

**Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building,
36-Janpath, New Delhi -110001
Tel: 23353503 Fax: 23753923**

No. Engg/Tr. Pricing/Validation/L-1/44/2010/CERC

Dated: 29/08/2012

To,

The Members of the Validation Committee and Generating Companies

(as per list)

Subject: Minutes of the sixth Meeting of the Validation Committee for the year 2012-13, for the implementation of CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2010.

Sir,

Please find enclosed herewith the minutes of the sixth Meeting of the Validation Committee for the year 2012-13, for the implementation of CERC (Sharing of inter-State Transmission Charges and Losses) Regulations, 2010 held on 22nd August, 2012 in the NRLDC Conference Room at New Delhi, for information and necessary action.

Sd/-
(Vijay Menghani)
Jt. Chief (Engg)

Encl: As above.

Copy to:

Secretary, CERC

Members of the Validation Committee

Sl. No.	Name of the Organizations	Name of the nominated persons	Address
1.	CERC	Shri Pankaj Batra, Chief (Engg.)/ alternate member Shri Vijay Menghani, Joint Chief (Engg.)	Central Electricity Regulatory Commission 3 rd & 4 th Floor, Chanderlok Building, 36-Janpath, New Delhi -110001
2.		Shri P.K. Awasthi, Joint Chief (Fin.)	-Do-
3.	CEA	Shri Ravinder Gupta Director, SP&PA Division	Central Electricity Authority 3 rd Floor, N-Wing Sewa Bhawan, R.K. Puram, New Delhi - 110 066
4.		Shri C. Shanmugam Director, GM Division	Central Electricity Authority -Do-
5.	CTU/ POWERGRID	Shri N.K.Jain, GM (Comm.)/ alternate member Shri Prashant Sharma, GM (Comm.)	Power Grid Corporation of India Ltd Plot No. 2, Sector-29, Near IFFCO Chowk, Gurgaon-122001
6.		Shri Dilip Rozekar, DGM (SEF)/ alternate member Shri RVMM Rao, Ch. Design Engineer (SEF)	Power Grid Corporation of India Ltd Plot No. 2, Sector-29, Near IFFCO Chowk, Gurgaon-122001
7.	POSOCO	Shri V.V. Sharma, General Manager	Northern Regional Load Despatch Centre 18-A Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-110016
8.		Shri P.R. Raghuram, General Manager	Southern Regional Load Despatch Centre 29, Race Course Cross Road, Bangalore, Karnataka-560009
9.		Shri V.K. Agarwal, General Manager	National Load Despatch Centre 18-A Shaheed Jeet Singh, Marg, Katwaria Sarai, New Delhi-110016
10.		Shri U.K. Verma, General Manager	Eastern Regional Load Despatch Center 14, Golf Club Road, Tollygunge, Kolkata-700 033 (W.B.)
11.		NRPC	Shri P.S. Pahwa, Member Secretary
12		Shri Ravinder Singh, Punjab State Transmission Corporation Ltd.	Punjab State Transmission Corporation Ltd (PSEB head office) The Mall, Patiala – 147001

13.	WRPC	Shri S.D. Taksande, Member Secretary (I/C)	Western Regional Power Committee Plot No. F-3, MIDC Area, Marol, Opp : SEEPZ, Andheri (East), Mumbai-400093
14.		Shri A.P. Bhairave, Chief Engineer (LD), MPPTCL	Chief Engineer (LD), MPPTCL Shakti Bhawan, Jabalpur-482008.
15.	SRPC	Shri S.R. Bhatt, Member Secretary (In-Charge)	Southern Regional Power Committee 29, Race Course Cross Road, Bangalore-560009, Karnataka
16.		Director (Transmission), KPTCL	KPTCL, Cauvery Bhavan, K.G. Road, Bangalore-560009
17.	ERPC	Shri A.K. Bandyopadhyay, Member Secretary (In-charge)	Eastern Regional Power Committee, 14, Golf Club Road, Tollygunge, Kolkata-700 033 (W.B.)
18.		Shri T.T. Jha, Member (Transmission),	Bihar State Electricity Board 1 st Floor, Vidyut Bhawan, Bailey Road, Patna-21, (Bihar)
19.	NERPC	Shri A.K. Mishra, Member Secretary (In-charge)	North Eastern Regional Power Committee Meghalaya State Housing Finance Co- Operative Society Ltd. BLDG., Nongrim Hills, Shillong-793003, (Meghalaya)
20.		Shri Jatin Baishya, Senior Manager,	State Load Despatch Centre Complex Kahelipara, Guwahati

