




**Point of Connection Charges and Losses
Computation
October 2014 – December 2014 (Q3)**

**Meeting of the Validation Committee
Date : 08th Sep 2014
Venue: NLDC, New Delhi**



Assumptions



- ❑ **Extant PoC Regulations adopted**
 - ❑ **Average generation and load scenario based on CEA data**
- 

Contents



- PoC Computation for Q3 Case (Oct'14-Dec'14)
 - ▣ Demand & Generation Projection
 - ▣ New Generation
 - ▣ Points for Discussion

Demand Generation Projection



- Demand and Generation Projection
 - Based on Last 3 years data (October-December) from CEA website.
- New Generation
 - Expected DOCO by 30th Sep 2014
- 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



| New Units | Plant Load Factor |
|--|--------------------------|
| Thermal Units with DOCO from 1st January to 30th September | 70% |
| Hydro Units with DOCO 1st January to 30th September | 40% |
| Gas Units with DOCO 1st January to 30th September | 30% |

Demand and Generation

| | Q2 (Jul-Sep'14) | | Q3 (Oct-Dec'14) | |
|-----------|-----------------|-----------------|-----------------|-----------------|
| | Demand (MW) | Generation (MW) | Demand (MW) | Generation (MW) |
| NR | 39558 | 35741 | 32347 | 31204 |
| ER | 13888 | 17424 | 12195 | 17072 |
| WR | 34675 | 43047 | 37596 | 45226 |
| NER | 1600 | 1928 | 1497 | 1298 |
| SR | 29124 | 26873 | 29306 | 26429 |
| All India | 118845 | 125013 | 112941 | 121229 |

Comparison of Demand for Q1_2014-15

| Northern Region | | |
|----------------------------|------------------------------|---------------------------|
| State/Region/System | Projected Demand (MW) | Actual Demand (MW) |
| Chandigarh | 209 | 201 |
| Delhi | 3458 | 3664 |
| Haryana | 5630 | 4992 |
| Himachal Pradesh | 1163 | 994 |
| Jammu & Kashmir | 1344 | 1451 |
| Punjab | 6201 | 5697 |
| Rajasthan | 6642 | 6977 |
| Uttar Pradesh | 10437 | 10562 |
| Uttarakhand | 1417 | 1387 |

Contd...

Eastern Region

| State/Region/System | Projected Demand (MW) | Actual Demand (MW) |
|---------------------|-----------------------|--------------------|
| Bihar | 1856 | 1896 |
| DVC | 2057 | 2032 |
| Jharkhand | 856 | 866 |
| Orissa | 3043 | 3135 |
| West Bengal | 5634 | 5825 |
| Sikkim | 47 | 44 |

Western Region

| | | |
|--------------------|-------|-------|
| Chattisgarh | 2612 | 2380 |
| Gujarat | 10900 | 11561 |
| Madhya Pradesh | 5772 | 5672 |
| Maharashtra | 15488 | 15851 |
| Daman & Diu | 253 | 251 |
| Dadra Nagar Haveli | 614 | 614 |
| Goa | 419 | 501 |

Contd..

Southern Region

| State/Region/System | Projected Demand (MW) | Actual Demand (MW) |
|----------------------------|------------------------------|---------------------------|
| Andhra Pradesh | 10019 | 8805 |
| Karnataka | 7000 | 6969 |
| Kerala | 2442 | 2542 |
| Tamil Nadu | 10058 | 11094 |
| Pondicherry | 296 | 292 |

North Eastern Region

| | | |
|-------------------|-----|-----|
| Arunachal Pradesh | 57 | 62 |
| Assam | 780 | 844 |
| Manipur | 56 | 63 |
| Meghalaya | 169 | 160 |
| Mizoram | 47 | 44 |
| Nagaland | 59 | 63 |
| Tripura | 136 | 120 |

Demand Projection



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

Generation Projection (Including New Generation)



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

Data Collection for PoC Computation (Q3)

□ Letter to DICs for Furnishing Technical & Commercial Data for Q3 (Oct'14-Dec'14) dated

□ Data Received from:

□ **MPPTCL**

□ **Karnataka**

□ **DVC**

□ **Meghalaya**

□ **NTPC**

□ **OTPC**

□ **Assam**

□ **Kerala**

□ **DTL**

□ **Tamil Nadu**

□ **THDC India Ltd.**

□ **SJVN Ltd.**

GETCO

Chandigarh

GRIDCO

Mizoram

Tripura

BBMB

Haryana

NAPS

TAPS

NHPC

Rajasthan

Uttarakhand

Chattisgarh

□ Data not Received from:

- **Jammu & Kashmir**
- **Himachal Pradesh**
- **Punjab**
- **Uttar Pradesh**
- **Maharashtra**
- **Bihar**
- **Jharkhand**
- **West Bengal**
- **Sikkim**
- **Arunachal Pradesh**
- **Nagaland**

Manipur

Andhra Pradesh

YTC Data received from Transmission Licensees




- ▣ **Jaypee Powergrid Limited**
- ▣ **Parbati Koldam Trans. Co. Ltd**
- ▣ **Jindal Power Ltd.**
- ▣ **Raichur Sholapur Trans. Co. Ltd.**
- ▣ **Reliance Power Trans. Ltd.**
- ▣ **Powergrid Corporation of India Ltd (Provisional)**

Points for Discussion



- Demand and Generation for Telangana
- 400 kV Silchar - Byrnihat 2nd ckt
- HVDC Set Points
- New email id for correspondences related to PoC Computation – implementingagency@powergrid.co.in
implementingagency@posoco.in



Thank You !!

Demand Projection – Northern Region

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| Entity | Q2(July-Sep'14) (MW) | Q3(Oct-Dec'14) (MW) |
|----------------------------|---------------------------------|--------------------------------|
| Chandigarh | 232 | 147 |
| Delhi | 3750 | 2645 |
| Haryana | 6792 | 4779 |
| Himachal Pradesh | 1103 | 975 |
| Jammu & Kashmir | 1330 | 1572 |
| Punjab | 7988 | 4299 |
| Rajasthan | 6648 | 7409 |
| Uttar Pradesh | 10292 | 9204 |
| Uttarakhand | 1423 | 1317 |
| Total | 39558 | 32347 |

Demand Projection – Eastern Region

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| Entity | Q2(July-Sep'14) (MW) | Q3(Oct-Dec'14) (MW) |
|--------------|-------------------------|------------------------|
| Bihar | 1869 | 1902 |
| DVC | 2000 | 2020 |
| Jharkhand | 826 | 888 |
| Odisha | 3169 | 2900 |
| West Bengal | 5805 | 4435 |
| Sikkim | 47 | 50 |
| Total | 13716 | 12195 |

Demand Projection – Western Region

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| Entity | Q2(July-Sep'14) (MW) | Q3(Oct-Dec'14) (MW) |
|--------------------|-------------------------|------------------------|
| Chhattisgarh | 2387 | 2148 |
| Gujarat | 11537 | 10645 |
| Madhya Pradesh | 5338 | 8658 |
| Maharashtra | 13535 | 14248 |
| Daman & Diu | 274 | 253 |
| Dadra Nagar Haveli | 689 | 685 |
| Goa | 415 | 459 |
| ESIL Hazira | 500 | 500 |
| Total | 34675 | 37596 |

Demand Projection – North-Eastern Region

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| Entity | Q2(July-Sep'14) (MW) | Q3(Oct-Dec'14) (MW) |
|-------------------|-------------------------|------------------------|
| Arunachal Pradesh | 59 | 57 |
| Assam | 1003 | 892 |
| Manipur | 75 | 58 |
| Meghalaya | 181 | 210 |
| Mizoram | 53 | 57 |
| Nagaland | 74 | 65 |
| Tripura | 155 | 158 |
| Total | 1600 | 1497 |

Demand Projection – Southern Region

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| Entity | Q2(July-Sep'14) (MW) | Q3(Oct-Dec'14) (MW) |
|----------------|-------------------------|------------------------|
| Andhra Pradesh | 9927 | 9785 |
| Karnataka | 6117 | 7017 |
| Kerala | 2388 | 2501 |
| Tamil Nadu | 10420 | 9736 |
| Pondicherry | 272 | 267 |
| Total | 29124 | 29306 |

