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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

To

-As per list enclosed-

विषय: पश्चिमी क्षेत्र विद्युत समिति (पारेषण योजना) (WRPCTP) की पहली बैठक का अतिरिक्त एजेंडा

Subject: Additional agenda note of the 1st meeting of Western Region Power Committee (Transmission Planning) (WRPCTP)

Sir/ Madam,

1st meeting of Western Region Power Committee (Transmission Planning) (WRPCTP) is scheduled to be held on at **9:30 AM on 11.01.2020 at Hyatt Regency, 17A, Aashram Road, Usmanpura, Ahmedabad, Gujarat.** The agenda (already circulated vide letter dated 17.12.2019) and additional agenda is available on CEA website (www.cea.nic.in) at the link: <http://cea.nic.in/compsplanningwr.html> i.e. Home page - Wings - Power Systems -PSP&A-1 - Standing Committee on Power System Planning Western Region. The contact person details are as given below:

- i. Abhinav Verma, Sr, GM, Powergrid – 9428504062
- ii. Sanket Vani, DGM, Powergrid - 9425409584

Kindly make it convenient to attend the meeting.

Yours faithfully,

(Goutam Roy)

Chief Engineer (PSP&A-I)

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1.	Member (Power System), Central Electricity Authority, Sewa Bhawan, RK Puram, Sec-1, New Delhi - 110066	2.	Member Secretary, WRPC, F-3, MIDC Area, Andheri (East), Mumbai – 400093 Fax – 022-28370193	3.	COO (CTU) POWERGRID, Saudamini, Plot no. 2, Sector -29, Gurgaon-122 001 Fax-0124-2571809
4.	Director (System Operation), POSOCO B-9, Qutub Institutional Area, Katwaria Sarai New Delhi – 110010	5.	Chief Electrical Engineer, Vidyut Bhavan, 3rd Floor, Panaji, Goa - 403001	6.	Managing Director, GETCO, Sardar Patel Vidyut Bhawan, Race Course, Vadodara-390007
7.	Managing Director, MPPTCL, Block no -2, Shakti Bhawan, Rampur, Jabalpur – 482008 (M.P)	8.	Chairman & Managing Director, MSETCL, Prakashganga, Plot No.C-19, E-Block, Bandra-Kurla Complex, Bandra (E), Mumbai - 400051	9.	Secretary (Power), Administration of Daman & Diu (U.T.), Fort Area, Moti Daman-396220
10	Secretary (Power), UT of Dadra & Nagar Haveli, Secretariat, Amli, Silvassa - 396230	11	Managing Director, CSPTCL, Dangania, Raipur (CG)-492013	12.	Chairman & Managing Director (NTPC), NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi - 110003
13	Chairman & Managing Director (NHPC), N.H.P.C Office Complex, Sector-33, Faridabad - 121003 (Haryana)	14	Managing Director (SECI), 1st Floor, D-3, A Wing, Prius Platinum Building District Centre, Saket, New Delhi - 110017		

List of Addressees:**Copy to :**

- i. Shri Stephen Fernandes, Executive Engineer (IPM), Vidyut Bhavan, 3rd Floor, Panaji, Goa – 403001
- ii. Chief Engineer (Planning & Design), MPPTCL, Block no -2, Shakti Bhawan, rampur, Jabalpur – 482008 (M.P)
- iii. Shri Ravindra Chavan, Director (Projects), MSETCL, Prakashganga, Plot No.C-19, E-Block, Bandra-Kurla Complex, Bandra (E), Mumbai - 400051

Additional agenda note for 1st meeting of Western Region Power Committee (Transmission Planning) (WRPCTP)

1. Review of the transmission system for 17.5 GW RE projects in WR under Phase-II and immediate connectivity to Dholera UMSP

1.1. This agenda is in continuation to the main agenda no. 4.

1.2. To review the transmission system for 17.5 GW RE projects in WR under Phase-II and immediate connectivity to Dholera UMSP, a joint study meeting with CTU, POSOCO and GETCO was held on 23.12.2019. The system studies were carried out with the following considerations:

Study considerations:

- i. Studies were carried out for the 2021-22 time frame.
- ii. All India demand is considered as per the 19th EPS of CEA (2021-22). Based on the discussions & past trends, for solar maximized scenario, demand has been considered as about 90% of the peak demand of 19th EPS for various regions except for Northern region where it is considered as about 95% of the peak demand.
- iii. Considering envisaged RE (wind & solar) capacity addition and to achieve Load-generation balance, Thermal generation dispatch is reduced upto technical minimum of various generations, wherever required. At some of the locations, thermal generations are even needed to be switched off.
- iv. During the joint study meetings held on 10th June, 2019 and 20th – 21st June, 2019 after 2nd WRSCT meeting, the following dispatch scenario was considered based on feedback from respective state utilities:

Gujarat	Maharashtra	Madhya Pradesh
<ul style="list-style-type: none"> • 90% Solar dispatch • 75% Wind dispatch 	<ul style="list-style-type: none"> • 80% Solar dispatch • 75% Wind dispatch 	<ul style="list-style-type: none"> • 80% Solar dispatch • 70% Wind dispatch

For Khavda region 100% solar dispatch is considered for simulating worst case scenario.

- v. At present, Stage-II connectivity applications of about 1480 MW (200 MW St-II Connectivity of INOX which was closed is also considered) at Bhuj-II PS and 1500MW (500 MW St-II Connectivity of Betam and Clean Wind which was closed is also considered) at Jamkhambaliya S/s is considered for carrying out studies. Further, RE generation of 2000 MW is considered at Bhuj-II PS. 75% wind dispatch is considered at Bhuj-II, Jam-Khambaliya
- 1.3. Based on the studies the following transmission System for evacuation of power from Khavda region (10 GW) proposed whose implementation needs to be taken up in phases: (Exhibits are attached as Annexure):
- i) Establishment of Khavda 765/400kV PS
 - ii) Khavda PS – Bhuj PS 765kV D/c line
 - iii) Khavda PS – Lakadia PS 765kV D/c line

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- iv) Lakadia PS – Ahmedabad S/s 765kV D/c line
- v) Establishment of Ahmedabad 765/400kV S/s along with associated 400kV interconnections (LILO of Pirana (PG) – Pirana (T) 400kV D/c line at Ahmedabad S/s with twin HTLS along with reconductoring of Pirana (PG) – Pirana(T) line with twin HTLS conductor)
- vi) Ahmedabad S/s – Indore S/s 765kV D/c line
- vii) Ahmedabad S/s– Vadodara S/s 765kV D/c line

1.4. The phase wise implementation of the above transmission system is proposed as given below:

(A) Phase-I (4.5 GW)

Option 1 (2 GW at Khavda, 2 GW at Bhuj-II # & 0.5 GW at Bhuj PS)

- i. Establishment of Khavda 765/400, 3x1500MVA , 400/220kV, 4x500MVA* PS
- ii. Khavda PS – Bhuj PS 765 kV D/c line
 - * (400/220kV, 4x500MVA substation to be taken up after the grant of connectivity/LTA at 220kV level)
 - # (Injection of 2GW at Bhuj-II PS shall be through dedicated connectivity line of RE developers)

Evacuation of 4.5 GW power is possible through above system and the Phase-I RE system currently under implementation. Out of 4.5 GW, injection upto 2.7 GW is possible at Bhuj-II PS.

Loading of 3340 MW and 3150 MW is observed on Bhuj II-Lakadia 765 kV D/c line (3340MW) and Lakadia-Vadodara 765 kV D/c line (3150MW) respectively under N-1 contingency condition.

Option 2 (4GW at Khavda, 0 GW at Bhuj-II & 0.5GW at Bhuj PS)

- i. Establishment of Khavda 765/400, 4x1500MVA , 400/220kV, 8x500MVA* PS
- ii. Khavda PS – Bhuj PS 765kV D/c line
 - (*400/220kV, 8x500MVA substation shall be taken up after the grant of connectivity/LTA at 220kV level)

Evacuation of 4.5GW power is possible through above system and the Phase-I RE system is currently under implementation.

(B) Phase-II (5.5 GW at Khavda)

- i. Khavda PS – Lakadia PS 765kV D/c line
- ii. Lakadia PS – Ahmedabad 765kV D/c line
- iii. Establishment of Ahmedabad 765/400kV S/s along with associated 400kV interconnections (LILO of Pirana (PG) – Pirana (T) 400kV D/c line at Ahmedabad S/s with twin HTLS along with reconductoring of Pirana (PG) – Pirana(T) line with twin HTLS conductor)
- iv. Ahmedabad – Indore 765kV D/c line
- v. Ahmedabad – Vadodara 765kV D/c line

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- vi. Augmentation of Khavda PS by 5x1500MVA, 765/400kV ICTs (two bus sections with bus sectionalizer to be created at 765kV & 400kV level with 4x1500MVA, 765/400kV ICTs in each section. Bus sectionalizer at 765kV level shall normally be closed and bus sectionalizer at 400kV level shall normally be open.)

