

**CENTRAL ELECTRICITY REGULATORY COMMISSION**  
**3rd & 4th floor, Chanderlok Building, 36-Janpath,**  
**New Delhi-110001**

No. Engg/Tr.Pricing/Validation/L-1/44/2013/CERC

Dated: 31/5/2013

Members of the Validation Committee  
& Generating Companies  
(as per list enclosed)

**Subject: Minutes of the 4th Meeting of Validation Committee for the year 2013 – 2014 (2<sup>nd</sup> Quarter, July - September 2013 ) for implementation of CERC (Sharing of Inter-State Transmission Charges and Losses), 2010.**

Sir,

Enclosed please find minutes of the fourth meeting of the Validation Committee for the **year 2013-14** held on 15th May 2013 in the NLDC Conference Room at New Delhi for implementation of CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations 2010 for the **Second Quarter July - September 2013** for information and necessary action.

Yours faithfully,

Encl: As above.

sd-

**(Vijay Menghani)**  
**Jt. Chief (Engg)**

**Copy to: Secretary, CERC**

### Validation Committee Members

Sl. No.	Name of the Organisations	Name of the nominated persons	Address
1.	CERC	Shri A K Saxena, Chief (Engg.)/ alternate member Shri Vijay Menghani, Joint Chief (Engg.)	Central Electricity Regulatory Commission, 3 <sup>rd</sup> & 4 <sup>th</sup> Floor, Chanderlok Building, 36-Janpath, New Delhi -110001
2.		Shri P.K. Awasthi, Joint Chief (Fin.)	Central Electricity Regulatory Commission 3 <sup>rd</sup> & 4 <sup>th</sup> Floor, Chanderlok Building, 36-Janpath, New Delhi -110001
3.	CEA	Shri Ravinder Gupta Director, SP&PA Division	Central Electricity Authority 3 <sup>rd</sup> Floor, N-Wing Sewa Bhawan, R.K. Puram, New Delhi - 110 066
4.		Shri C. Shanmugam Director, GM Division	Central Electricity Authority 6 <sup>th</sup> Floor, N-Wing Sewa Bhawan , R.K.Puram, New Delhi-110066
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, Chief. 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,et 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, Executive Director	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	Northern Regional Power Committee 18-A Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-11
12.	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
13.	SRPC	Shri S.R. Bhat, Member Secretary(I/C)	CEA,Southern Regional Power Committee 29, Race Course Cross Road, Bangalore-560009, Karnataka
14.	ERPC	Shri A.K. Bandyopadhyay, Member Secretary ( I/C)	Eastern Regional Power Committee 14, Golf Club Road, Tollygunge, Kolkata-700 033 (W.B.)
15.		Shri T.T. Jha, Member (Transmission),	Bihar State Electricity Board 1 <sup>st</sup> Floor, Vidyut Bhawan, Bailey Road, Patna-21, Bihar
16.	NERPC	Shri A.K. Mishra, Member Secretary (I/C)	North Eastern Regional Power Committee Meghalaya State Housing Finance Co-Operative Society Ltd.BLDG., Nongrim Hills, Shillong-793003
17.		Shri Jatin Baishya, Senior Manager	State Load Despatch Centre Complex,Kahelipara,Guwahati
18.	SLDC	Shri P.A.R. Bende Chief Engineer, SLDC	Chief Engineer Madhya Pradesh Power Transmission Company Ltd., Nayagaon,Rampur, Jabalpur- 482008
19.	KPTCL	S.Pratap Kumar Director(Transmission), KPTCL	Karnataka Power Transmission Corp.Ltd., Kauvery Bhavan, K.G. Road, Bangalore - 560009
20.	UPPTCL	Shri A.K. Singh, Director(Operation) Uttar Pradesh Power Transmission Corporation Ltd.	Uttar Pradesh Power Transmission Corporation Ltd , 7th Floor, Shakti Bhavan, Ashok Marg, Lucknow - 226001