Generation Projection – Northern Region

| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14-30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/Comments From DICs (if any) | Figure as per Comments |
|--------|------------------|---------------------------------------|---|---|---------------|--------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 1 | UP | 5312 | - | - | 5312 | - | - |
| 2 | Delhi | 996 | <u>69</u> | - | 1065 | - | - |
| 3 | Haryana | 2344 | - | - | 2344 | - | - |
| 4 | Uttarakhand | 430 | <u>14</u> | - | 444 | - | - |
| 5 | Punjab | 2325 | <u>458</u> | <u>890</u> | 3673 | - | - |
| 6 | Rajasthan | 3578 | <u>1000</u> | <u>161</u> | 4739 | - | - |
| 7 | Himachal Pradesh | 213 | - | - | 213 | - | - |
| 8 | Jammu & Kashmir | 283 | - | - | 283 | - | - |
| 9 | BBMB | 1112 | - | - | 1112 | - | - |

Generation Projection – Northern Region ...(2)

| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14-30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/ Comments From DICs (if any) | Figure as per Comments |
|--------|-----------------|---------------------------------------|---|---|---------------|---------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 10 | Dadri Thermal | 1484 | - | - | 1484 | - | - |
| 11 | Rihand | 1938 | <u>327</u> | - | 2265 | - | - |
| 12 | Singrauli | 1849 | - | - | 1849 | - | - |
| 13 | Unchahar | 869 | - | - | 869 | - | - |
| 14 | Auraiya | 330 | - | - | 330 | - | - |
| 15 | Dadri CCPP | 516 | - | - | 516 | - | - |
| 16 | NAPS | 299 | - | - | 299 | - | - |
| 17 | Jhajjar | 649 | - | - | 649 | - | - |
| 18 | DHAULIGANGA | 50 | - | - | 50 | Data submitted by NHPC | 50 |
| 19 | Tanakpur | 51 | - | - | 51 | | 51 |
| 20 | Koteshwar | 105 | - | - | 105 | THDC Letter dtd 27.08.14 | 114 |
| 21 | Tehri | 308 | - | - | 308 | - | - |
| 22 | Anta | 260 | - | - | 260 | - | - |
| 23 | RAAP A,B,C | 950 | - | - | 950 | - | - |
| 24 | AD Hydro | 30 | - | - | 30 | - | - |
| 25 | Everest | 13 | - | - | 13 | - | - |
| 26 | Karcham Wangtoo | 243 | - | - | 243 | - | - |

Generation Projection – Northern Region ...(3)

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| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14- 30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/ Comments From DICs (if any) | Figure as per Comments |
|--------|---------------|---------------------------------------|---|--|---------------|---------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 27 | Bairasul | 31 | - | - | 31 | | 31 |
| 28 | Chamera 1 | 105 | - | - | 105 | Data submitted by NHPC | 105 |
| 29 | Chamera 2 | 80 | - | - | 80 | | 80 |
| 30 | Chamera 3 | 49 | - | - | 49 | | 48 |
| 31 | Naptha Jhakri | 461 | - | - | 461 | - | - |
| 32 | Lanco Budhil | 9 | - | - | 9 | - | - |
| 33 | DULHASTI | 190 | - | - | 190 | Data submitted by NHPC | 189 |
| 34 | Salal | 182 | - | - | 182 | | 182 |
| 35 | Sewa-II | 16 | - | - | 16 | Data submitted by NHPC | 16 |
| 36 | URI I HPS | 147 | - | - | 147 | | 147 |
| 37 | URI II HPS | 72 | <u>24</u> | - | 96 | | 72 |
| 38 | Sree Cement | 201 | - | - | 201 | - | - |
| 39 | Parbati III | 0 | <u>206</u> | - | 206 | Data submitted by NHPC | 37 |
| 40 | Ramnur HEP | 0 | <u>109</u> | <u>54</u> | 163 | - | - |

Generation Projection – Eastern Region...(1)

| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14- 30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/ Comments From DICs (if any) | Figure as per Comments |
|--------|----------------|---------------------------------------|---|--|---------------|---------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 41 | West Bengal | 3533 | - | - | 3533 | - | - |
| 42 | Odisha | 1510 | - | - | 1510 | 1790 | 1790 |
| 43 | Bihar | 50 | - | - | 50 | - | - |
| 44 | Jharkhand | 387 | - | - | 387 | - | - |
| 45 | Sikkim | 0 | - | - | 0 | - | - |
| 46 | Chujachan | 39 | - | - | 39 | - | - |
| 47 | DVC | 2443 | - | - | 2443 | 2676 | 2676 |
| 48 | Durgapur Steel | 421 | - | - | 421 | - | - |
| 49 | Koderma TPP | 251 | - | - | 251 | - | - |
| 50 | MPL | 739 | - | - | 739 | - | - |
| 51 | Sterlite | 849 | - | - | 849 | - | - |

