

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
STARRED QUESTION NO.548
TO BE ANSWERED ON 05.04.2018**

USE OF DIESEL GENSETS FOR POWER GENERATION

***548. DR. HEENA VIJAYKUMAR GAVIT:
SHRIMATI SUPRIYA SULE:**

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

- (a) whether huge diesel gensets are used by the Industrial units to generate the power required by them;**
- (b) if so, the details thereof and the quantum of such power used by heavy, medium and small industries during the last three years and the current year, State-wise;**
- (c) whether this has resulted in wastage or more usage of diesel for various purposes and if so, the loss incurred due to such usage during the above period;**
- (d) whether the use of diesel genset is increasing the input cost of products and if so, the details thereof along with the increase in input cost in terms of percentage; and**
- (e) the corrective measures being taken by the Government to increase the supply of power along with the target year fixed for electricity to all?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO.548 TO BE ANSWERED IN THE LOK SABHA ON 05.04.2018 REGARDING USE OF DIESEL GENSETS FOR POWER GENERATION.

(a) to (d) : The State-wise quantum of power used by Industries from diesel gensets during the last three years are given at Annex. The electricity consumption by industries from diesel gensets have reduced from 8868 Million Units (MUs) (0.8% of total generation) during 2014-15 to 8315 MUs (0.67% of total generation) during 2016-17. This shows that the increase in electricity demand of industries during last three years have been met from National electricity grids and dependence on diesel is reducing.

In general, use of diesel for power generation results in increase in input cost of power in the industry.

At present, there is sufficient power available in the National Electricity grid. Discoms can buy more power to give 24x7 reliable power supply to the industries. Even industries can also buy power in open Access.

(e) : To increase the supply of power and to meet the future power requirement, generation capacity from conventional sources of around 58,384 MW is under construction. Government of India have also set a target of 175 GW capacity to be achieved from renewable energy sources by the year 2022.

Government has also requested all States to ensure 24x7 power for all consumers from the year 2019.

ANNEX REFERRED TO IN PARTS (a) TO (d) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 548 TO BE ANSWERED IN THE LOK SABHA ON 05.04.2018 REGARDING USE OF DIESEL GENSETS FOR POWER GENERATION.

STATE-WISE ELECTRICITY CONSUMPTION BY INDUSTRIES HAVING CAPTIVE POWER PLANTS BASED ON DIESEL WITH DEMAND OF 1 MW & ABOVE			
Figures in (Gwh)			
State/Uts.	2014-15	2015-16	2016-17
Chandigarh	1.68	1.22	2.18
Delhi	1.33	1.54	2.17
Haryana	362.86	318.69	382.84
Himachal Pradesh	95.95	91.52	42.54
Jammu & Kashmir	3.50	3.50	2.25
Punjab	335.04	310.19	369.45
Rajasthan	558.46	575.73	677.61
Uttar Pradesh	744.01	561.18	536.75
Uttarakhand	206.26	227.18	169.67
Sub-Total(NR)	2309.09	2090.75	2185.46
Chhattisgarh	3.70	136.65	522.36
Gujarat	1454.53	1587.91	1562.40
Madhya Pradesh	129.92	205.01	251.79
Maharashtra	776.38	987.60	1528.78
Daman & Diu	0.80	0.80	1.92
D & N Haveli	2.28	2.28	2.65
Goa	70.91	67.18	94.75
Sub-Total(WR)	2438.52	2987.44	3964.65
Andhra Pradesh	67.40	74.31	59.08
Telangana	134.95	98.79	104.13
Karnataka	1206.94	1344.46	843.57
Kerala	155.71	21.18	7.78
Tamil Nadu	2028.20	541.71	540.68
Puducherry	21.11	8.45	9.24
Lakshadweep	0.00	0.00	0.00
Sub-Total(SR)	3614.31	2088.90	1564.48
Bihar	1.25	1.19	1.23
Jharkhand	6.20	9.26	5.80
Odisha	456.12	476.56	463.45
West Bengal	17.37	8.65	106.96
Sikkim	0.00	0.00	0.00
Andaman & Nicobar	0.00	0.00	0.00
Sub-Total(ER)	480.94	495.67	577.44
Arunachal Pradesh	0.00	0.00	0.00
Assam	5.97	5.73	5.75
Manipur	0.00	0.00	0.00
Meghalaya	18.92	19.39	17.59
Mizoram	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00
Tripura	0.00	0.00	0.00
Sub-Total(NER)	24.90	25.12	23.34
Total (All India)	8867.76	7687.87	8315.36

* Provisional

* Data in respect of electricity generation from captive power plants is furnished annually by industries and data for the current year 2017-18 would be furnished by industries after 31st March, 2018.