### LIST OF GENERATING COMPANIES

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, Load 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)	SJVNL, IRCON Building, Ground Floor, Saket, New Delhi-110017

**Minutes of the 4th Meeting of the Validation Committee for the year 2013-14, (2nd Quarter July 2013-Sept 2013), held on 15<sup>th</sup> May 2013 at NLDC, New Delhi.**

1. The Chairman of the Validation Committee, Shri A K Saxena, Chief (Engg.), CERC welcomed the participants present in NLDC Conference Room and also the other participants of RPCs, RLDCs and STUs and Generating Companies present at the Conference Room of WRLDC, SRLDC, ERLDC and NERLDC through video conferencing. List of the participants is enclosed at **Annexure-I**.
2. Chief (Engg.), CERC stated that this meeting has been conveyed to finalize the load and generation data for consideration of load flow for implementation of CERC (Sharing of Inter-State Transmission Charges and Losses), 2010 during the second quarter of 2013-14. He hoped that all stakeholders would have submitted the required information as decided in the last meeting, the same has been considered by NLDC in their presentation. NLDC mentioned that data has not been received from quite a few entries. Chief (Engg.), CERC stated that NLDC should submit the list to CERC of indicating DICs who had not submitted data to them as per PoC Regulation. CERC would initiate action against defaulting utility. He requested NLDC to make a presentation.

The gist of presentation and discussions is given in the following paras.

**3. Demand Projection:**

- 3.1 The constituents of WR, SR, ER and NER agreed to the demand projection given by NLDC, Implementing Agency.
- 3.2 For Northern Region, the projections were agreed except for Delhi. Representative of SLDC, Delhi mentioned that the MU figures as per CEA website for Delhi seemed to be on the lower side for the period Jul'12-Sep'12. He suggested that the figures for the last three years may be considered as 7445 MU (Jul'10-Sep'10), 8180 MU (Jul'11-Sep'11) and 8338 MU (Jul'12-Sep'12) respectively and the projection of demand be carried out based on these figures. The same has been considered.

**4. Generation Projection:**

- 4.1 **Western Region:** The generation projections made by NLDC in respect of Western Region found to be in order by the constituents of WRLDC & WRPC.
- 4.2 **Northern Region:** The following points were deliberated:
  - 4.2.1 NHPC representative mentioned that the projections for generating stations were in order. It was suggested that average of last three years figures be considered for Dhauliganga. The corresponding figure for Dhauliganga was proposed as 247MW. It was also clarified that Unit 1 & 2 of Parbati III were not expected to be declared under commercial operation by July 2103 and thus, be excluded in the PoC Computation for Q2 period (Jul'13-Sep'13). It was also confirmed by NHPC Representative that units of Nimmo Bazgo were not likely to be under commercial operation in coming period and may not be considered for computation for Q2.

- 4.2.2 DTL representative opined that the figures of Delhi for Q2 seemed on the lower side. It was suggested that generation of 1250MW be considered for Delhi, inclusive of generation from Bawana CCGT Block I and Badarpur TPS.
- 4.2.3 NRLDC representative clarified that Shrawanthi gas generation in Uttarakhand was not expected to be commercial and may, therefore, not to be considered for computation of PoC for Q2 period. Similarly, Units 3 & 4 of Chhabra II & Kalisindh Unit 1 were not expected to be commercial by 30<sup>th</sup> June 2013 and may also be excluded from PoC computation. It was also intimated that the Kawai Unit 1 and Ramgarh GT Unit 1 were expected to be commercial by July/August, 2013 & July, 2013 respectively and may thus be excluded from the computation.