Generation Projection – Eastern Region...(2)

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| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14-30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/ Comments From DICs (if any) | Figure as per Comments |
|--------|---------------------|---------------------------------------|---|---|---------------|---------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 52 | Teesta | 188 | - | - | 188 | Data submitted by NHPC | 187 |
| 53 | Kahalgaon | 1647 | - | - | 1647 | - | - |
| 54 | Farakka | 1482 | - | - | 1482 | - | - |
| 55 | Talcher | 734 | - | - | 734 | - | - |
| 56 | Rangeet | 41 | - | - | 41 | Data submitted by NHPC | 41 |
| 57 | Corporate Power | 0 | - | - | 0 | - | - |
| 58 | Adhunik Power | 331 | - | - | 331 | e-mail from Adhunik Power | 425 |
| 59 | Barh | 0 | - | <u>432</u> | 432 | - | - |
| 60 | Kamalanga TPP (GMR) | 193 | <u>451</u> | - | 644 | - | 550 |
| 61 | JITPL | 0 | - | <u>393</u> | 393 | - | - |
| 62 | Bhutan | 449 | - | - | 449 | - | - |

Generation Projection – Western Region...(1)

| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14-30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/Comments From DICs (if any) | Figure as per Comments |
|--------|------------------|---------------------------------------|---|---|---------------|--------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 63 | MP | 2978 | <u>554</u> | - | 3532 | - | 3934 |
| 64 | Maharashtra | 9068 | <u>1860</u> | <u>174</u> | 11102 | - | - |
| 65 | Chattisgarh | 1672 | <u>327</u> | - | 1999 | - | - |
| 66 | Gujarat | 7499 | <u>97</u> | - | 7596 | - | - |
| 67 | Goa | 24 | - | - | 24 | - | 0 |
| 68 | D&D | 0 | - | - | 0 | - | - |
| 69 | DNH | 0 | - | - | 0 | - | - |
| 70 | Vindhyachal | 3206 | <u>327</u> | - | 3533 | - | - |
| 71 | Ratnagiri Dabhol | 608 | - | - | 608 | - | 0 |
| 72 | TAPS (1,2,3,4) | 1144 | - | - | 1144 | - | - |
| 73 | JINDAL | 846 | - | - | 846 | - | - |
| 74 | LANCO | 335 | - | - | 335 | - | - |
| 75 | NSPCL Bhilai | 422 | - | - | 422 | - | - |
| 76 | Korba | 2328 | - | - | 2328 | - | - |

Generation Projection – Western Region ... (2)

| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14- 30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/ Comments From DICs (if any) | Figure as per Comments |
|--------|----------------|---------------------------------------|---|--|---------------|---------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 77 | SIPAT | 1963 | - | - | 1963 | - | - |
| 78 | CGPL | 2352 | - | - | 2352 | - | - |
| 79 | Mauda | 100 | <u>330</u> | - | 430 | - | - |
| 80 | Gandhar | 326 | - | - | 326 | - | - |
| 81 | Kawas | 318 | - | - | 318 | - | - |
| 82 | KAPS | 383 | - | - | 383 | - | - |
| 83 | Essar Mahan | 96 | | | 96 | - | - |
| 84 | BALCO | 92 | - | <u>193</u> | 285 | - | - |
| 85 | KSK Mahanadi | 338 | - | <u>393</u> | 731 | - | - |
| 86 | Vandana Vidyut | - | <u>87</u> | - | 87 | - | - |
| 87 | Sasan UMPP | 336 | <u>432</u> | <u>864</u> | 1632 | - | - |
| 88 | Tamnar TPP | - | <u>786</u> | <u>393</u> | 1179 | - | - |

Generation Projection – Western Region ... (3)

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| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14- 30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/ Comments From DICs (if any) | Figure as per Comments |
|--------|------------|---------------------------------------|---|--|---------------|---------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 89 | DGEN | - | | <u>400</u> | 400 | - | - |
| 90 | DB Power | - | <u>393</u> | <u>393</u> | 785 | - | - |
| 91 | Korba West | - | - | <u>393</u> | 393 | - | - |
| 92 | Dhariwal | - | - | <u>193</u> | 193 | - | - |
| 93 | JP Nigrie | - | - | <u>432</u> | 432 | - | - |