Loading of 3500 MW and 3480 MW observed on Khavda-Lakadia 765 kV D/c line (3500 MW) and Lakadia-Ahmedabad 765 kV D/c line (3480 MW) respectively under N-1 contingency condition.

The Short Circuit Ratio / SC MVA observed at Bhuj PS, Bhuj II PS, Khavda I PS and Khavda II PS is as given below:

Pooling Station	Potential	SC MVA	SC Current (A)
Bhuj 400kV bus	500 MW (4000MW wind)	28655.80	41361.1
Khavda-I 400kV	3650 MW	22782.54	32883.8
Khavda-II 400kV	3850 MW	22782.54	32883.8
Bhuj II			

1.5. Proposed Transmission system for Dholera UMSP:

The revised transmission system for evacuation of power from Dholera UMSP (Phase I – 2GW and Phase II – 2GW) is as given below:

- Establishment of 400kV Dholera Pooling station (Injection of power from the Solar Park at 400kV level)
- LILO of both circuits of Vadodara- Pirana (PG) 400 kV DC line at Dholera pooling station
- Reconductoring of Pirana (PG) – Pirana(T) 400 kV D/c line with twin HTLS conductor

The above transmission system would be adequate for Phase-I of Dholera UMSP. Any additional transmission system under Phase II, if required would be taken up subsequently.

2. Readiness of Transmission system for evacuation of power from Khargone STPS (2X660MW)

- 2.1. The following transmission system for connectivity and LTA was identified for 2x660 MW Khargone STPP:

Transmission system required for connectivity: (Under the scope of Khargone Transmission Limited)

- LILO of one ckt of Khandwa - Rajgarh 400kV D/c line at Khargone STPP (Interim arrangement) - (Commissioned)#
- Khargone STPP – Khandwa Pool 400 kV D/c (Quad) line

#The LILO shall be used for startup power and commissioning activities requirement. After commissioning of balance transmission system, the LILO would be bypassed at Khargone generation switchyard and may be

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utilized only under contingency condition as per decision in 38th WR SCM held on 17.07.15.

Transmission system required for LTA: (Under the scope of Khargone Transmission Limited)

- i) Establishment of 765/400kV, 2x1500MVA pooling station at Khandwa Pool
- ii) Khandwa Pool – Indore 765kV D/c line
- iii) Khandwa Pool – Dhule 765 kV D/c line

2.2. In a meeting held on 19.12.2019 in CEA to discuss the issue of readiness of Transmission system for evacuation of power from Khargone STPS (2X660MW), NTPC informed that the commissioning activities for Unit-I of Khargone STPP has been completed and the synchronization of Unit-II is scheduled by end of December' 2019 followed by 72 hour trial run in January'2020.

Further, KTL informed that Khargone STPP – Khandwa Pool 400 kV D/c (Quad) line is expected by 1st week of Jan'20 whereas establishment of 765/400kV, 2x1500MVA pooling station at Khandwa Pool along with Khandwa Pool – Indore 765kV D/c line is expected by end of Dec'19.

After detailed deliberations, following was decided in the meeting:

- M/s KTL to complete the above part system of the evacuation system associated with Khargone STPP [Khargone STPP – Khandwa Pool 400 kV D/c (Quad) line, establishment of 765/400kV, 2x1500MVA pooling station at Khandwa Pool & Khandwa Pool – Indore 765kV D/c line] by 15th January, 2019.
- Until availability of the above transmission system, Khargone STPP unit 1 power would be evacuated through LILO of one ckt of Rajgarh - Khandwa 400kV D/C line at Khargone TPP.
- Synchronization of Unit-II of Khargone TPP through existing LILO of one ckt of Rajgarh - Khandwa 400kV D/C line at Khargone TPP may be allowed to M/s NTPC, subject to the total generation from Unit-I and Unit-II is restricted to the capacity of only one unit at Khargone TPP and furnishing a undertaking from NTPC on the same.
- After availability of the above transmission system, LILO of one ckt of Rajgarh - Khandwa 400kV D/C line at Khargone TPP would be bypassed at Khargone STPP switchyard and may be utilized only under contingency condition.

2.3. With regard to evacuation of power from Unit-1 through LILO of one ckt of Rajgarh - Khandwa 400kV D/c line at Khargone TPP, it may be noted that in the 38th WR SCM held on 17.07.15, the above LILO was planned only for startup power and commissioning activities requirement.