#### **4.3 Eastern Region: The following points were deliberated:**

- 4.3.1 ERLDC representative suggested that the Unit of Nav Bharat Ventures Ltd. was not expected to be commissioned during the next period and may, therefore, be excluded. It was also suggested that generation figure for Odisha (including GMR) may be considered as 2088MW.
- 4.3.2 ERLDC representative confirmed that Koderma Unit 1 of DVC may not be declared commercial in the coming period and may be excluded.
- 4.3.3 With regard to Maithon Power Ltd it was suggested to consider a generation of 900MW (after excluding NAC) for two units.
- 4.3.4 ERLDC representative also clarified that a generation of 928MW be considered for Sterlite Units connected to the 400kV bus while one unit may be considered in Odisha generation.

#### **4.4 North Eastern Region: The following points were deliberated:**

- 4.4.1 OTPC representative suggested that Palatana Unit 1 generation figure of 360MW is on the higher side and generation of 350MW may be considered.
- 4.4.2 The representative of OTPC stated that at sl. No. 14 of the minutes of second meeting of the Validation Committee for the year 2013-14, the sentence "Further commissioning of Palatana Unit II has been linked with 400 kV Byrnihat – Bongaigaon Line, which has been scheduled for Jan 2014." may please be replaced by "Further all efforts are being made to commission Palatana Unit II by September,2013." Members agreed with the modification suggested.

#### **4.5 Southern Region: The following points were deliberated:**

- 4.5.1 Projections made by the implementing agency were noted to be in order. It was also confirmed by SRLDC representative that Kudankulam generation was not expected to be commercial in the coming period and may therefore not be considered for computation of PoC for Q2 period.

### **5. Inter-Regional Flows**

- WRLDC representative sought clarification on excess of Generation over Demand by 4000MW in Western Region. It was clarified that the above was inclusive of Regional loss of ~1400MW.

- WRLDC representative pointed that the Inter Regional Flow of 1394 MW for WR-NR may be checked as it included Mundra-Mahendargarh HVDC flow. It was decided that the Implementing Agency would look into the same and revert back.

*A copy of presentation with suggested modification along with Modified diagram indicating inter-regional flow is placed at Annexure-II*

6. POWERGRID submitted that only a few petitions for new assets were remaining to be filed in the Commission. **The same were expected to be filed by 15<sup>th</sup> May 2013. For PoC Computation tariff to the asset to be commissioned by 1st August 2013, shall be included.**
7. POWERGRID representative pointed that in line with the provisions of the CERC Sharing Regulations, the Medium Term Open Access (MTOA) quantum considered for computation of PoC charges is being taken as a part of Approved Injection/Withdrawal (Bill 1). Earlier it was being considered as Additional MTOA (Bill 2). However this has led a situation where Bill 3 is to be raised on MTOA customers also. Since after the period of MTOA, there is no security available, realization may be an issue.
8. POWERGRID representative also pointed out that as per the Sharing Regulations, Bill No. 3 was being raised on the DICs based on the quantum of their respective Approved Injection/Withdrawal and not on the Transmission Charges payable by the DICs, which is based on the Slab PoC Rate for that entity. Thus, the Billing does not reflect the charges for various DICs arrived after the PoC Computation and instead depends only on the quantum of Approved Injection/Withdrawal for the DIC.
9. Members appreciated the above issues. However, it was clarified by Jt.Chief (Engg.) that the issues were not under the jurisdiction of the Validation Committee, and the same can be decided by the Commission. He requested POWERGRID to formally bring this issue in to the notice of Commission.
10. The Timeline for Computation of PoC Charges for Q2 period was reviewed by the Members and it was intimated that all efforts would be made to proceed as per the decision taken in 3rd meeting of Validation Committee. However in case of delay in issuance of provisional tariff orders by CERC, the time lime would be accordingly adjusted.
11. It was decided that the comments received from the DICs would be considered and the scaling requirements for NEW & SR Grid will be modified accordingly.

The meeting ended with thanks to the Chair.

**Annexure-I**

**List of Participants in the Fourth meeting of the Validation Committee held on 15/5/2013 at NLDC, New Delhi**

**CERC**

1. Shri A.K. Saxena, Chief (Engg.) – In Chair
2. Shri Vijay Menghani, Joint Chief (Engg.)
3. Shri Vikram Singh, Deputy Chief (Engg.)