Generation Projection – North-Eastern Region

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| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14- 30 th Sep'14 (C) | TOTAL D=A+B+C (MW) | Comments/ Comments From DICs (if any) | Figure as per Comments (MW) |
|--------|-------------------|---------------------------------------|---|--|--------------------|---------------------------------------|-----------------------------|
| 94 | AGTPP, NEEPCO | 73 | - | - | 73 | - | - |
| 95 | Doyang, NEEPCO | 20 | - | - | 20 | - | - |
| 96 | Kopili, NEEPCO | 130 | - | - | 130 | - | - |
| 97 | Khandong, NEEPCO | 20 | - | - | 20 | - | - |
| 98 | Ranganadi, NEEPCO | 81 | - | - | 81 | - | - |
| 99 | Kathalguri | 183 | - | - | 183 | - | - |
| 100 | Loktak, NHPC | 89 | - | - | 89 | Data submitted by NHPC | 89 |
| 101 | Palatana GBPP | - | <u>310</u> | - | 310 | - | - |
| 102 | Arunachal Pradesh | 0 | - | - | 0 | - | - |
| 103 | Assam | 194 | - | - | 194 | - | - |
| 104 | Manipur | 0 | - | - | 0 | - | - |
| 105 | Meghalaya | 79 | <u>29</u> | - | 108 | - | - |
| 106 | Nagaland | 0 | - | - | 0 | - | - |
| 107 | Tripura | 90 | - | - | 90 | - | - |
| 108 | Mizoram | 0 | - | - | 0 | - | - |

Generation Projection – Southern Region...(1)

| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14- 30 th Sep'14 (C) | TOTAL D=A+B+C | Comments / Comments From DICs (if any) | Figure as per Comments |
|--------|------------------|---------------------------------------|---|--|---------------|--|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 109 | Andhra Pradesh | 6525 | - | - | 6525 | - | - |
| 110 | Karnataka | 4587 | - | - | 4587 | Letter from Karnataka | 5322 |
| 111 | Kerala | 894 | - | - | 894 | - | - |
| 112 | Tamil Nadu | 4167 | <u>489</u> | - | 4656 | Wind Generation of 510 MW | 5166 |
| 113 | Pondy | 25 | - | - | 25 | - | 0 |
| 114 | Ramagundam | 2132 | - | - | 2132 | - | - |
| 115 | Simhadri | 712 | - | - | 712 | - | - |
| 116 | SEPL | 208 | <u>97</u> | - | 305 | - | - |
| 117 | Lanco Kondapalli | 0 | - | - | 0 | - | - |

Generation Projection – Southern Region...(2)

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| S. No. | Entity | Projections based on 3 Years Data (A) | Generation addition during 1 st Jan'14 – 30 th Jun'14 (B) | Expected Generation 1 st July'14-30 th Sep'14 (C) | TOTAL D=A+B+C | Comments/Comments From DICs (if any) | Figure as per Comments |
|--------|---------------------|---------------------------------------|---|---|---------------|--------------------------------------|------------------------|
| | | (MW) | (MW) | (MW) | (MW) | | (MW) |
| 118 | Kaiga | 601 | - | - | 601 | - | - |
| 119 | NEYVELI (EXT) TPS | 257 | - | - | 257 | - | - |
| 120 | NEYVELI TPS-II | 1029 | - | - | 1029 | - | - |
| 121 | NEYVELI TPS-II EXP | 0 | - | <u>113</u> | 113 | - | - |
| 122 | MAPS | 279 | - | - | 279 | - | - |
| 123 | Vallur | 458 | - | - | 458 | - | - |
| 124 | Meenakhshi | - | <u>193</u> | - | 193 | - | - |
| 125 | Kudankulam | - | - | <u>910</u> | 910 | - | - |
| 126 | Import from Talcher | 1533 | - | - | 1533 | - | - |

Expected Generation addition – Northern Region (1)

