

(d) Based on the demand projection of the 18th EPS, during Twelfth Five Year Plan, the Generation capacity addition target planned from conventional sources is 88,537 MW and from renewable sources is 30,000 MW. With this capacity addition, the projected demand for power, as per 18th EPS on All India basis, is likely to be met by the terminal year of the Twelfth Five Year Plan. Further, the Government of India has advised States/UTs to tie up power to meet their requirement, based on their anticipated demand supply scenario.

Statement

*The details of the total installed power generation capacity/
actual preset capacity in each mode*

| Mode of Generation | Installed Capacity/Actual Capacity (MW) |
|--|---|
| Thermal | 177378.59 |
| Hydro | 40798.76 |
| Nuclear | 4780.00 |
| Renewable Energy Sources (As on 31.03.2014) | 31692.14 |
| TOTAL | 254649.49 |

Changes in Standard Bid Documents

860. SHRI TARUN VIJAY: Will the Minister of POWER be pleased to state:

(a) whether the current Standard Bid Documents (SBDs) have helped the electricity producers to contractually conclude about 40,000 MW in a short time and if so, the details thereof;

(b) whether Government is considering any changes in SBDs; and

(c) whether the power companies have opposed these changes and if so, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI PIYUSH GOYAL): (a) and (b) The Standard Bidding Document for procurement of power by Distribution Licensees were issued for Case-II and Case-I types of bidding in 2006 and 2009 respectively. Based on information available from the Forum of Regulators (FoR), details of projects awarded on the basis of these documents are given in the Statement-I and Statement-II sespectively (*See below*). Due to issues pertaining to fuel risk, bidding framework, technical and financial criteria, etc., these documents were reviewed and replaced by Model Bidding Documents in 2013.

(c) At the time of revision of earlier Standard Bidding Documents, some power companies had raised concerns regarding departure from the existing Build, Own and

Operate (BOO) Model, termination provisions, technical and operating parameters, role of Independent Engineer, bankability of the projects under new model and fuel availability risk etc.

Statement-I

*The details of thermal power projects concluded under Case-II
Tariff based competitive bidding are as under*

| Sl. No. | Name of Project | Location | Capacity (MW) |
|---------|--|-------------|---------------|
| | Haryana | | |
| 1. | Jhajjar | Jhajjar | 2x660 |
| | Punjab | | |
| 2. | Talwandi Saboo | Mansa | 3x660 |
| 3. | Rajpura | Patiala | 2x660 |
| | Rajasthan | | |
| 4. | Banswara TPP | Banswara | 2x660 |
| | Madhya Pradesh | | |
| 5. | Shahpura | Jabalpur | 2x660 |
| 6. | Sasan UMPP | Sasan | 4000 |
| | Uttar Pradesh | | |
| 7. | Anpara 'C' | Sonebhadra | 2x600 |
| 8. | Bara | Allahabad | 3x660 |
| 9. | Karchanna | Allahabad | 2x660 |
| 10. | Jawaharpur TPP | Etah | 2x660 |
| 11. | Dopaha TPP | Sonebhadra | 3x660 |
| 12. | Yamuna Expressway | Bulandshahr | 3x660 |
| | Chhattisgarh | | |
| 13. | Bhaiyathan | Surguja | 2x660 |
| | Maharashtra | | |
| 14. | Maharashtra Industrial Development Corporation | Bhadrawati | 2x660 |
| 15. | Dhopave TPP | Ratnagiri | 3x660 |
| | Karnataka | | |
| 16. | Gulbarga TPP | Gulbarga | 2x660 |
| 17. | Ghatprabha | Belgaum | 2x660 |
| | Gujarat | | |
| 18. | Mundra UMPP | Mundra | 4000 |
| | TOTAL | | 32,300 |

Statement-II*Details of projects awarded on the basis of Competitive Bidding Projects under Case-1*

| Sl.No. | Name of State | Fuel type | Name of power project | Name of developer | Capacity of project (MW) | Quantum procured (MW) |
|--------|---------------|-----------------------|---|----------------------------------|--------------------------|-----------------------|
| 1. | Haryana | Coal Based | Mundra TPS Phase - IV | Adani Power Ltd. | 3 x 660 | 1980 |
| 2. | Haryana | Coal Based | Kamalanga TPP | PTC (GMR) India Ltd. | 1050 | 1050 |
| 3. | Haryana | Coal Based | Lanco Babandh | Lanco | 389 | 389 |
| 4. | Maharashtra | Imported/ Domestic | M/s Adani Power Maharashtra Ltd., at Tiroda, Dist. Gondia. | M/s Adani Power Maharashtra Ltd. | 5x660 | 1320 |
| 5. | Maharashtra | Coal Linkage | M/s Lanco Mahanadi Power Ltd. at Mandva, Dist. Wardha | M/s Lanco Mahanadi Power Ltd. | 2x660 | 680 |
| 6. | Maharashtra | Imported | M/s JSWER Ltd. at Jaigad, Dist. Ratanagiri | M/s JSWER Ltd. at Jaigad | 3x660 | 300 |
| 7. | Maharashtra | Imported/ Domestic | M/s Adani Power Maharashtra Ltd., at Tiroda, Dist. Gondia | M/s Adani Power Maharashtra Ltd. | 5x660 | 1200 |
| 8. | Maharashtra | Domestic | M/s Emco Energy Ltd. MIDC, Warora, Dist. Chandrapur | M/s Emco Energy Ltd. | 1x300 | 200 |
| 9. | Maharashtra | Domestic | M/s Indiabulls Power Ltd., at Nandgaonpeth, Dist. Amaravati | M/s Indiabulls Power Ltd. | 2x660 | 1200 |

| | | | | | | |
|-----|----------------|-----------------------|--|---|------------------|-------|
| 10. | Gujarat | Imported | Mundra Power Project | M/s Adani Power Limited, Mundra | 330 x4 | 1000 |
| 11. | Gujarat | Linkage coal | Chakabura Power Project, Korba | M/s Aryan Coal Beneficiations Ltd. | 125x 2 | 200 |
| 12. | Gujarat | Imported | Mundra Power Project | M/s Adani Power Limited, Mundra | 660 x2 | 1000 |
| 13. | Gujarat | Imported Coal | Salaya Power Project | M/s Essar Power Gujarat Limited | 500 x2 | 1000 |
| 14. | Gujarat | Domestic | M/s KSK Mahanadi Power Company Ltd. | M/s KSK Mahanadi Power Company Ltd. | 600x3 | 1010 |
| 15. | Gujarat | Imported Coal | M/s Shapporji Pallonji and Co. Ltd. | M/s Shapporji Pallonji and Energy Gujarat Pvt. Ltd. | 660 x 2 | 800 |
| 16. | Gujarat | Imported Coal | M/s Essar Power Gujarat Ltd. | M/s Essar Power Gujarat Ltd. | 600x2 + 660x2 | 800 |
| 17. | Rajasthan | Imported/ Domestic | Kawai Super Critical Thermal Power Project | M/s Adani Rajsthan Power Ltd., Ahmedabad | 1320 | 1200 |
| 18. | Madhya Pradesh | Domestic Coal | Chitrangi Power Project | M/s Reliance Power Ltd. | 3960 | 1241 |
| 19. | Madhya Pradesh | Domestic Coal | Mahan Thermal Power Project | M/s Essar Power Ltd. | 1200 | 150 |
| | | | | | TOTAL | 16720 |