**NHPC**

4. Shri Rajesh Joshi, Deputy Manager
5. Ms Tulika Sinha, Manager

**NLDC , POSOCO**

6. Shri S.S. Barpanda, DGM
7. Shri S.R. Narasimhan. DGM
8. Shri A. Mani, GM
9. Shri Mohit Chandra Joshi, Engineer
10. Ms Vaishally Bhardwaj, Engineer
11. Shri Gaurav Verma , Engineer
12. Shri N. Nallarasan, DGM

**Powergrid**

13. Shri Prashant Sharma , GM (Commercial)

**WRLDC, POSOCO**

14. Shri S. D. Taksanda, MS
15. Shri L.K.S Rathore, DD
16. Shri P.D.Lane, DD
17. Shri P.Pentayya, GM
18. Ms Chitranksi, Sr. Engineer
19. Ms S. Usha, CM (MO-I)
20. Shri A.Gartia, DGM

## **SRPC**

21. Shri D.G. Vernekar, EE

## **SRLDC**

22. Shri P.R . Raghuram, ED

23. Shri Pramod Singh, DM

24. Shri V. Balaji, DGM

## **KPTCL**

25. Shri G. Bhimsha, SEE

26. Shri J. Ramakantha, EEE/SLDC

## **WBSETCL**

27. Shri A.K. Dutta, AE(E)

28. Shri A. Nag, SE

29. Shri Bhattacharya, SE, SLDC

## **NRLDC**

30. Shri Rajiv Porwal, CM

## **SLDC, Delhi**

31. Shri Sanjeev Kumar , AM

## **SJVNL Ltd.**

32. Shri Rajeev Aggarwal , DM

## **OTPC Ltd.**

33. Shri Arup Ch. Sarma, DGM

34. Shri Chetan Jain, Ex- Commercial



## **KSEB**

35. Shri A. Suresh Kumar, (Assistant Ex Engineer)

## **ERLDC**

- 36. Shri P. Mukhopadhaya, GM
- 37. Shri P. S. Das, Chief Manager
- 38. Shri D. K. Shrivastav, AGM
- 39. Shri U. K. Verma, GM
- 40. Shri G. Chakroborty, CM
- 41. Shri S. Baneerji, CM
- 42. Shri S. K. Sahay, Engineer
- 43. Shri N. K. Thakur, SC

## **ERPC**

44. Shri B. Sarkhel, SE(PS)

## **NERLDC**

- 45. Shri Amaresh Mallick, CM
- 46. Shri R. Chakroborty, Engineer


## **NERPC**

- 47. Shri S. K. Ray. Mohapatra, MS
- 48. Shri S. N. Jha, (EE)

## **AEGCL**

49. Shri J. K. Baishya (AGM)

# (Modified Presentation-Based on the Inputs received during the 4<sup>th</sup> VC Meeting)



## Contents

- PoC Computation for Q2 Case (Jul'13-Sept'13)
  - ▣ Data from DICs
  - ▣ Load Generation Balance
  - ▣ Scaling Requirement
  - ▣ Inter-Regional Flows
  - ▣ Points for Discussion

# Data Collection for PoC Computation (Q2)

S. No.	DIC	Format I A	Format I B	Format II	Format III A	Format IIIB
1	Jaypee Powergrid Ltd.	√	√	√		
2	Torrent Power Grid Ltd.	√	√	√		
3	RPTL	√	√	√		
4	NETCL	√	√			
5	ENICL	√	√			
6	Powerlinks	√	√			
7	POWERGRID			√		
8	NPCIL Kudankulam					√
9	NPCIL TAPS				√	√
10	NTPC				√	√
11	BBMB	√	√		√	√
12	DVC			√	√	√
13	NHPC			√		
14	NHPC Chamera II					√
15	MPPTCL			√	√	√
16	DTL				√	√
17	KSEB			√		√
18	Jindal Power Ltd.	√	√		√	√
19	Tamil Nadu			√		

