

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.2472  
TO BE ANSWERED ON 05.03.2020**

**SHORTAGE OF FUEL SUPPLY**

**2472. SHRI KURUVA GORANTLA MADHAV:**

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

- (a) whether the Government proposes to import coal to meet the shortage of fuel supply and if so, the details thereof along with the names of the countries from which it is being imported since the last three years;**
- (b) the measures taken/to be taken to overcome the challenges in fuel supply;**
- (c) the distribution details of the imported coal to the States during the said period;  
and**
- (d) the other steps to be initiated or reforms planned by the Government for the modernization of power sector?**

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP**

**( SHRI R.K. SINGH)**

**(a) : As per the current import policy, coal is kept under Open General License (OGL) and consumers are free to import coal from the source of their choice as per their contractual prices on payment of applicable duty.**

**Power plants designed on imported coal, import coal to meet their fuel requirement. However, some power plants designed on domestic coal also import coal for blending purpose to meet shortfall, if any, keeping in view their cost economics.**

**Coal imported by coal based thermal power plants designed on domestic coal and designed on imported coal during last three years and current year is as under:**

**(Figures in MT)**

| <b>Year</b>                         | <b>Import for blending</b> | <b>Import for power plants designed on imported coal</b> | <b>Total Import</b> |
|-------------------------------------|----------------------------|--|---------------------|
| <b>2016-17</b>                      | <b>19.8</b>                | <b>46.4</b>  | <b>66.2</b>         |
| <b>2017-18</b>                      | <b>17.0</b>                | <b>39.4</b>  | <b>56.4</b>         |
| <b>2018-19</b>                      | <b>21.4</b>                | <b>40.3</b>  | <b>61.7</b>         |
| <b>2019-20<br/>(Apr'19-Jan' 20)</b> | <b>20.2</b>                | <b>37.9</b>  | <b>58.1</b>         |

The list of countries from which coal, coke, coal product and lignite were imported during the last 3 years and current year (Apr'19- Nov'19) is at Annexure-I.

**(b) :** The Government has taken following steps to check the shortage and augment coal supply to thermal power plants:

**(i)** Coal supplies to Power sector is monitored regularly by an Inter-Ministerial Sub Group comprising representatives from Ministries of Power, Coal, Railways, Shipping as well as from NITI Ayog, Central Electricity Authority, Coal India Limited etc. to take various operational decisions for meeting any contingent situations relating to Power Sector including critical coal stock position in power plants. Further, a committee comprising of Secretary (Coal), Secretary (Power) and Member (Traffic), Railway Board also review the coal transportation and supply on a regular basis.

**(ii)** Optimal utilization of captive modes of transport like Merry Go Round (MGR), Belts, Ropes to move coal to the concerned power plants.

**(iii)** In order to mitigate the coal shortage from supplies under Fuel Supply Agreement, coal is also being sourced from captive mines and other sources like e-auction, MoU (Bilateral/Bridge Linkage) etc.

**(c) :** The State-wise receipt of imported coal during the last 3 years and current year (Apr'19- Jan'20) is at Annexure-II.

**(d) :** The following steps have been taken by the Government/ Power Developers for the modernization of power sector:

**(i)** The Ministry of Power had decided that 13<sup>th</sup> Plan Capacity addition from coal based generation shall be based on supercritical technology excluding those plants for which clearances had been granted based on sub-critical technology. The thermal efficiency of supercritical units is typically about 2% higher than that of subcritical units.

**(ii)** Government of India is providing financial assistance to the states under various schemes such as Integrated Power Development Scheme (IPDS)/R-APDRP and National Smart Grid Mission (NSGM) etc. for modernization of the Distribution system.

**(iii)** Renovation & Modernization of old plants to meet new environmental norms.

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**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2472 TO BE ANSWERED IN THE LOK SABHA ON 05.03.2020.**

