

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.863  
TO BE ANSWERED ON 21.07.2016**

**POWER GENERATION**

**863. SHRI KODIKUNNIL SURESH:**

**Will the Minister of POWER  
be pleased to state:**

- (a) the details of the current status of power production in the country as compared to power production during the last three years;**
- (b) whether power production is at par with the demand, if so, the demand and supply details, State/UT-wise;**
- (c) whether Government is aware that electricity production sector is facing the problems due to fuel shortage; and**
- (d) if so, the details thereof and the steps taken by the Government to ensure fuel sustainability to power producers?**

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,  
COAL, NEW & RENEWABLE ENERGY AND MINES**

**( SHRI PIYUSH GOYAL )**

- (a) : The details of the power generation in the country for the last three years as well as up to June, 2016 of the current year is at Annex-I.**
- (b) : The demand and supply details of States/UTs is at Annex-II.**
- (c) & (d) : None of the power plants have reported generation loss due to coal shortage during 2015-16 because of various measures taken by Central Government to enhance the coal production. However, as reported by the power utilities to Central Electricity Authority, there has been shortage of gas for gas based power projects.**

**To revive and improve utilization of the stranded gas based power generation capacity in the country, Government of India has sanctioned a scheme for utilization of gas based power generation capacity for the years 2015-16 and 2016-17. The scheme envisages supply of imported spot RLNG to the stranded gas based plants as well as plants receiving domestic gas, selected through a reverse e-bidding process. The scheme also envisages sacrifices to be made collectively by all stakeholders and support from PSDF (Power System Development Fund).**

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**ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 863  
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| <b>Region-wise State-wise Generation during the current year and last three years</b> |                               |                        |                        |                        |
|---|-------------------------------|------------------------|------------------------|------------------------|
| <b>State</b>  | <b>2016-17 (upto Jun.'16)</b> | <b>2015-16</b>         | <b>2014-15</b>         | <b>2013-14</b>         |
|   | <b>Generation (MU)</b>        | <b>Generation (MU)</b> | <b>Generation (MU)</b> | <b>Generation (MU)</b> |
| <b>BBMB</b>   | <b>2787.15</b>                | <b>11818.9</b>         | <b>10599.78</b>        | <b>12125.01</b>        |
| <b>DELHI</b>  | <b>1808.12</b>                | <b>6206.1</b>          | <b>8722.83</b>         | <b>8637.67</b>         |
| <b>HARYANA</b>  | <b>5675.08</b>                | <b>22247.14</b>        | <b>28748.61</b>        | <b>26374.22</b>        |
| <b>HIMACHAL PRADESH</b>   | <b>8962.84</b>                | <b>27087.49</b>        | <b>23319.13</b>        | <b>21680.66</b>        |
| <b>JAMMU AND KASHMIR</b>  | <b>5377.19</b>                | <b>15136.15</b>        | <b>14485.02</b>        | <b>12426.79</b>        |
| <b>PUNJAB</b>   | <b>7144.59</b>                | <b>23342.89</b>        | <b>22960.9</b>         | <b>20731.49</b>        |
| <b>RAJASTHAN</b>  | <b>13889.19</b>               | <b>53947.35</b>        | <b>54185.92</b>        | <b>45851.36</b>        |
| <b>UTTAR PRADESH</b>  | <b>29935.35</b>               | <b>111329.53</b>       | <b>111901.74</b>       | <b>111843.01</b>       |
| <b>UTTARAKHAND</b>  | <b>3071.4</b>                 | <b>12765.92</b>        | <b>11439.22</b>        | <b>11025.01</b>        |
|   |                               |                        |                        |                        |
| <b>CHHATTISGARH</b>   | <b>26669.79</b>               | <b>89513.29</b>        | <b>79710.57</b>        | <b>70930.12</b>        |