# Demand Generation Projection



- Demand and Generation Projection
  - Based on Last 3 years data (Jul-Sep) from CEA website.
- New Generation
  - Expected DOCO by 30<sup>th</sup> June 2013
- Generation Projection
  - Increasing Trend : Last Year figures considered
  - In other cases : Average of last three years
  - Normative Auxiliary Consumption deducted
- Demand Projection
  - Based on FORECAST function of MS-Excel

# Load Generation Projection



<b>New Units</b>	<b>Plant Load Factor</b>
Thermal Units with DOCO by 30 <sup>th</sup> June 2013	70%
Hydro Units with DOCO by 30 <sup>th</sup> June 2013	60%
Gas Units with DOCO by 30 <sup>th</sup> June 2013	30%

# Demand Figures



- Northern Region
- Eastern Region
- Western Region
- North-Eastern Region
- Southern Region

# Generation Figures



- Northern Region
- Eastern Region
- Western Region
- North-Eastern Region
- Southern Region

# Scaling Requirement in NEW Grid



- Total Generation: 90063 MW
- Total Demand: 85486 MW
- Losses: 3010 MW
- Export through Talcher-Kolar Inter-connector: 728 MW
- Export through Bhadrawati: 850 MW
- Export through Gajuwaka : 600 MW
  