LIST OF GENERATING COMPANIES(Invitee)

Sl. No.	Name of the Statutory Bodies	Name of the persons and Designation	Address
1.	NTPC	Shri Inderjit Kapoor, Director (Commercial)	NTPC Bhawan, Core 7, Scope Complex, Institutional Area, Lodhi Road, New Delhi – 110003
2.	NHPC	Shri S.K. Agarwal, Executive Director (O&M)	NHPC Office Complex, Sector-33, Faridabad – 121003 (Haryana)
3.	NEEPCO	Shri N.K. Chakraborty, Executive Director	Brookland Compound, Lower New Colony, Shillong – 793003
4.	NLC	Shri Sekar K, Director (Commercial)	No.135, Periyar E.V.R. High Road, Kilpauk, Chennai - 600 010. Tamil Nadu, India.
5.	SJVNL	Shri R.K. Agrarwal, General Manager (Commercial)	SJVN, IRCON Building, Ground Floor, Saket, New Delhi-110017

CENTRAL ELECTRICITY REGULATORY COMMISSION
(ENGINEERING DIVISION)

**Minutes of the 6th Validation Committee Meeting for the second half of the year
2012-13 held on 22nd August, 2012 at NRLDC, New Delhi**

The list of the participants is enclosed as "Annexure-1".

1. Chairman of Validation Committee Sh. Pankaj Batra, Chief (Engineering), CERC welcomed the participants at NRLDC and other RLDCs who were attending the meeting through teleconference. He invited comments of the DICs on the data submitted and emphasized that last 3 years data has been considered by the validation committee and if there is any change, the reason of the same may be given otherwise the changes would not be considered.
2. Chief (Engineering), CERC asked Power Grid to give status of petitions of transmission elements which were to be filed in the CERC for inclusion of YTC during the validation period. Power Grid intimated that out of 12 petitions they have already submitted six petitions and remaining would be submitted by the end of August, 2012.
3. Power Grid emphasized that the generator's COD date be correctly given by the stake holder as there would be under recovery of POC charges if generating stations does not come in time.
4. Power Grid stated that POC per MW depends on generation schedule of IPP and during the last validation period due to non-availability of 3000 MW, the revenue of the Power Grid was affected. Therefore he requested that the date of the commercial operation of generating stations may be accurately given during the validation.
5. Power Grid stated that during last six months the expected revenue was about Rs148 crore in the SR whereas they were able to recovery around Rs 125 crore. Hence uncertainties should have to be avoided.

Comments of constituents on proposed Load generation balance

Karnataka

1. Karnataka stated that the generation during period October, 2012 to March, 2013 may be taken as 5197 MW for POC calculation. Karnataka also requested that figures of non-conventional energy include NEW generation data should also be considered.
2. Karnataka stated that the figures taken from CEA website are not correct as it reflect net generation. It was clarified to them that it was gross generation. Karnataka stated that they have state wise gross generation and net generation available. They were asked to submit this to CEA representative and to CERC & NLDC.
3. SRPC secretariat stated that generation forecast of 5197 MW and Load Forecast for 7285 MW may be considered for Karnataka.

Andhra Pradesh

- 1 Andhra Pradesh Stated that the generation forecast for October, 2012 to March, 2013 may be considered as 7315 MW against NLDCs figure of 6700 MW. This includes interstate purchases in long term and in medium term. It was intimated that generation of Simadhari Stage-1 has been included in Andhra as the entire allocation is done to the state and Simadhari Stage-II has been treated as ISGS.

GRIDCO

1. GRIDCO stated that their projection of load may be considered as 2909 MW against 2684 MW projected by NLDC. They intimated that 64 MW of Nav Bharti Venture Ltd. will be available by September, 2012 and accordingly 80% may be considered. For 350 MW of GMR, it would be available in October 2012 and hence 50% of capacity needs to be considered.