| <b>GOA</b>  | <b>0</b>                      | <b>0</b>               | <b>12.61</b>           | <b>241.32</b>          |
| <b>GUJARAT</b>  | <b>24970.53</b>               | <b>104917.26</b>       | <b>105538.54</b>       | <b>97198.69</b>        |
| <b>MADHYA PRADESH</b>   | <b>25059</b>                  | <b>95740.5</b>         | <b>75212.47</b>        | <b>59646.87</b>        |
| <b>MAHARASHTRA</b>  | <b>28956.68</b>               | <b>117244.43</b>       | <b>107309.21</b>       | <b>94699.94</b>        |
|   |                               |                        |                        |                        |
| <b>ANDHRA PRADESH</b>   | <b>16068.3</b>                | <b>58230.59</b>        | <b>45245.42</b>        | <b>45526.85</b>        |
| <b>KARNATAKA</b>  | <b>10584.38</b>               | <b>47553.25</b>        | <b>50163.29</b>        | <b>49364.51</b>        |
| <b>KERALA</b>   | <b>1293.12</b>                | <b>6653.34</b>         | <b>8034.17</b>         | <b>9249.8</b>          |
| <b>LAKSHADWEEP</b>  |                               |                        |                        |                        |
| <b>PUDUCHERRY</b>   | <b>60.84</b>                  | <b>227.59</b>          | <b>102.14</b>          | <b>256.97</b>          |
| <b>TAMIL NADU</b>   | <b>22290.69</b>               | <b>76406.83</b>        | <b>71418.41</b>        | <b>62210.7</b>         |
| <b>TELANGANA</b>  | <b>9516.57</b>                | <b>36868.2</b>         | <b>40901.97</b>        | <b>39152.87</b>        |
|   |                               |                        |                        |                        |
| <b>ANDAMAN NICOBAR</b>  | <b>45.03</b>                  | <b>182.85</b>          | <b>153.76</b>          | <b>171.49</b>          |
| <b>BIHAR</b>  | <b>6340.18</b>                | <b>20827.01</b>        | <b>18272.27</b>        | <b>14939.36</b>        |
| <b>DVC</b>  | <b>8710.05</b>                | <b>28029.93</b>        | <b>25551.11</b>        | <b>28115.29</b>        |
| <b>JHARKHAND</b>  | <b>3870.53</b>                | <b>15933.67</b>        | <b>14621.88</b>        | <b>14345.18</b>        |
| <b>ORISSA</b>   | <b>14223.82</b>               | <b>57221.8</b>         | <b>51332.44</b>        | <b>46212.19</b>        |
| <b>SIKKIM</b>   | <b>1106.07</b>                | <b>3551.92</b>         | <b>3345.29</b>         | <b>2945.38</b>         |
| <b>WEST BENGAL</b>  | <b>13430.31</b>               | <b>46946.62</b>        | <b>49742.02</b>        | <b>46069.88</b>        |
|   |                               |                        |                        |                        |
| <b>ARUNACHAL PRADESH</b>  | <b>380.56</b>                 | <b>1280.25</b>         | <b>1109.48</b>         | <b>980.94</b>          |
| <b>ASSAM</b>  | <b>1498.17</b>                | <b>4522.12</b>         | <b>4299.84</b>         | <b>4365.22</b>         |
| <b>MANIPUR</b>  | <b>175.99</b>                 | <b>536.64</b>          | <b>372.44</b>          | <b>639.84</b>          |
| <b>MEGHALAYA</b>  | <b>257.63</b>                 | <b>1035.99</b>         | <b>863.15</b>          | <b>981.61</b>          |
| <b>MIZORAM</b>  | <b>-</b>                      | <b>-</b>               | <b>-</b>               | <b>-</b>               |
| <b>NAGALAND</b>   | <b>33.3</b>                   | <b>163.14</b>          | <b>165.15</b>          | <b>245.71</b>          |
| <b>TRIPURA</b>  | <b>1319.6</b>                 | <b>5109.38</b>         | <b>3824.44</b>         | <b>2366.49</b>         |
|   |                               |                        |                        |                        |
| <b>Bhutan (IMP)</b>   | <b>968.86</b>                 | <b>5244.21</b>         | <b>5007.74</b>         | <b>5597.9</b>          |
|   |                               |                        |                        |                        |
|   | <b>296480.91</b>              | <b>1107822.28</b>      | <b>1048672.96</b>      | <b>967150.34</b>       |