2.4. Members may deliberate.

3. Connectivity of 325MW wind project of SBESS at 220kV level of Indore (existing) S/s

3.1. SBESS Services Projectco Two Pvt. Ltd. had applied for Stage-I & Stage-II connectivity for its 325MW wind project at Indore (existing) S/s of POWERGRID.

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The applications were deliberated in the 42nd Western Region constituents meeting regarding Connectivity/LTA Applications held on 26.11.2019. During the meeting, injection of 325MW power at 220kV level of Indore (PG) S/s was deliberated. However, MPPTCL had objected to the same due to overloading of 220kV lines emanating from Indore S/s and had insisted for STU transmission charges for use the Intra State transmission system by M/s SBESS. Subsequently, MPPTCL vide letter dated 02.12.2019 submitted that connectivity at 220kV level of Indore (PG) S/s is acceptable to them provided that technical solution with respect to congestion in 220kV corridor from Indore (PG) substation is worked out and STU transmission charges & losses are made applicable on the portion of power flowing from the generation project into the MP STU network.

- 3.2. To further deliberate on the issue, a meeting amongst CEA, CTU, MPPTCL and SBESS Services Projectco Two Pvt. Ltd. was held on 20.12.2019 in which M/s SBESS stated that they shall apply for LTA at the earliest. In view of the same, various alternative Intra-state strengthening schemes were discussed to relieve overloading of 220kV lines emanating from Indore S/s after considering SBESS 325 MW wind project injection at 220kV level of Indore (PG) S/s.

Sl. No.	Alternatives	Constraint/Remarks	Schematic
1	<p>Base Case</p> <p>With Indore(PG) – Indore (NZ) 220kV D/c line (planned by MPPTCL) along with restoring the LILO of Indore-II – Indore(MP) 220kV line at Indore(NZ) to original configuration</p>	<p>In the event of outage of one circuit of Indore (PG)-Indore-II 220kV D/c line, loading of other circuit reaches around 275 MW. (N-1 non-compliant)</p>	
2	<p>Alternative-I:</p> <p>LILO of Indore-II – Indore (NZ) 220kV S/c section at Indore(PG) S/s</p> <p>(through termination of Indore (PG)- Indore(NZ) 220kV D/c planned line into Indore-II – Indore(NZ) 220kV S/c line so as to establish Indore(PG)-Indore(NZ) 220kV S/c line and Indore(PG)-Indore-II 220kV S/c line)</p>	<p>Power flow is in order</p>	

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Sl. No.	Alternatives	Constraint/Remarks	Schematic
3	<p>Alternative-II: Indore (PG)- Indore-II 2nd 220kV D/c line</p>	<p>2 nos. bays at Indore(MP) required</p>	<p>Connectivity of 325MW wind project of SBESS at 220kV level of Indore (existing) S/s</p> <p>Indore (PG) Ujjain Astha Indore-II Manglia Indore (MP) Indore-NZ</p> <p>Indore (PG)- Indore-II 2nd 220kV D/c line</p>
4	<p>Alternative-III: Reconductoring of Indore (PG)- Indore-II existing 220kV D/c line</p>	<p>If taken up under ISTS, the line (conductor) & tower infrastructure shall be under different ownership</p>	<p>Reconductoring of existing Indore (PG)- Indore-II 220kV D/c line</p>
5	<p>Alternative-IV: Interconnection of one circuit of Indore(PG)-Ujjain 220kV D/c line to one circuit of Indore-II-Astha 220kV D/c line so as to establish Indore(PG)-Indore-II 220kV S/c line and Ujjain-Astha 220kV S/c line</p>	<p>-No bays are required and third ckt between Indore (PG) - Indore II gets established</p>	<p>Connectivity of 325MW wind project of SBESS at 220kV level of Indore (existing) S/s</p> <p>Indore (PG) Ujjain Astha Indore-II Manglia Indore (MP) Indore-NZ</p> <p>Interconnection of one circuit of Indore(PG)-Ujjain 220kV D/c line to one circuit of Indore-II- Astha 220kV D/c line so as to establish Indore(PG)-Indore-II 220kV S/c line and Ujjain-Astha 220kV S/c line</p>

The above alternatives were discussed and MPPTCL was requested to convey the feasible alternative and modality of implementation of the same after scrutinizing the above alternatives.

3.3. After deliberations, it was agreed that St-I and St-II connectivity to M/s SBESS would be granted at 220kV level of Indore (PG) S/s through SBESS – Indore (PG) 220 kV S/c line. After receipt of the LTA application, the same would be processed only after the finalization of strengthening scheme.

