

Eastern Regional Power Committee, Kolkata

Minutes of Special Meeting to review the limit of maximum power flow through 400kV Rangpo – Siliguri D/c line in respect of Rangpo SPS held on 29th March, 2017 at ERPC, Kolkata

List of participants is at **Annexure-A**. Member Secretary, ERPC welcomed all the participants to the special meeting. He informed that this special meeting was convened in continuation to the special meeting held on 14.10.2016 and 30.11.2016 at ERPC, Kolkata to review the limit of maximum power flow through 400kV Rangpo – Siliguri D/c line in respect of SPS at 400kV level at Rangpo S/s for reliable power evacuation. It was informed that the meeting was convened on the request of Teesta Urja after the declaration of COD of their all six units. Following issues were discussed:

1. Progress of Rangpo – Kishanganj 400kV D/c (Quad) line:

Teesta valley Power Transmission Ltd. (TPTL) updated the progress of Rangpo – Kishanganj 400kV D/c (Quad) line as given below:

	Total	Completed
Locations/Foundation	591	521
Erection	591	511
Stringing	215km	145km

It was informed that the work is getting delayed due to severe ROW issues nearby Darjeeling (Gorkhaland) area. During the meeting held on 30.11.2016, it was intimated that the line would be completed by March 17. However, the line is now expected to be commissioned by October, 2017 as mentioned by TPTL.

On query, it was informed that contract was awarded in November, 2009 but the work got delayed due to land issues and finally the work started in 2012 after the MoU with Govt. of West Bengal and Govt. of India.

Members present took serious note on delay in commissioning of the line and urged Teesta Urja, as majority shareholders, to have effective interaction with Teestavalley Power Transmission Ltd. (TPTL) for honouring the schedule of October,2017.

2. Status of Teesta-III - Rangpo 400 kV D/C line:

TPTL informed that one ckt of 400 kV Teesta-III- Rangpo (direct ckt) has been commissioned and Teesta-III power is getting evacuated through this line.

While the other ckt of 400 kV Teesta-III-Rangpo line LILOed at Dikchu is ready but the Dikchu-Rangpo section of line could not be charged due to clearance problem near to one Church. It was intimated that the matter will be resolved by 4th April,2017 in a joint meeting with all concerned parties.

3. Review of limit on maximum power flow through 400 kV D/C Rangpo-Siliguri line for Rangpo SPS

Teesta Urja Ltd. (TUL) informed that as per the decision of special meeting of 30.11.2016 the limit of maximum power flow through the said line may be enhanced to accommodate more power of Teesta-III.

MS, ERPC stressed upon the completion of 400 kV Rangpo-Kishangunj line and expressed that the enhancement of limit on maximum power flow through the 400 kV Rangpo-Siliguri D/c line needs to be reviewed only when 400 kV Rangpo-Kishangunj line gets ready. As long as TUL is not facing any problem to evacuate its market cleared energy quantum with the present set limit, frequent revision of the same will not be justified..

CTU/Powergrid also informed that in India till date none of such type of line was loaded upto 1500 MW. Further, Powergrid added that this line passes through highly hilly terrain and the line may be loaded judiciously.

GM, ERLDC informed that presently the NoC of TUL has been enhanced upto 900 MW since 24th March, 2017 for two days and thereafter 1200 MW during off-peak hours. However, the NOC during peak hours was 600MW. Further, he added that no energy has yet been wasted from any of the HEPs of Sikkim.

ERLDC presented the power flow through the 400 kV Rangpo- Siliguri D/C line and it was informed that recently the maximum power flow of 1440 MW (approx) has been reached through this line.

Further, ERLDC assured that the efforts would be made for scheduling total energy available from all the HEPs of Sikkim (i.e. Teesta-III, Dikchu, Jorethang, Chuzachen). However, ERLDC stressed the need for intimation of their respective energy content and reservoir level well in advance. It was also reiterated that since all the above four stations are presently despatching in PX platform a separate bid area may be formed for these four stations subject to the limits of transfer on Rangpo-Binaguri 400kV D/C.

It was informed by CTU that till date the said line or any D/C Twin moose line has not been loaded upto the maximum limit of 1500 MW.

After detailed deliberation it was decided that first the line should carry 1500 MW for considerable time and if within this limit all the available energy gets scheduled by ERLDC then no review on maximum power flow will be done in near future.

Further, on query ERLDC informed that for the present SPS of 750 MW reduction there is no need of load rejection. However, for any further increase in load rejection we may require load rejection scheme.