THDC

1. THDC has proposed generation of 306 MW & 115 MW for Tehri and Koteshwar HEP against earlier estimates of 283 and 98 MW respectively. It was accepted with minor change based on inflow estimates.

TamilNadu

- 1 Chief (Engineering), CERC intimated that Tamil Nadu has raised two issues one for MAPs and second LANCO charges
- 2 SRPC stated that for LANCO station, POC charges are Rs.75,000/- per MW whereas for MAPs POC charges are 1 lac per MW and MAPs uses 220kV network of Tamil Nadu. Tamil Nadu is getting wheeling charges of power @ 2.5 paisa per unit and suggested that the POC charges for MAPs should be same as that of LANCO. NLDC gave example of Narora Atomic Dam Station NAPS in which evacuation system UP is being utilized for evacuation of power for NAPS and those lines are NRPC certified lines and form the part of ISTS. SRPC may also certify lines evacuating power from MAPs.
- 3 Tamil Nadu concerned is that they are incurring losses. For use of their own lines, Tamil Nadu is paying. Chief (Engineering), CERC decided that this issue needs to be discussed separately.
- 4 On the issue of charging LANCO for both injector charges of SR and withdrawal charges of NR & WR due to its LTA in their region, Power Grid representative confirmed.
- 5 SRPC intimated that though generation forecast has been 5230 MW whereas Tamil Nadu claims that generation of 6600 MW and demand of 11000 MW against earlier estimate of 10000 MW be considered. Tamil Nadu was asked to submit justification.

NLDC

1. On the issue of nominating NLDC as implementing agency, it was intimated that order of implementing agency is being issued by CERC shortly.
2. NLDC intimated that scaling has to be done as generation is about 88980 MW and demand about 76600 MW. After considering losses, up scaling of demand of over 7000MW needs to be done.
3. NLDC intimated that the transmission elements of NETCL, JPL and Torrent should also be considered. It was decided that petitions submitted in CERC would be taken up at priority and provisional order for YTC shall be

made available within first week of September and POC calculation shall freeze by 15th September, 2012.

Following changes were approved in the generation capacity to be considered for load flow study:

MEIJA B

The COD of the unit was achieved in August, 2012 and 80% capacity may be considered. NLDC wanted to know whether MEIJA B would be able to generate to its full capacity or due to fuel shortage the generation would be lesser. It was decided that based on the generation target given to MOP/CEA, the capacity may be considered and if there is no commitment by the generator, 80% shall be considered as per POC Regulation. However DVC was advised to communicate within next three days else 80% would be considered.

Kodarma-II

80% has been considered, whereas the unit may not come till March, 2013 hence this unit shall be excluded from POC calculation.

DSTPC-II

The COD is expected in October so 50% generation capacity will be considered.

Corporate

The unit is likely to come in October so 50% generation capacity shall be considered.

Adhunik Power

50% generation capacity was considered. However unit is expected in September so 80% would be considered.

GMR

GMR unit is likely to come in October ,2012 so 50% capacity will be considered in place of 80% earlier considered.

Gujarat Coastal

Both units commissioned hence 80% capacity will be considered.

NER

1. The elements of Silcher-Bongaigaon has not yet commissioned hence it should be excluded from the POC.
2. It was also decided that lines which are to be considered, the details shall be shared with all the constituents. NLDC shall coordinate so that accuracy of data is ascertained.
3. For Paltana Gas Project though they won't be any issue on availability of gas but there would be constraints of evacuation.
4. Till Byrnihat Line is commissioned generation of Palatana would be limited. Silcher - Bongaigaon link will not be available, hence it will not be consider for calculation of POC.

GENERAL

1. It was decided that all the exercise of POC calculation shall be done by 15th September, 2012.
2. NLDC requested that for this all petitions may be filed by PGCIL before end of the month and provisional tariff order may be issued as early as possible.
3. Railway is also having allocation in NR hence the demand of railway is also be considered.
4. Chief (Engineering), CERC asked NLDC to complete the Load Flow and POC calculation can be done immediately after commercial data and order are available.
5. NLDC/RPCs to get confirmation from the generating companies for COD of the Units.