Regarding MPPTCL’s proposal of the applicability of the STU transmission charges and losses on the portion of power flowing from the generation project into the MP STU network, it was deliberated that the same would be governed by applicable CERC/SERC regulations.

3.4. MPPTCL may inform about the most feasible alternative and modality of implementation of the strengthening scheme which would be required for grant of LTA after receipt of application in this regard.

3.5. Members may deliberate.

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4. Requirement of DGEN – Vadodara 400kV D/c line for power evacuation from DGEN Power plant (3x400MW)

4.1. The following LTAs have been granted from Torrent Energy Ltd. (DGEN) Power plant in Dahej, Gujarat:

- 800MW: 400MW - NR (Target) & 400MW - WR (Target)
- 400MW: 400MW - Gujarat (WR) (at 400kV Nicol S/s of Ahmedabad)

4.2. The DGEN – Vadodara 400kV D/c and Navsari – Bhestan 220kV D/c lines were identified as system strengthening schemes to operationalize the subject LTAs. “Transmission system associated with DGEN TPS (1200 MW) of Torrent Power Limited”, which consisted of the above elements was awarded to DGEN Transmission Company Ltd (DGENTCL) through Tariff Based Competitive Bidding (TBCB) route with commissioning schedule of May 2018. The zero date of the project is 17.03.2015, however, M/s DGENTCL did not take up the implementation of the scheme.

In view of the same, CERC vide order dated 11.06.19 in petition 9/SM/2018 cancelled the transmission license of DGENTCL. Further, In view of consistent overloading observed on Vav-Popadiya/Sachin-Navsari (GETCO) - Navsari (PGCIL) 220 kV lines, it was agreed in the 2nd WRSCT held on 21.05.19 to take up the implementation of Navsari (PG) – Bhestan 220 kV D/C line as a separate ISTS scheme.

4.3. From the load flow studies, following flows (MW) are observed on Navsari – Navsari (GETCO) 220kV D/c line:

	Base case	N-1
Without 3x400MW DGEN TPS	2x160	247
With 3x400MW DGEN TPS	2x225	346
With 3x400MW DGEN TPS along with Navsari – Bhestan line	2x177	256

4.4. Thus, it can be observed that for effecting the LTA granted from DGEN, the Navsari (PG) – Bhestan 220 kV D/C line shall be required. Further, since DGEN – Navsari 400kV D/c line is of triple conductor, DGEN – Vadodara 400kV D/c line is not required for effecting its LTA.

4.5. **Members may deliberate.**

5. Data requirements from STUs for Transmission Planning

5.1. WRPC (TP) forum has been mandated to ensure development of ISTS system after assessing the generation capacity & demand growth in various parts of the region and to review the upstream & downstream network associated with the transmission schemes.

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The CERC Planning Regulations, 2018 also mandates that Regional Power Committee(s) shall assist in preparation of base case in consultation with STUs/ Distribution licensees of the region.

- 5.2.** In the MoP Order No 15/3/2017-Trans dated 04-11-2019, the ToR of NCT states that *CTU shall also make a comprehensive presentation before the National Committee every quarter for ensuring development of an efficient, co-ordinated and economical inter-State transmission system for smooth flow of electricity.* Accordingly, inputs are required from states for carrying out the above task.

The data requirements from STUs pertain to the following broad categories:

- i) Demand Projection (peak & off-peak, on quarterly & annual basis)
 - ii) Intra-state Generation capacity addition plans along with expected commissioning schedules.
 - iii) Existing and under-construction intra-state transmission network up to 220kV level except NER where data upto 132kV level shall be required.
 - iv) Intra state network augmentation plans of STUs along with expected commissioning schedules.
- 5.3.** States shall be required to provide dynamic model data for state connected power system elements including generations, FACTS devices, HVDCs, etc. in PSS@E standard models.
- 5.4.** The requisite data needs to be provided in standard formats. Accordingly, STUs are requested to nominate primary and alternate contacts for further coordination in this regard.
- 5.5.** Members may discuss

6. LILO of two circuits of 400 kV Bhadravati – Chandrapur-I 2xD/c line at Chandrapur-II – Agenda by MSETCL

- 6.1.** In the 43rd Meeting of Standing Committee on Power System Planning of Western Region held on 11.05.2018, the issue of critical loading on 400 kV Chandrapur– Chandrapur-II D/C line was discussed. In case of the skew dispatch at Chandrapur-I generation, 400 kV Chandrapur-I – Chandrapur-II D/C line is critically loaded resulting in (n-1) constraint. To cater this, flow on Chandrapur I-Padghe HVDC line needs to be restricted, leading to lesser reliability and low voltages at Parli, Lonikhand and Padghe.

