

Eastern Regional Power Committee, Kolkata

Minutes of Special Meeting for “Reviewing the removal of interim LILO connectivity of Vedanta Ltd” held on 14th July, 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 on short notice to review the removal of interim LILO of Vedanta Limited.

Member Secretary briefed---

In the 134th OCC of ERPC held on 23.06.17 GRIDCO/OPTCL informed that 7 No. of towers of 400KV Vedanta-Meramundali D/C line have been severely damaged due to whirlwind and cyclonic storm on 15-06-2017 night between Location No.7-0 to 8-0. As a result, GRIDCO could not avail State share of power through the said line and is solely dependent on LILO connectivity to avail IPP power from M/s. Vedanta Limited.

In view of the above, OCC agreed to extend the LILO connectivity of Vedanta till 15th July, 2017. It was also decided that the removal of LILO could be reviewed subject to the completion of dedicated line as per the latest schedule i.e. by 15th July, 2017.

MS requested OPTCL/Vedanta to update the status of dedicated line.

CTU representatives stated that as per the decision of 35th ERPC the interim LILO of M/s Vedanta was to be opened by CTU on 16th April, 2017 but they have not received any communication regarding non-opening of LILO from ERPC.

MS, ERPC pointed out that the LILO of Vedanta was allowed to continue since last 7-8 years even though it was an interim arrangement. Therefore 35th ERPC was compelled to decide for opening of the LILO from 16.04.2017, post 35th ERPC the scenario has changed. ERPC had taken up it to the highest level and the dedicated line is almost 90-95 % ready. Therefore opening of LILO at this juncture and that too by exposing Odisha to a non-comfortable position would not be a solution. So Member Secretary on behalf of ERPC has taken the decision to continue the LILO and thereby CTU was not advised to open the LILO.

Further, he added that the information on extension for LILO opening was intimated to each of CERC/ CEA/ CTU/ ERLDC/ GRIDCO/OPTCL vide mail dated 12.04.2017 and subsequent letters dated 05.06.17 & 04.07.17. So the CTU's claim for non-receipt of information is totally not tenable.

The removal of LILO was continuously reviewed taking in consideration with OPTCL / GRIDCO connectivity with Vedanta in every OCC meetings. Now the line is almost ready and expected by 30th July,2017.

GRIDCO informed that the work is in progress and placed the detailed status as given below:

Activities	Nos	Status as on 14.07.2017
Tower Foundation	64	64
Tower Erection	64	64
Stringing	20.5 Km	17.6 km completed
Bay at Sundargarh	2	2

.Further, OPTCL informed that out of 20.5 Km the balance 2.9 Km is inclusive of hot stringing of 1.0 Km for which shutdown request have been placed to ERLDC and stringing will be carried out as per the availability of shutdown of following lines:

- 1) 400KV Rourkela-Sundargarh – II
- 2) 400KV Sterlite-Raigarh-II
- 3) 400KV Rourkela-Sundargarh – I
- 4) 400KV Rourkela-Raigarh –II (Direct ckt)
- 5) 400KV Raigarh-Sundargarh – I
- 6) 400KV Raigarh-Sundargarh - II

On query, Vedanta intimated that the manpower and material is ready for carrying out the hotline stringing. He further clarified that as all the above six lines are crossing their dedicated line, the hotline stringing will be done by taking the shutdown of two lines together for 3-3 days which is as given below:

- 1) 400KV Rourkela-Sundargarh – II along with 400KV Sterlite-Raigarh-II
- 2) 400KV Rourkela-Sundargarh – I along with 400KV Rourkela-Raigarh –II (Direct ckt)
- 3) 400KV Rourkela-Sundargarh – II along with 400KV Raigarh-Sundargarh – II
- 4) 400KV Rourkela-Sundargarh – I along with 400KV Raigarh-Sundargarh - I

For the balance 1.9 Km stringing, two gangs are available at site and the material will be available at site by 15.07.17. So, the balance stringing work which is in two stretches of 1.068 (from bay to Loc 2/0) & 0.760 Km (Loc 7/0 to 8/0) will be carried together and is expected to be completed by 27th /29th July, 2017 considering all the margins.

ERLDC clarified that the shutdown required for hotline stringing involves the consent of WR and advised Vedanta to place the shutdown request via SLDC, Odisha to ERLDC at the earliest for further transmission to WRPC for their consent.

It was also requested to Member Secretary, ERPC to take up the issue with his counter part in WRPC for their consent.

After detailed discussion it was decided that Vedanta will place the shutdown request w.e.f 19.07.2017 for their hotline stringing.

Powergrid-Odisha pointed that some important works including the work of finalizing PLCC carrier frequency, wave trap, coordination of relay settings at both ends of the line, integration of RTU data of the bays at Sundergarh with ERLDC SCADA etc. are pending at 400 kV Sundargarh (Jharsuguda) S/s which needs to be taken up simultaneously for commissioning of line in timely manner. Moreover, prior to commissioning of bays Bus stability test needs to be carried out for which shutdown of 400kV Bus-1 at Sundergarh (Jharsuguda) and help from Siemens would be required.

ERLDC stressed that the existing SPS of Vedanta needs reviewing to take care of sudden load throw off as also tripping of units for restricting power flow in 400kV Vedanta – Meramundali / Vedanta-Jharsuguda line particularly in case of outage of any of the outgoing lines.

After detailed discussion, it was decided that Vedanta should complete the line construction and bay works by 30th July, 2017. Accordingly, Vedanta should apply beforehand for RIO/CEA inspection in 1st week of August, 2017. The target date for charging the dedicated 400 kV Vedanta- Jharsuguda D/C line should be 12th August, 2017. It was also decided that the LILO of Vedanta Ltd may be disconnected from 16th August, 2017.

Further, Vedanta was advised to follow the following list of activities for timely completion of dedicated 400 kV Vedanta- Jharsuguda line.

- Apply for revised shutdown for hot line stringing from 19th July to 30th July, 2017.
- Wave trap /Isolator are to be installed & tested at 400 kV Jharsuguda S/s.
- Apply for shutdown of 400 kV Jharsuguda bus for bus-bar stability testing.
- Pending civil works in respect of bays at Jharsuguda S/s are to be completed
- Siemens and SCADA engineer to be coordinated for establishing SCADA and data communication for Vedanta bays at Jharsuguda (Sundergarh) S/s to ERLDC.
- Protection co-ordination for the new dedicated line is to be done in co-ordination OPTCL / PGCIL.
- Advance application is to RIO/CEA for inspection of the line and bay. The tentative date of inspection should be by 1st week of August.
- Advance shutdown schedule is to be intimated for opening of LILO connection and switching to dedicated line.
- Coordination with Sundergarh (PGCIL) and ERLDC for charging of the dedicated line.
- The target date for charging the dedicated line is 12th August, 2017.

On query about restoration of 400 kV Vedanta-Meramendali D/C line, OPTCL informed that during survey it was found that 2 nos of DA type tower have been completely damaged including stub and another 3 nos tower from top to bottom cross arm have been damaged. It was informed that some ROW issue has also arisen at Loc. No. 8/0. OPTCL informed that after considering all the factors like availability of materials, ROW issues etc. the restoration work is expected to be completed by 15th August, 2017.

Meeting ended with vote of thanks to the chair.

Special meeting for reviewing the removal of interim LILO connectivity of Vedanta Ltd

Venue: ERPC Conference Hall, Kolkata

Time: 12:00 hrs

Date: 14.07.2017 (Friday)

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