4. Testing of Rangpo SPS

ERLDC informed that as per the decision of 131st OCC, the SPS was tested on 24.03.2017 and the response time of Generators are as follows:

- a) Teesta-III: 130 ms
- b) Jorethang: 1.2 sec for SPS receipt
- c) Chuzachen: 2.1 sec & 3.3 sec

The response time of Jorethang and Chuzachen needs to be reviewed and they should respond faster.

5. Status of Tashideng HEP

Tashideng representative informed that their unit is ready for generation but the associated transmission system is not ready. The status of associated lines is as follows:

- (a) Tashideng – Legship 220kV D/c line – under the scope of Tashideng-- is ready
- (b) Legship- N. Melli 220kV D/c line- under Sikkim comprehensive scheme being executed by Powergrid under consultancy works—expected by May, 2017.

It was informed that the 220 kV Legship-N. Melli line is getting delayed due to RoW clearance problems.

After detailed deliberation, it was decided that a coordination meeting may be convened with Tashideng, Powergrid, Sikkim, CEA and CTU at ERPC, Kolkata.

Meeting ended with vote of thanks to the chair.

Participants in Sp. meeting for reviewing the SPS at 400kV level at Rangpo S/S

Venue: ERPC Conference Hall, Kolkata

Time: 11:30 hrs

Date: 29.03.2017 (Wednesday)




Sl No	Name	Designation/ Organization	Contact Number	Email	Signature
1	PARDEEP JINDAL	CE/CEA	9818768460	jindal.parddeep@yaho.co.in	Jindal
2	A. U. Bandyopadhyay	MS/ERPC	9433068533	msrpe-power@nic.in	A. U. Bandyopadhyay
3	U.K. Verma	POSOCC/NERDC	8902496220	ukverma@posoco.in	U. K. Verma
4	P. Mukhopadhyay	POSOCC/NERDC	9869480073	pmukhopadhyay@posoco.in	P. Mukhopadhyay
5	S. BANERJEE	DEM, POSOCO, ERLDC	9433041823	swajit.banerjee@posoco.in	S. Banerjee
6	ANJAN KR DAS	CM, POWERGRID	9434740029	anjandas@powergridindia.com	Anjan K. Das
7	ASHOK PAL	CM (CTU-P&T) POWERGRID	9810378105	ashok@powergridindia.com	Ashok Pal
8	T. Nageswara Rao	MID	9810004304	nagenndraro@danseenergy.com	T. Nageswara Rao
9	P. C. SHARMA	President	9810096455	pravin.sharma@danseenergy.com	P. C. Sharma
10	D. Fogai	Head-DEM Chugachan HEP	8170005692	devajyoti.fogai@jatiindia.com	D. Fogai
11	M. K. Thakur	ERLDC	9432357832	manoj.thakur@posoco.in	M. K. Thakur
12	Saurav Sahay	ERLDC	9432013173	sahay.saurav@gmail.com	Saurav Sahay
13	T. R. Mohapatra	ERLDC	9433041873	t.r.mohapatra@gmail.com	T. R. Mohapatra
14	P. P. Jena	ERPC	9776198991	ppjena.erpc@gov.in	P. P. Jena
15	D. K. Bauri	EE, ERPC	9883617236	eeof.erpc@gov.in	D. K. Bauri
16	D. P. Bhargava	TUL	9958833995	dpbhargava@gmail.com	D. P. Bhargava
17	MSP RAO	TUL	8130549669	msp@ternterj.com	M. S. Rao
18	SK BHOWMICK	TPTL	9958008265	swapan.b@tuptl.com	S. K. Bhowmick
19	VIJAY KUMAR AHUJA	Dikhu HEP	9959222836	vijaya@greentogroup.com	V. K. Ahuja
20	R. K. Choudhary	Dikhu HEP	9988542955	rkchoudhary@pnl.com	R. K. Choudhary

Participants in Sp. meeting for reviewing the SPS at 400kV level at Rangpo S/S

Venue: ERPC Conference Hall, Kolkata

Time: 11:30 hrs

Date: 29.03.2017 (Wednesday)

Sl No	Name	Designation/ Organization	Contact Number	Email	Signature
21	MANOJ TANWAR	GREENKO	9958359166	manojkumar.t @greenko.org.in	
22	RAS PRATIM KUNDU	ERLDC	9903329591	raspratin@posoco. in	
23	N.K. OTHAK	POWERGRID	9434740031	nrkoldare@yahoo .co.in	
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					