- 6.2.** In the 1st Meeting of WRSCT held on 05.09.2018, regarding the issue of overloading of Chandrapur-I – Chandrapur-II 400 kV D/c line during less/nil generation at Chandrapur-I complex, MSETCL stated that with implementation of LILO of Chandrapur-I – Parli 400 kV S/c line at Warora(M) there would be no overloading issues, however, its implementation would take time.

MSETCL further stated that Chandrapur-I – Bhadravati 400 kV 2xD/c line is passing nearby Chandrapur-II S/s and LILO of one circuit of this line at Chandrapur-II would provide additional circuit between Chandrapur-I and Chandrapur-II and solve the overloading issue. Also, the scheme would be implemented in lesser time as it involves erection of one or two towers only. After deliberation, following intra state proposal of MSETCL was agreed.

- (i) LILO of one circuit of Chandrapur-I – Bhadravati 400 kV 2xD/c line at Chandrapur-II

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- 6.3. Now, MSETCL vide their letter no. MSETCL/CO/STU/09587 dated 21.12.2019 has proposed LILO of two ckts. of 400 kV Chandrapur-I – Bhadravati 2xD/c line at Chandrapur-II instead of LILO of one ckt of 400 kV Chandrapur-I – Bhadravati 2xD/c line at Chandrapur-II. The system studies has been carried out by MSETCL with the following alternative cases:

- CASE 1:** i) 2x660 MW Generation at 400 kV Koradi-I s/s
 ii) 220 kV DC cable line from Koradi II-Mankapur s/s
 iii) 400 kV Koradi I-India Bull line LILO at Koradi II s/s

CASE 1a: Case 1 with contingency of 400 kV Chandrapur II-C'pur I ckt I out

CASE 2: Case 1 with 2x500 MW Generation (Unit 5 & 6) at 400 kV Chandrapur-I out

CASE 2a: Case 2 with contingency of 400 kV Chandrapur II-C'pur I ckt I out

CASE 3: Case 2 with LILO of one circuit of 400 kV C'pur-Bhadravati line at C'pur II

CASE 3a: Case 3 with contingency of 400 kV Chandrapur II-C'pur I ckt I out

CASE 4: Case 2 with LILO of two circuits of 400 kV C'pur-Bhadravati line at C'pur II

CASE 4a: Case 4 with contingency of 400 kV Chandrapur II-C'pur I ckt I out

- 6.4. MSETCL is requested to present the studies.

- 6.5. Members may discuss

7. Proposal for Establishment of 132 kV Dharani – Pipalpani line by 2nd ckt stringing along with end bays at 132 Dharni S/s under MSETCL and 132 kV Pipalpani S/s under MPTRANSCO – Agenda by MSETCL

- 7.1. MSETCL vide their letter no. MSETCL/CO/STU/09587 dated 21.12.2019 has intimated that 132 kV Neapanagar (Madhya Pradesh) – Dharni (Maharashtra) SCDC line (Approx. 60 Kms) had been charged successfully on 09-02-2017 in radial mode. Power flow to Maharashtra State on this line has started from 16-02-2017 . The said line forms interconnection between two States i.e. Maharashtra & Madhya Pradesh. The line emanating from 132 kV Neapanagar (M.P.) S/s is interconnected to 132 kV Dharni (M.S.) MSETCL's S/s.

- 7.2. Subsequently, MPPTCL has submitted the proposal to MSETCL for utilization of 2nd ckt of 132 kV Neapanagar – Dharni SCDC line of MSETCL for connectivity of proposed 132 kV Pipalpani S/s, District – Burhanpur, Madhya Pradesh.

In this context, MSETCL has granted in-principle approval for utilization of 2nd ckt of 132 kV Dharni – Neapanagar SCDC line of MSETCL for connectivity of proposed 132 kV Pipalpani S/s of MPTRANSCO.

- 7.3. Now, MSETCL has proposed to establish 2nd ckt stringing of 132 kV Dharani – Pipalpani inter-state line along with end bays at 132 Dharni S/s under MSETCL and 132 kV Pipalpani S/s under MPPTCL. The proposal submitted by MSETCL is attached as Annexure.

- 7.4. Members may discuss.