LIST OF PARTICIPANTS

Sixth meeting of the Validation Committee for Sharing of inter-State Transmission Charges and Losses Regulations, 2010, held on 22.08.2012 in NRLDC, New Delhi.

CERC

1. Shri Pankaj Batra, Chief (Engg.)
2. Shri Vijay Menghani, Joint Chief (Engg)
3. Shri Vikram Singh Dy. Chief (Engg.)
4. Shri M. M. Chaudhari, Assistant Chief (Finance)
5. Shri Satish Chander, Sr. Technical Officer

CEA

6. Shri Ravinder Gupta, Director

POWERGRID

7. Shri Mahender Singh, ED (Commercial)
8. Shri N. K. Jain, GM (Commercial)
9. Shri Prashant Sharma, Addl. GM (Comml.)
10. Shri R. V. Madan Mohan Rao, CDE (SEF)

NLDC

11. Shri S.S. Barpanda, DGM
12. Shri S.C. Saxena, Chief Manager
13. Shri Mohit Joshi, Engineer
14. Shri Gaurav Verma, Engineer
15. Ms. Vaishally Bhardwaj, Engineer

SLDC

16. Sh. P.A.R. Bende, CE
17. Sh. Prashant Kumar Das, Manager, SLDC

NRLDC

18. V.V. Shrama, GM

ERLDC

- 19. U. K. Verma, GM
- 20. D. K. Srivastava, AGM
- 21. P. S. Das, Chief Manager
- 22. S. P. Baranwal, Chief Manager
- 23. M. K. Thakur, Sr. Engineer
- 24. S. K. Sahay, Engineer

NRPC

25. Anzum Parwej, EE

ERPC

26. B. Sarkhel, Supdt. Engineer (PS)

WRPC

- 27. P.D. Lone, EE
- 28. L.K.S Rathor, EE
- 29. S. D Taksande, MS

NERPC

30. S.K. Ray Mohapatra

NHPC

- 31. J.R. Chaudhary, CE(E), O&M
- 32. Tulika Sinha, Dy. Manager

NTPC

- 33. P. P. Francis, AGM
- 34. Uday Shankar, Manager

WBSETCL

- 35. A. Nag, SE
- 36. A.K. Dutta, AE
- 37. P. Sengupta, ACE

WRLDC

- 38. P. Pentayya, GM
- 39. A. Liarkra, DGM
- 40. S. Usha, CM
- 41. Pushpa S., CM

MSETCL

- 42. M.C. Walke, Suptd. Eng. (STU-R&C)
- 43. U.S. Bhagat, Dy. Ex. Eng. (STU)
- 44. M.A.D. Siddiqui, AE

NERLDC

- 45. P.P. Bandyopadhyay, DGM
- 46. R. Chakrobatti, AGM
- 47. B.A. Jamatia, Jr. Eng.

AEGCL

- 48. J.K. Baishya, AGM

MECL

- 49. T. Guan, Engineer

Sterlite Energy Ltd.

- 50. Ashok Kumar Goyal, Senior Vice President

Odisha Power Transmission

- 51. S.K. Panigrahi, Manager

SLDC, Bhubaneswar

- 52. Prashant Kumar Das, Manager (Elec)

DVC

53. S. Ganguli, SE (E), SE(E) Comml

SRLDC

54. P. R. Raghuram, GM

55. P. Bhaskara Rao, AGM

56. V. Balaji, Chief Manager

57. Madhukar Goodell, Sr. Engineer

APTRANSCO

58. L. Pardha Sarathi, ADE

KPTCH

59. G. Bhimsa, SEE/EBC

60. J. Ramakantha, EEE/SLDC

KSEB

61. C. V. Nandan, CE (SO)

SRPC

62. S.R. Bhat, Member Secretary (I/C)

63. Anil Thomas, EE

In Western, Southern Eastern, and North Eastern Regions, members of Validation Committee and representatives from various STUs attended the meeting through Video Conferencing.