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| | | Generation After 1 st January '14 till 30 th June'14 | | | | Expected Generation Likely to be declared Commercial from 1 st July' 2014 to 30 th Sep '2014 | | | | |
|-------------|--------------------|--|--------------------|-----------------|-------|--|----------|--------------------|-----------------|-------|
| Entity | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total |
| | | | (MW) | (MW) | (MW) | | | (MW) | (MW) | (MW) |
| Delhi | Pragati CCGT - III | 2 | 250 | 69 | 69 | | | | | |
| Uttarakhand | Bhilangana | 1 | 8 | 5 | 14 | | | | | |
| | Bhilangana | 2 | 8 | 5 | | | | | | |
| | Bhilangana | 3 | 8 | 5 | | | | | | |
| Punjab | Rajpura TPP | 1 | 700 | 458 | 458 | Rajpura TPP | 2 | 700 | 458 | 890 |
| | | | | | | Talwandi Saboo | 1 | 660 | 432 | |
| Rajasthan | Chhabra-II | 3 | 250 | 161 | 1000 | Chhabra-II | 4 | 250 | 161 | 161 |
| | Kawai | 2 | 660 | 432 | | | | | | |
| | Kalisindh | 1 | 600 | 393 | | | | | | |
| | Ramgarh GT | 1 | 50 | 15 | | | | | | |

Expected Generation addition – Northern Region...(2)

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| Generation After 1 st January '14 till 30 th June'14 | | | | | | Expected Generation Likely to be declared Commercial from 1 st July' 2014 to 30 th Sep '2014 | | | | |
|--|-------------|----------|--------------------|-----------------|-------|--|----------|--------------------|-----------------|-------|
| Entity | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total |
| | | | (MW) | (MW) | (MW) | | | (MW) | (MW) | (MW) |
| Rihand | Rihand | 6 | 500 | 327 | 327 | | | | | |
| URI II HPS | Uri II | 4 | 60 | 24 | 24 | | | | | |
| Parbati III | Parbati III | 1 | 130 | 51 | 206 | | | | | |
| | Parbati III | 2 | 130 | 51 | | | | | | |
| | Parbati III | 3 | 130 | 51 | | | | | | |
| | Parbati III | 4 | 130 | 51 | | | | | | |

Expected Generation addition – Eastern Region

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| Generation After 1 st January '14 till 30 th June'14 | | | | | | Expected Generation Likely to be declared Commercial from 1 st July' 2014 to 30 th Sep '2014 | | | | |
|--|---------------------|----------|--------------------|-----------------|-------|--|----------|--------------------|-----------------|-------|
| Entity | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total |
| | | | (MW) | (MW) | (MW) | | | (MW) | (MW) | (MW) |
| West Bengal | Durgapur TPS Extn | 8 | 250 | 0 | 0 | | | | | |
| Kamalanga TPP (GMR) | Kamalanga TPP (GMR) | 2 | 350 | 225 | 451 | | | | | |
| | Kamalanga TPP (GMR) | 3 | 350 | 225 | | | | | | |
| Barh | | | | | | Barh STPP | 4 | 660 | 432 | 432 |
| JITPL | | | | | | JITPL | 1 | 600 | 393 | 393 |

Expected Generation addition – Western Region...(1)

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| Generation After 1 st January '14 till 30 th June'14 | | | | | | Expected Generation Likely to be declared Commercial from 1 st July' 2014 to 30 th Sep '2014 | | | | |
|--|-----------------------------|----------|----------------------------|-------------------------|---------------|--|----------|----------------------------|-------------------------|---------------|
| Entity | Bus Name | Unit No. | Installed Capacity (MW) | Gen. considered (MW) | Total (MW) | Bus Name | Unit No. | Installed Capacity (MW) | Gen. considered (MW) | Total (MW) |
| MP | Satpura TPP Extn | 11 | 250 | 161 | 554 | | | | | |
| | Malwa | 1 | 600 | 393 | | | | | | |
| Maharashtra | Vidarbha Power Ltd. | 2 | 300 | 193 | 1860 | Nasik (Sinner) (india-bulls) | 2 | 270 | 174 | 174 |
| | Bela TPP | 1 | 270 | 174 | | | | | | |
| | Bhusawal II | 2 | 500 | 327 | | | | | | |
| | India Bulls Amravati | 2 | 270 | 174 | | | | | | |
| | Nasik(Sinner) (india-bulls) | 1 | 270 | 174 | | | | | | |
| | EMCO Warora | 2 | 300 | 193 | | | | | | |
| | Tirora TPP Ph-II | 2 | 660 | 432 | | | | | | |
| | Dhariwal TPP | 1 | 300 | 193 | | | | | | |

Expected Generation addition – Western Region (2)

