

Eastern Regional Power Committee, Kolkata

Minutes of SPS Review Meeting held at 15:00hrs on 8th March 2019 at ERPC, Kolkata

List of participants is at **Annexure-A**.

Member Secretary, ERPC chaired the meeting and he welcomed all the participants in the meeting. He informed that in 154th OCC Meeting held on 21st February 2019, OCC decided that a committee with members from Powergrid, Teesta-III, Teesta V, Dikchu, Dansenergy, Chuzachen, ERLDC and ERPC would study the requirement of SPS for safe evacuation of Sikkim hydro power and place the report in next OCC Meeting. He added that Powergrid has requested for shutdown of 400 KV Rangpo-Binaguri-D/C (Twin Moose) for conductor replacement work.

Committee members opined that no SPS is required for evacuation of Sikkim hydro power after completion of reconductoring work of 400 KV Rangpo-Binaguri-D/C (Twin Moose) with Twin HTLS conductor. However, SPS is required during the reconductoring of work of 400 KV Rangpo-Binaguri-D/C line for safe evacuation of Sikkim hydro power.

Teesta-III, Dikchu, Dansenergy and Chuzachen requested to complete the reconductoring work by April 2019 so that they could generate up to full capacity during maximum water availability from May 2019.

After detailed deliberation, Committee decided to allow the shutdown of 400 KV Rangpo-Binaguri-D/C (Twin Moose) line for the reconductoring work as per the following schedule:

- Powergrid shall avail the shutdown of both the circuits of 400 KV Rangpo-Binaguri-D/C (Twin Moose) line at the earliest to start the reconductoring work and complete the reconductoring work of both the circuits in all the critical locations by 31st March 2019.
- In case of any severe contingency in healthy transmission network (400kV Rangpo-Kishanganj-Teesta III and 400kV Teesta-III-Dikchu-Rangpo line), Powergrid shall restore one circuit of 400 KV Rangpo-Binaguri-D/C line within 24 hours.
- From 1st April 2019, Powergrid shall carry out the reconductoring work in one circuit at a time. Other circuit would be under shutdown for the safety purpose. In case of tripping of 400kV Rangpo-Kishanganj and 400kV Teesta III- Kishanganj line Powergrid shall restore one circuit of 400 KV Rangpo-Binaguri-D/C line immediately.
- Powergrid will submit the detail work plan program along with a bar chart to ERPC and ERLDC.
- Powergrid shall complete the reconductoring work of 400 KV Rangpo-Binaguri-D/C line by 9th May 2019.

Teesta III informed that cables have been used in some portion of 400kV Teesta III-Kishanganj line which would limit the total power flow in the line to 2000 A.

After detailed deliberation, Committee decided to implement the following SPS scheme during the shutdown of 400 KV Rangpo-Binaguri-D/C line for safe evacuation of evacuation of Sikkim hydro power:

- One unit of Teesta-III, Teesta V, Dikchu, Jorethang, Chujachen and Tashiding shall be tripped, in case of tripping of 400kV Teesta 3 – Kishanganj line.
- Two units of Teesta-III and one unit each at Teesta V, Dikchu, Jorethang, Chujachen and Tashiding shall be tripped, in case of tripping of 400kV Rangpo – Kishanganj line

Powergrid was advised to implement the SPS scheme within 15 days.

It was decided to review the work progress on reconductoring work of 400 KV Rangpo-Binaguri-D/C line and performance of SPS in monthly OCC Meetings.

Meeting ended with vote of thanks to the chair.

ERPC::KOLKATAATTENDANCE SHEETSPECIAL MEETING ON REVIEW OF SPS SCHEME AND SHUTDOWN OF 400KV RANGPO-BINAGURI D/C LINE

VENUE: ERPC CONFERENCE ROOM, KOLKATA

TIME: 15:00 HRS

DATE: 08.03.2019 (FRIDAY)

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