- Scaling Required : - 695 MW



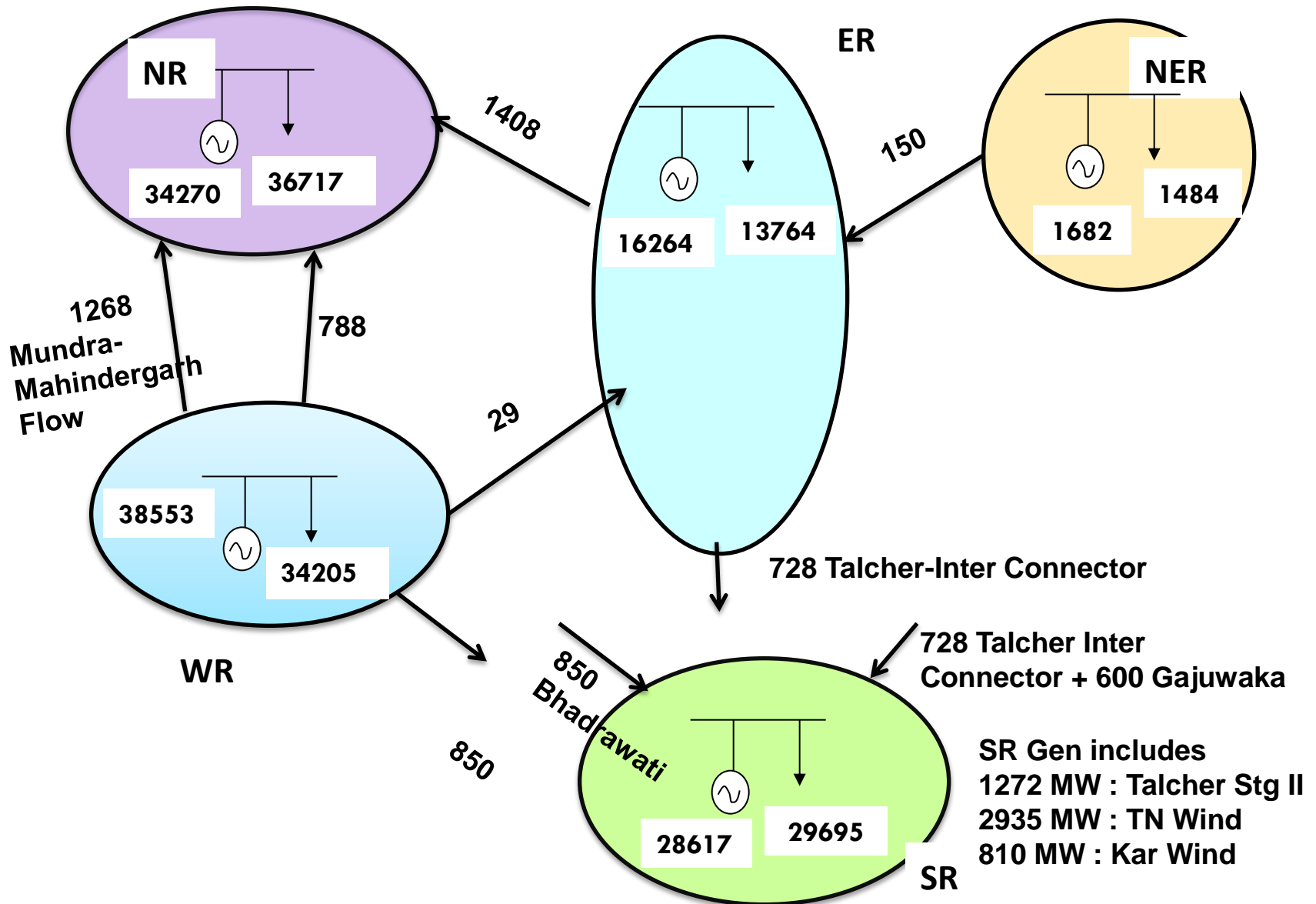
# Scaling Requirement in SR Grid



- Total Generation (Inclusive of Import from Talcher, Bhadrawati, Gajuwaka): 30793 MW
- Total Demand : 28890 MW
- Losses : 1098 MW
  
- **Scaling Required : 805 MW**

# Inter Regional Flows

All Figs in MW



# Points for Discussion




- Suggested Timeline in 3<sup>rd</sup> VC Meeting:
  - **6<sup>th</sup> May 2013** – Submission of Node wise data by States/DICs
  - **15<sup>th</sup> May 2013** – 4<sup>th</sup> Validation Committee Meeting
  - **15<sup>th</sup> May 2013** – Last Day for submission of tariff petitions by transmission licensees
  - **20<sup>th</sup> May 2013** – Provisional tariff orders by CERC
  - **21<sup>st</sup> May 2013** – Submission of Final YTC data to the Implementing Agency by Transmission Licensees
  - **25<sup>th</sup> May 2013** – Submission of proposals by IA to CERC in regard to Slab Rates for Q2
  - **30<sup>th</sup> May 2013** – Order by CERC on Slab Rate
  - **13<sup>th</sup> June 2013** – Submission of Final Result to CERC by the Implementing agency
  - **20<sup>th</sup> June 2013** – Final order on PoC Charges and Losses by Central Electricity Regulatory Commission

# Points for Discussion ... (2)



- Clarification on Dates for Quarterly Computation of PoC Charges & Losses
  - ▣ As per 1<sup>st</sup> Amendment to Sharing Regulations,  
*“Provided that the YTC shall be revised on a six monthly basis i.e. on 1<sup>st</sup> April and 1<sup>st</sup> October in the first full year and subsequently on quarterly basis, i.e. on 1<sup>st</sup> April, 1<sup>st</sup> July, 1<sup>st</sup> October and 1<sup>st</sup> December”*



**Thank You !!**

# Demand Projection – Northern Region

[Back](#)

Entity	Proposed Demand (MW)	Scaled Demand (MW)
Chandigarh	247	245
Delhi	4055	4022
Haryana	5582	5536
Himachal Pradesh	1128	1119
Jammu & Kashmir	1244	1234
Punjab	7819	7756
Rajasthan	5929	5881
Uttar Pradesh	9677	9599
Uttarakhand	1337	1326

# Demand Projection – Eastern Region

[Back](#)

