

Additional Agenda of POWERGRID:

1. Installation of 15MVA (4x5MVA single phase) bus reactor at 132kV level at Melriat (POWERGRID) substation under Palatana and Bongaigaon transmission system

- 1.1. The Palatana-Bongaigaon transmission system inter alia included construction of Melriat 132kV switching station and Silchar (POWERGRID) – Melriat 400kV D/c line (operated at 132kV). Upon review of line length from site, it was decided to install 15MVA (4x5MVA single phase) bus reactor at 132kV level at Melriat (POWERGRID) substation for voltage control as part of the subject scheme. The bus reactor is ready for commissioning.
- 1.2. Members may post facto approve installation of 15MVA (4x5MVA single phase) bus reactor at 132kV level at Melriat (POWERGRID) substation under Palatana and Bongaigaon transmission system.

2. Downstream system development by STUs from the various commissioned and on-going ISTS substations

- 2.1. POWERGRID is implementing 132kV switching station at Melriat along with (a) Silchar – Melriat 400kV D/c line (initially operated at 132kV) (b) Melriat – Sihhmui 132kV D/c line and (c) LILO of Aizawl – Zemabawk at Melriat under Palatana-Bongaigaon transmission scheme. The elements at (a) to (c) are ready for commissioning. However, the downstream network at Sihhmui (Mizoram) S/s which includes installation of 132/33kV ICTs and 33kV lines are not ready.
- 2.2. In view of the above, Mizoram is requested to update the expected commissioning schedule of downstream network at its Sihhmui S/s so as enable utilisation of under construction ISTS system.
- 2.3. The downstream 220kV or 132kV system to be developed by STUs from the various commissioned / on-going ISTS substations is as below:

Sl. No.	ISTS S/s	Voltage ratio, Trans. Cap	Voltage level (kV)	Total no. of line bays	Lines emanating from S/s	No. of circuit	Status of Lines	Scheme
1	Surajmaninagar (TBCB)	400/132kV, 2x315MVA	132	2 - (RfP Schedule Jul 2020)	Surajmaninagar (TSECL) – Surajmaninagar (TBCB)	2	TSECL, Tripura may update and indicate conductor type.	NERSS-V
2	P. K. Bari (TBCB)	400/132kV, 2x315MVA	132	2 - (RfP Schedule Jul 2020)	P. K. Bari (TSECL) – P. K. Bari (TBCB)	2		NERSS-V
3	New Mariani (POWERGRID)	400/220kV, 2x500MVA	220	2 – expected by Jul 2020	New Mariani (POWERGRID) – Mariani (Assam)	2	AEGCL, Assam may update and indicate conductor type.	NERSS-VI

4	New Kohima (TBCB)	400/220kV, 2x500MVA	220	2 - (RfP Schedule Jul 2020)	New Kohima (TBCB) – New Kohima (Nagaland)	2	Nagaland may update and indicate conductor type.	NERSS-VI
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2.4. The downstream intra-state system mentioned above should be ready in matching time frame and states of NER should expedite the works at their substation. States may update status of respective 220kV or 132kV transmission line.

3. Closure of 66MW and 120MW connectivity granted to Adishankar Khuitam Power Pvt. Ltd. and KSK Dibbin Hydro Power Pvt. Ltd. respectively

3.1. Adishankar Khuitam Power Pvt. Ltd. (AKPPL) and KSK Dibbin Hydro Power Pvt. Ltd. (KSKDHPPL) were granted Connectivity for 66MW and 120MW to ISTS for their Khuitam HEP (3x22MW) and Dibbin HEP (2x60MW) respectively in Arunachal Pradesh vide CTU intimation dated 02-03-2012 and revised intimation dated 09-10-2012 with start date of Connectivity as Oct'16 and May'17 respectively.

3.2. Further, CTU vide intimation dated 08-06-2012 and 09-10-2012 granted 58MW and 120MW LTA to M/s AKPPL and M/s KSKDHPPL with start date of LTA as Jul'16 and May'17 respectively, subject to availability of associated transmission system.

3.3. In 8th Connectivity and LTA meeting of NER held on 18-11-2015, it was proposed that applications of generation projects which are yet to make any significant progress may be closed. Accordingly, CTU vide letter dated 04-02-2016 directed M/s AKPPL and M/s KSKDHPPL to sign necessary Connectivity / LTA Agreement within 15 days failing which their granted connectivity and LTA may be revoked.

3.4. The above matter was referred to CERC under Petition No: 96/MP/2015 and in accordance with CERC's order dated 08-03-2017 in the said petition, CTU vide letters dated 30-11-2017 has revoked LTA of 58MW and 120MW granted to Adishankar Khuitam Power Pvt. Ltd. and KSK Dibbin Hydro Power Pvt. Ltd. for Khuitam HEP and Dibbin HEP respectively. Therein, it was also mentioned that M/s AKPPL and M/s KSKDHPPL have failed in their duty to coordinate with CTU in terms of Section 10(3)(b) of the Electricity Act, 2003. As to the best of information available with CTU, these generation projects have not shown any substantial progress, accordingly it was mentioned that the connectivity granted to these projects shall be liable for revocation if they fail to submit on affidavit that sufficient progress of generating stations have been achieved and connectivity is likely to be put to use in the next 1-2 years.

3.5. Pursuant to above, M/s AKPPL vide letter dated 31-01-2018 has informed that expected commissioning schedule of U-I, U-II & U-III are Feb'22, Mar'22, Apr'22 respectively. Further, M/s KSKDHPPL vide letter dated 10-12-2017 and

22-12-2017 has informed that expected commissioning schedule of U-I & U-II are Sep'22 and Dec'22 respectively.

- 3.6. Keeping in view of the above, it is observed that Connectivity granted to the above generation project developers shall not be put to use in reasonable future period of 1-2 years. It has been observed by Hon'ble CERC in its various orders that if a generation developer acquires connectivity and takes no action towards project development for a long period of time then the connectivity granted cannot be allowed to continue *ad infinitum* (i.e. for perpetuity). Accordingly, it is proposed that Connectivity granted to M/s AKPPL and M/s KSKDHPPL for their respective generation project mentioned above in Arunachal Pradesh may be revoked / withdrawn.
- 3.7. Members may discuss.

Additional Agenda of TSECL :

4. Up-gradation of TSECL existing Surjamaninagar 132 kV Sub-station to 400 kV.
5. Termination of existing 400 kV Palatana - Surjamaninagar Transmission Line at TSECL Surjamaninagar 400kV Sub- station along with linking of TSECL Surjamaninagar 400 kV Sub-station to TBCB Purba Noagaon 400 kV Sub-station to be constructed by Power Grid as ISTS.
6. Existing Surjamaninagar - Comilla 400 kV connectivity to be continued from TSECL Surjamaninagar 400 kV Sub-station.
7. Re-routing of 132 kV D/C Transmission Line from R.C Nagar (NEEPCO) to P.K Bari (TSECL) under TBCB through TSECL existing Bodhjungnagar 132 kV Sub-station.