200 MVA ICTs (16x66.67 MVA, 1-phase unit including one spare unit) shall be considered*

[#] *132 kV line bays (9 Nos.) at Kaza PS for termination of lines from 7 pockets of solar projects of SJVNL shall be under applicant scope for implementation. Space provision to kept additionally for above 9 nos. bays.*

** with minimum capacity of 2100 MVA on each circuit at nominal voltage*

Note:

(i) HPPTCL to provide space for 400 kV line bays at Wangtoo S/stn for termination of Kaza-Wangtoo (HPPTCL) 400 kV D/c (Quad) line and Wangtoo (HPPTCL) - Panchkula (PG) 400 kV D/c

(ii) PGCIL to provide space for 400 kV line bays at Panchkula S/s alongwith SLR for termination of Wangtoo (HPPTCL) - Panchkula (PG) 400 kV D/c

(iii) The line lengths mentioned above are approximate as the exact length shall be obtained after the detailed survey

(iv) The schedule of implementation would be matching with Kaza Solar park.

4.3. In view of corrections 4 and 4.1 above, tables under para no. **3** on page no. 45 also gets modified and same is as given below:

Modified para 3 at page no.45:

3. ISTS Transmission schemes, costing greater than Rs 500 Crore, recommended by NCT :

The ISTS transmission schemes recommended to MoP are given below:

S.no	Transmission Scheme	Implementation Mode	Implementation Timeframe	Survey Agency	Estimated Cost (Rs Cr.)
1.	Transmission system for evacuation of power from Kaza Solar Power Project (880 MW)	TBCB	Matching with Kaza Solar Park i.e. **March'2025**	PFCCL	Rs **3251** Crore
2.	ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region	TBCB	18 months from SPV Transfer	RECPDCL	Rs. 2374 Crore

The broad scope of ISTS schemes, recommended to MoP for implementation through TBCB mode by NCT, to be notified in Gazette of India is as given below:

S.No.	Name of Scheme & Implementation timeframe	Broad Scope	Bid Process Coordinator
1.	Transmission system for evacuation of power from Kaza Solar Power Project (880 MW) Timeframe: Matching with Kaza Solar Park i.e. **March' 2025**	i) Establishment of 3x315 MVA 400/132kV Kaza PS (GIS) ii) Kaza-Wangtoo (HPPTCL) 400 kV D/c (Quad) line iii) Wangtoo (HPPTCL) - Panchkula (PG) 400 kV D/c iv) Associated line bays and reactors (Detailed scope as approved by 8th NCT and subsequent amendments thereof)	(To be decided by MoP)
2.	ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region	i) Narendra New (GIS) – Pune (GIS) 765kV D/c line ii) Upgradation of Narendra (New) (GIS) to its rated voltage of 765 kV level iii) Associated line bays and reactors	(To be decided by MoP)

	Timeframe: 18 months from SPV Transfer	(Detailed scope as approved by 8th NCT and subsequent amendments thereof)	

5. **Para 7.9:** In the table under para 7.9 at page no.42, the second column for entry at s.no.3 mentions 400 kV line bays at Koppal PS , which is to be corrected as 400 kV line bays at Koppal PS and Gadag PS. The modified table is as given below:

Modified para 7.9:

7.9 After deliberations**,** NCT approved the following revised scope of works:

A. The revised scope of works for the **"Transmission scheme for evacuation of 1500 MW from Gadag SEZ under Part A: Phase-II"** would be as tabulated below:

Sl. No.	**Scope of the Transmission Scheme**	**Capacity /km**
1.	400/220 kV, 3x500 MVA ICT Augmentation at Gadag Pooling Station	400/220 kV, 500 MVA ICT – 3 400 kV ICT bays – 3 220 kV ICT bays – 3 220 kV line bays – 4(to be taken up as per Connectivity/LTA applications received)
2.	Gadag PS-Koppal PS 400 kV (high capacity equivalent to quad moose) D/c line	Length – 60
3.	400 kV line bays at Koppal PS and **Gadag PS** for Gadag PS-Koppal PS 400 kV D/c line	Line bays – 4