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**Requirement and Availability of Energy for Current year upto June and Past 3 Years**

| State /                 | April, 2016 -<br>June,2016 |                             | April, 2015 -<br>March,2016 |                             | April, 2014 -<br>March,2015 |                             | April, 2013 -<br>March,2014 |                         |
|-------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|
|                         | Require-<br>ment<br>( MU ) | Availa-<br>bility<br>( MU ) | Require-<br>ment<br>( MU )  | Availa-<br>bility<br>( MU ) | Require-<br>ment<br>( MU )  | Availa-<br>bility<br>( MU ) | Require-<br>ment<br>( MU )  | Availa-bility<br>( MU ) |
| Chandigarh              | 489                        | 489                         | 1607                        | 1607                        | 1616                        | 1616                        | 1,574                       | 1,574                   |
| Delhi                   | 9413                       | 9397                        | 29626                       | 29583                       | 29231                       | 29106                       | 26,867                      | 26,791                  |
| Haryana                 | 12611                      | 12611                       | 47506                       | 47437                       | 46615                       | 46432                       | 43,463                      | 43,213                  |
| Himachal Pradesh        | 2169                       | 2156                        | 8821                        | 8758                        | 8807                        | 8728                        | 9,089                       | 8,883                   |
| Jammu & Kashmir         | 4403                       | 3600                        | 16572                       | 14037                       | 16214                       | 13119                       | 15,613                      | 12,187                  |
| Punjab                  | 14081                      | 14081                       | 49687                       | 49675                       | 48629                       | 48144                       | 47,821                      | 47,084                  |
| Rajasthan               | 17190                      | 17168                       | 67417                       | 67205                       | 65717                       | 65310                       | 58,202                      | 58,042                  |
| Uttar Pradesh           | 28155                      | 27256                       | 106351                      | 93033                       | 103179                      | 87062                       | 94,890                      | 81,613                  |
| Uttarakhand             | 3405                       | 3380                        | 12889                       | 12675                       | 12445                       | 12072                       | 11,944                      | 11,493                  |
| Northern Region         | 91917                      | 90139                       | 340476                      | 324009                      | 332453                      | 311589                      | 309,463                     | 290,880                 |
| Chhattisgarh            | 6164                       | 6140                        | 25649                       | 25309                       | 21499                       | 21230                       | 18,932                      | 18,800                  |
| Gujarat                 | 28292                      | 28292                       | 103544                      | 103540                      | 96235                       | 96211                       | 88,497                      | 88,488                  |
| Madhya Pradesh          | 15428                      | 15427                       | 62374                       | 62374                       | 53374                       | 53082                       | 49,410                      | 49,385                  |
| Maharashtra             | 36650                      | 36613                       | 141817                      | 141361                      | 134897                      | 133078                      | 126,288                     | 123,672                 |
| Daman & Diu             | 595                        | 595                         | 2337                        | 2337                        | 2086                        | 2086                        | 2,252                       | 2,252                   |
| Dadar Nagar Haveli      | 1524                       | 1524                        | 5925                        | 5925                        | 5307                        | 5304                        | 5,390                       | 5,388                   |
| Goa                     | 1271                       | 1269                        | 5120                        | 5119                        | 3969                        | 3932                        | 3,890                       | 3,871                   |
| Western Region          | 89925                      | 89862                       | 346768                      | 345966                      | 317367                      | 314923                      | 294,659                     | 291,856                 |
| Andhra Pradesh          | 13162                      | 13127                       | 50436                       | 50366                       | 59198                       | 56313                       | 95,662                      | 89,036                  |
| Telangana               | 12043                      | 12039                       | 50254                       | 49948                       | 43337                       | 40644                       | -                           | -                       |
| Karnataka               | 16291                      | 16063                       | 64302                       | 60971                       | 62643                       | 59926                       | 64,150                      | 58,052                  |
| Kerala                  | 6296                       | 6277                        | 23318                       | 23194                       | 22459                       | 22127                       | 21,577                      | 21,052                  |
| Tamil Nadu              | 27375                      | 27367                       | 97276                       | 96586                       | 95758                       | 92750                       | 93,508                      | 87,980                  |
| Pondicherry             | 677                        | 676                         | 2437                        | 2429                        | 2402                        | 2376                        | 2,344                       | 2,320                   |
| Lakshadweep#            | 12                         | 12                          | 48                          | 48                          | 48                          | 48                          | 48                          | 48                      |
| Southern Region         | 75845                      | 75549                       | 288025                      | 283494                      | 285797                      | 274136                      | 277,245                     | 258,444                 |
| Bihar                   | 6848                       | 6705                        | 23961                       | 23659                       | 19294                       | 18759                       | 15,391                      | 14,759                  |
| DVC                     | 4626                       | 4599                        | 18437                       | 18234                       | 18222                       | 17728                       | 17,407                      | 17,296                  |
| Jharkhand               | 2040                       | 2034                        | 7735                        | 7561                        | 7599                        | 7390                        | 7,143                       | 7,007                   |
| Odisha                  | 7186                       | 7184                        | 26762                       | 26600                       | 26482                       | 26052                       | 24,958                      | 24,546                  |
| West Bengal             | 13175                      | 13128                       | 47359                       | 47194                       | 47086                       | 46827                       | 42,891                      | 42,762                  |
| Sikkim                  | 124                        | 124                         | 399                         | 399                         | 399                         | 399                         | 413                         | 413                     |
| Andaman-<br>Nicobar#    | 60                         | 45                          | 240                         | 180                         | 240                         | 180                         | 240                         | 180                     |
| Eastern Region          | 34000                      | 33775                       | 124654                      | 123646                      | 119082                      | 117155                      | 108,203                     | 106,783                 |
| Arunachal Pradesh       | 165                        | 160                         | 626                         | 591                         | 677                         | 610                         | 552                         | 517                     |
| Assam                   | 2221                       | 2092                        | 8762                        | 8272                        | 8527                        | 7926                        | 7,544                       | 7,062                   |
| Manipur                 | 171                        | 163                         | 840                         | 810                         | 705                         | 678                         | 579                         | 548                     |
| Meghalaya               | 392                        | 392                         | 1833                        | 1725                        | 1930                        | 1634                        | 1,794                       | 1,604                   |
| Mizoram                 | 119                        | 116                         | 471                         | 455                         | 455                         | 425                         | 446                         | 430                     |
| Nagaland                | 168                        | 164                         | 755                         | 739                         | 688                         | 661                         | 577                         | 561                     |
| Tripura                 | 423                        | 412                         | 1202                        | 1146                        | 1242                        | 1048                        | 1,195                       | 1,144                   |
| North-Eastern<br>Region | 3659                       | 3498                        | 14488                       | 13735                       | 14224                       | 12982                       | 12,687                      | 11,866                  |
| All India               | 295344                     | 292822                      | 111440<br>8                 | 109085<br>0                 | 1068923                     | 103078<br>5                 | 1,002,25<br>7               | 959,829                 |

# Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these, does not form part of regional requirement and availability

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