Entity	Proposed Demand (MW)	Scaled Demand (MW)
Bihar	1,570	1558
DVC	2400 (Proposed by DVC)	2380
Jharkhand	825 (Proposed by JSEB)	818
Odisha	2709 (Proposed by GRIDCO)	2687
West Bengal	5,495	5451
Sikkim	52	51

# Demand Projection – Western Region

  
[Back](#)

Entity	Proposed Demand (MW)	Scaled Demand (MW)
Chhattisgarh	2,358	2339
Gujarat	10,709	10622
Madhya Pradesh	4975 (Proposed by MP)	4935
Maharashtra	14,822	14701
Daman & Diu	218	216
Dadra Nagar Haveli	557	553
Goa (WR)	278	276



# Demand Projection – North-Eastern Region

[Back](#)

Entity	Proposed Demand (MW)	Scaled Demand (MW)
Arunachal Pradesh	80	79
Assam	854	847
Manipur	72	71
Meghalaya	234 (Proposed by Meghalaya)	232
Mizoram	49	49
Nagaland	67	66
Tripura	142	141

# Demand Projection – Southern Region

  
[Back](#)

Entity	Proposed Demand (MW)	Scaled Demand (MW)
Andhra Pradesh	9,312	9680
Karnataka	6877 (Proposed by Karnataka)	7065
Kerala	2,478	2488
Tamil Nadu	9,858	10096
Pondicherry	284	286
Goa SR	80	80

# Generation Projection – Northern Region

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
UP	3992	1320	-	5312	5312
Delhi	1106	-	-	1106	1250 (4 <sup>th</sup> VC Meeting)
Haryana	2203	-	-	2203	2500 (MoM-3 <sup>rd</sup> VC Meeting)
Uttarakhand	727	-	14	741	741
Punjab	2566	-	-	2566	2566
Rajasthan	2817	348	-	3165	3165
Himachal Pradesh	701	-	-	701	701
Jammu & Kashmir	582	-	-	582	582
BBMB	1799	-	-	1799	1799

# Generation Projection – Northern Region...(2)

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
Dadri Thermal	1314	-	-	1314	1314
Rihand	1546	327	-	1873	1873
Singrauli	1601	-	-	1601	1601
Unchahar	830	-	-	830	830
Auraiya	403	-	-	403	403
Dadri CCPP	526	-	-	526	526
NAPS	264	-	-	264	264
Jhajjar	873	327	-	1200	1200
<b>DHAULIGANGA</b>	249	-	-	249	<b>249</b>
Tanakpur	87	-	-	87	87
Koteshwar	187	-	-	187	187
Tehri	659	-	-	659	659
Anta	286	-	-	286	286
RAAP A,B,C	799	-	-	799	799

# Generation Projection – Northern Region...(3)

[Back](#)

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
AD Hydro	171	-	-	171	171
Everest	88	-	-	88	88
Karcham Wangtoo	969	-	-	969	969
Bairasul	112	-	-	112	112
Chamera 1	500	-	-	500	500
Chamera 2	271	-	-	271	271
Chamera 3	207	-	-	207	207
Naptha Jhakri	1352	-	-	1352	1352
Lanco Budhil	48	-	-	48	48
DULHASTI	352	-	-	352	352
Salal	606	-	-	606	606
Sewa-II	74	-	-	74	74
URI I HPS	404	-	-	404	404
Sree Cement	220	-	-	220	220
<b>Parbati III</b>	-	-	-	-	-

# Generation Projection – Eastern Region

[Back](#)