Note:

(i) *Developer of Koppal PS to provide space for 2 no. of 400 kV line bays at Koppal PS for termination of Gadag PS-Koppal PS 400 kV (high capacity equivalent to quad moose) D/C Line.*

(ii) *Developer of Gadag-Ph I PS to provide space for requisite ICT Augmentation and 2 no. of 400 kV line bays at Gadag PS for termination of Gadag PS-Koppal PS 400 kV (high capacity equivalent to quad moose) D/C Line.*

(iii) *The schedule of implementation of Phase-II of the scheme would be matching with schedule of RE developers or 18 months from the date of transfer of SPV whichever is later."*

5.1. The modified table under item 4.2 of Summary of the deliberations of the 8th NCT meeting held on 25.03.2022 at page no. 47 is as given above in para 7.9.

6. **Para 6.1.1:** At Page no 39, there is tabulation of the Detailed Scope of the scheme "ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region". There are corrections in the *Note* under this table in respect of space to be provided by Powergrid.

Accordingly, after incorporating the necessary corrections, the modified table detailing the scope of works for ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region at Page no 39 is as given below:

Detailed scope of the scheme is as given below:
ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region

Sl. No	Scope of the Transmission Scheme	Capacity / Route length (km)
1.	Narendra New (GIS) – Pune (GIS) 765 kV D/c line with 1x330 MVAr switchable line reactor (SLR) on each ckt at both ends	340 km 765 kV line bays -2 (GIS) (at Narendra New) 765 kV line bays -2 (GIS) (at Pune) 765 kV, 330 MVAr SLR – 2 nos (7 X 110 MVAr including 1 switchable spare unit) at Pune (GIS) 765 kV, 330 MVAr SLR – 2 nos (6 X 110 MVAr) at Narendra (New) (GIS)
2.	Upgradation of Narendra (New) (GIS) to its rated voltage of 765 kV level along with 4x1500 MVA transformer and 2x330 MVAr Bus Reactor (BR).	765/400 kV, 1500 MVA - 4 no. (13 X 500 MVA incuding 1 spare unit) 765 kV ICT bays- 4 nos.(GIS) 400 kV ICT bays- 2 nos.(GIS) * 765 kV, 330 MVAr BR – 2 nos. (7 X 110 MVAr including 1 switchable spare unit to be used for both bus/line reactors) 765 kV Bus Reactor bays – 2 nos. (GIS)

*Out of required 04 nos. of 400kV ICT bays (GIS) for 765/400kV ICTs, 02 nos. of 400 kV ICT bays (GIS) for 765/400kV ICTs are under implementation through TBCB route under the scheme "Evacuation of Power from RE Sources in Koppal Wind Energy Zone (Karnataka) (2500 MW)"

Note:

(i) Powergrid to provide space for upgradation of Narendra (New) (GIS) to its rated voltage of 765 kV level

(ii) Powergrid to provide space for 2 no of 765 kV GIS line bays alongwith SLR at Pune end for termination of Narendra New (GIS) – Pune (GIS) 765 kV D/c line

(iii) Powergrid to provide space for implementation of 2 no. 400 kV ICT bays (GIS) for 765/400kV ICTs at Narendra (New) (GIS). Out of required 04 nos. of 400 kV ICT bays (GIS) for 765/400kV ICTs, 02 nos. of 400 kV ICT bays (GIS) for 765/400kV ICTs are under implementation through TBCB route under the scheme "Evacuation of Power from RE Sources in Koppal Wind Energy Zone (Karnataka) (2500 MW)"

(iv) The line lengths mentioned above are approximate as the exact length shall be obtained after the detailed survey

(v) Narendra (New)(GIS) - Kolhapur 765kV D/c line to be kept charged at 400kV level

(vi) Implementation Time-frame: 18 months from SPV Transfer.