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| Generation After 1 st January '14 till 30 th June'14 | | | | | | Expected Generation Likely to be declared Commercial from 1 st July' 2014 to 30 th Sep '2014 | | | | |
|--|--------------------|----------|--------------------|-----------------|-------|--|----------|--------------------|-----------------|-------|
| Entity | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total |
| | | | (MW) | (MW) | (MW) | | | (MW) | (MW) | (MW) |
| Chhattisgarh | Marwa TPS | 1 | 500 | 327 | 327 | | | | | |
| Gujarat | Pipavav | Block 1 | 351 | 97 | 97 | | | | | |
| Vindhyachal | Vindhychal St-IV | 12 | 500 | 327 | 327 | | | | | |
| Mauda | Mauda | 2 | 500 | 330 | 330 | | | | | |
| BALCO | | | | | | BALCO | 2 | 300 | 193 | 193 |
| KSK Mahanadi | | | | | | KSK Mahanadi | 2 | 600 | 393 | 393 |
| Vandana Vidyut | Vandana Vidyut TPP | 1 | 135 | 87 | 87 | | | | | |

Expected Generation addition – Western Region (3)

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| Generation After 1 st January '14 till 30 th June'14 | | | | | | Expected Generation Likely to be declared Commercial from 1 st July' 2014 to 30 th Sep '2014 | | | | |
|--|--------------|----------|--------------------|-----------------|-------|--|----------|--------------------|-----------------|-------|
| Entity | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total |
| | | | (MW) | (MW) | (MW) | | | (MW) | (MW) | (MW) |
| Sasan UMPP | Sasan UMPP | 2 | 660 | 432 | 432 | Sasan UMPP | 4 | 660 | 432 | 864 |
| | | | | | | Sasan UMPP | 3 | 660 | 432 | |
| Tamnar TPP | Tamnar TPP | 1 | 600 | 393 | 786 | Tamnar TPP | 3 | 600 | 393 | 393 |
| | Tamnar TPP | 2 | 600 | 393 | | | | | | |
| DGEN | | | | | | DGEN | 1 | 400 | 200 | 400 |
| | | | | | | DGEN | 2 | 400 | 200 | |
| DB Power Ltd. | DB Power Ltd | 1 | 600 | 393 | 393 | DB Power Ltd | 2 | 600 | 393 | 393 |
| Korba West | | | | | | Korba West | 1 | 600 | 393 | 393 |
| Dhariwal | | | | | | Dhariwal TPP | 2 | 300 | 193 | 193 |
| JP Nigrie | | | | | | JP Nigrie | 1 | 660 | 432 | 432 |

Expected Generation addition – Southern Region

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| Generation After 1 st January '14 till 30 th June'14 | | | | | | Expected Generation Likely to be declared Commercial from 1 st July' 2014 to 30 th Sep '2014 | | | | |
|--|----------------------|----------|--------------------|-----------------|-------|--|----------|--------------------|-----------------|-------|
| Entity | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total |
| | | | (MW) | (MW) | (MW) | | | (MW) | (MW) | (MW) |
| Tamil Nadu | North Chennai Stg II | 1 | 600 | 393 | 489 | | | | | |
| | Tuticorin TPP-II | 2 | 150 | 97 | | | | | | |
| SEPL | SEPL | 3 | 150 | 97 | 97 | | | | | |
| NEYVELI TPS-II EXP | | | | | | NEYVELI TPS-II EXP | 1 | 250 | 113 | 113 |
| Meenakhshi | Meenakhshi | 1 | 150 | 97 | 193 | | | | | |
| | Meenakhshi | 2 | 150 | 97 | | | | | | |
| Kudankulam | | | | | | Kudankulam | 1 | 1000 | 910 | 910 |

Expected Generation addition –North Eastern Region

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| Generation After 1 st January '14 till 30 th June'14 | | | | | | Expected Generation Likely to be declared Commercial from 1 st July' 2014 to 30 th Sep '2014 | | | | |
|--|-------------------------|----------|--------------------|-----------------|-------|--|----------|--------------------|-----------------|-------|
| Entity | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total | Bus Name | Unit No. | Installed Capacity | Gen. considered | Total |
| | | | (MW) | (MW) | (MW) | | | (MW) | (MW) | (MW) |
| Palatana GBPP | Palatana GBPP | BLK 1 | 363 | 310 | 310 | | | | | |
| Meghalaya | Meghalaya Power Limited | 2 | 45 | 29 | 29 | | | | | |