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
West Bengal	3507	78	-	3585	3585
<b>Odisha</b>	1419	<b>225</b>	-	1644	<b>2088</b> (Proposed in 4 <sup>th</sup> VC meeting)
Bihar	28	-	-	28	28
Jharkhand	358	-	-	358	358
Sikkim	0	-	66	66	66
<b>DVC</b>	2543	<b>327</b>	-	2870	<b>2870</b> (4 <sup>th</sup> VC meeting)
<b>MPL</b>	562	-	-	562	<b>900</b> (4 <sup>th</sup> VC Meeting)
<b>Sterlite</b>	928	-	-	928	<b>928</b> (4 <sup>th</sup> VC Meeting)
Teesta	454	-	-	454	454
Kahalgaon	1307	-	-	1307	1307
Farakka	1060	-	-	1060	1060
Talcher	636	-	-	636	636
Rangeet	59	-	-	59	59
Adhunik Power	-	174	174	348	348
Bhutan	1356	-	-	1356	1356

# Generation Projection – Western Region...(1)

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
MP	2280	322	583	3185	3185
Maharashtra	7203	1320	973	9496	9496
Chattisgarh	1345	-	671	2015	2015
Gujarat	7082	591	-	7674	7674
Goa	31	-	-	-	-
Vindhyachal	2443	327	-	2771	2771
Ratnagiri Dabhol	1081	-	-	-	350(MoM-3 <sup>rd</sup> VC Meeting)
TAPS (1,2,3,4)	1009	-	-	1009	1009
JINDAL	816	-	-	816	816
LANCO	360	-	-	360	360

# Generation Projection – Western Region...(2)

[Back](#)

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
NSPCL Bhilai	364	-	-	364	364
Korba	2043	-	-	2043	2043
SIPAT	2080	-	-	2080	2080
Mauda	-	327	-	327	327
CGPL	657	2094	-	2752	2752
Gandhar	415	-	-	415	415
Kawas	376	-	-	376	376
KAPS	350	-	-	350	350
Essar Mahan	-	393	-	393	393
BALCO	-	193	193	386	386
KSK Mahanadi	-	393	-	393	393
Vandana Vidyut	-	87	-	87	87
Sasan UMPP	-	432	-	432	432



# Generation Projection – North Eastern Region

[Back](#)

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
AGTPP, NEEPCO	70	-	-	70	70
Doyang, NEEPCO	65	-	-	65	65
Kopili, NEEPCO	153	-	-	153	153
Khandong, NEEPCO	40	-	-	40	40
Ranganadi, NEEPCO	256	-	-	256	256
Kathalguri	185	-	-	185	185
Loktak, NHPC	91	-	-	91	91
<b>Palatana GBPP</b>	-	106	-	106	<b>350</b> (4 <sup>th</sup> VC Meeting)
Assam	222	-	-	222	222
Manipur	0	-	-	0	0
<b>Meghalaya</b>	82	25	29	136	<b>146</b>
Nagaland	21	-	-	21	21
Tripura	77	-	-	77	77
Mizoram	6	-	-	6	6

# Generation Projection – Southern Region...(1)

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
Andhra Pradesh	6902	-	-	6902	6902
Karnataka	3346	720	-	4066	5730(Proposed by Karnataka)
Kerala	884	-	-	884	884
Tamil Nadu	6620	785	-	7405	7405
Pondy	26	-	-	26	26
Ramagundam	2138	-	-	2138	2138
Simhadri	549	327	-	876	876
SEPL (Unit 1)	214	-	-	214	214
Lanco Kondapalli	214	-	-	214	98(MoM-3 <sup>rd</sup> VC Meeting)
Kaiga	530	-	-	530	530

# Generation Projection – Southern Region...(2)

[Back](#)

Entity	Projected Generation based on 3 yrs data (MW)	Generation Oct'12-May'13 (MW)	Expected Generation by 30 <sup>th</sup> June'13	Total (MW)	Considered in Base Case (MW)
NEYVELI (EXT) TPS	378	-	-	378	378
NEYVELI TPS-II	1049	-	-	1049	1049
NEYVELI TPS-II EXP	0	-	-	0	0
MAPS	292	-	-	292	292
Vallur	-	327	327	655	655
Meenakshi	-	193	-	193	193
Kudankulam	-	910	-	910	0
Talcher Stg II	1272	-	-	1272	1272