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**LIST OF COUNTRIES**

| 2016-17         | 2017-18         | 2018-19         | 2019-20 (Apr'19- Nov'19) |
|-----------------|-----------------|-----------------|--------------------------|
| Australia       | Australia       | Australia       | Australia                |
| Belarus         | Austria         | Austria         | Baharain Is              |
| Canada          | Canada          | Bangladesh Pr   | Bangladesh Pr            |
| Chile           | Chile           | Belgium         | Bhutan                   |
| China P Rp      | China P Rp      | Bhutan          | Canada                   |
| Colombia        | Colombia        | Canada          | China P Rp               |
| Estonia         | Denmark         | Chile           | Colombia                 |
| Germany         | Egypt A Rp      | China P Rp      | Cyprus                   |
| Indonesia       | Estonia         | Colombia        | Denmark                  |
| Iran            | Finland         | Cyprus          | Egypt A Rp               |
| Ireland         | Germany         | Denmark         | Estonia                  |
| Italy           | Indonesia       | Egypt A Rp      | Finland                  |
| Japan           | Iran            | Estonia         | Germany                  |
| Latvia          | Ireland         | Finland         | Hong Kong                |
| Lithuania       | Italy           | Germany         | Iceland                  |
| Macao           | Japan           | Hong Kong       | Indonesia                |
| Malaysia        | Korea Rp        | Indonesia       | Iran                     |
| Mozambique      | Kuwait          | Iran            | Ireland                  |
| Netherland      | Latvia          | Ireland         | Japan                    |
| New Zealand     | Lithuania       | Italy           | Latvia                   |
| Philippines     | Malaysia        | Japan           | Lithuania                |
| Poland          | Mexico          | Kazakhstan      | Malaysia                 |
| Russia          | Mozambique      | Kenya           | Mexico                   |
| Saudi Arab      | Netherland      | Korea Rp        | Mozambique               |
| South Africa    | New Zealand     | Latvia          | Netherland               |
| U Arab Emts     | Philippines     | Lithuania       | New Zealand              |
| U K             | Poland          | Malaysia        | Nigeria                  |
| U S A           | Russia          | Malta           | Philippines              |
| Ukraine         | Saudi Arab      | Mexico          | Poland                   |
| Vietnam Soc Rep | South Africa    | Morocco         | Qatar                    |
| Virgin Is Us    | Spain           | Mozambique      | Russia                   |
| Unspecified     | Thailand        | Netherland      | Saudi Arab               |
|                 | U K             | New Zealand     | Singapore                |
|                 | U S A           | Oman            | South Africa             |
|                 | Vietnam Soc Rep | Philippines     | Spain                    |
|                 |                 | Poland          | Switzerland              |
|                 |                 | Qatar           | U Arab Emts              |
|                 |                 | Romania         | U K                      |
|                 |                 | Russia          | U S A                    |
|                 |                 | Saudi Arab      | Venezuela                |
|                 |                 | Singapore       | Vietnam Soc Rep          |
|                 |                 | South Africa    | Virgin Is Us             |
|                 |                 | Spain           |                          |
|                 |                 | Sri Lanka Dsr   |                          |
|                 |                 | Switzerland     |                          |
|                 |                 | Thailand        |                          |
|                 |                 | Turkey          |                          |
|                 |                 | U Arab Emts     |                          |
|                 |                 | U K             |                          |
|                 |                 | U S A           |                          |
|                 |                 | Uzbekistan      |                          |
|                 |                 | Venezuela       |                          |
|                 |                 | Vietnam Soc Rep |                          |

Source: DGCI&S, KOLKATA

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**ANNEXURE-II**

**ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2472 TO BE ANSWERED IN THE LOK SABHA ON 05.03.2020.**

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(Figures in '000 Tonnes)

**State-wise Receipt of Imported Coal by the Power Plants during 2016-17 to 2019-20 (APR-JAN)**

| State                   | 2019-20 (Apr-Jan) | 2018-19      | 2017-18      | 2016-17      |
|-------------------------|-------------------|--------------|--------------|--------------|
| Delhi                   | 0                 | 0            | 0            | 0            |
| Haryana                 | 379               | 116          | 0            | 66           |
| Punjab                  | 1755              | 2108         | 1340         | 883          |
| Rajasthan               | 0                 | 604          | 1662         | 2919         |
| Uttar Pradesh           | 409               | 56           | 0            | 24           |
| Chhattisgarh            | 996               | 666          | 94           | 121          |
| Gujarat                 | 26295             | 28500        | 25837        | 30764        |
| Madhya Pradesh          | 32                | 32           | 0            | 414          |
| Maharashtra             | 8976              | 7235         | 6878         | 5974         |
| Andhra Pradesh          | 6680              | 8224         | 8063         | 5417         |
| Karnataka               | 2359              | 3740         | 3923         | 5550         |
| Tamil Nadu              | 9418              | 9262         | 7847         | 12259        |
| Telangana               | 0                 | 0            | 0            | 0            |
| Bihar                   | 0                 | 52           | 17           | 64           |
| Jharkhand               | 89                | 245          | 0            | 11           |
| Odisha                  | 619               | 593          | 344          | 735          |
| West Bengal             | 48                | 226          | 407          | 965          |
| Assam                   | 39                | 0            | 0            | 0            |
| <b>All States-Total</b> | <b>58093</b>      | <b>61659</b> | <b>56412</b> | <b>66166</b> |

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