

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA
UNSTARRED QUESTION NO. 2196
TO BE ANSWERED ON 10th DECEMBER, 2021**

OXYGEN GENERATION CAPACITY

**2196. SHRIMATI MALA ROY:
DR. DHAL SINGH BISEN:**

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) the total number of Pressure Swing Adsorption (PSA) oxygen plants that are currently functioning along with the total target for setting up PSA plants, State/UT wise and District wise;
- (b) the current daily oxygen generation capacity of these plants;
- (c) whether his Ministry has calculated/estimated the number of COVID patients that this capacity can cater to and if so, the details thereof;
- (d) the State-wise and district-wise details of the amount incurred to install these PSA plants;
- (e) whether the States have also contributed in installation of these plants; and
- (f) if so, the details of the contribution thereof?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY
WELFARE**

(DR BHARATI PRAVIN PAWAR)

(a) to (f) The Government has sanctioned 1563 Pressure Swing Adsorption (PSA) oxygen generation plants of which 1463 have been commissioned. These include 1225 PSA plants which have been installed and commissioned under PMCARES Fund in every district of the country. Additionally 338 PSA Plants are set up by PSUs of Ministry of Petroleum & Natural Gas, Ministry of Power, Ministry of Coal, Ministry of Railways etc till date. The States have also been asked to install PSA plants in public health facilities and facilitate installation of PSA plants in private health facilities. The details are as per Annexure.

The Empowered Group constituted by the Government on Emergency Management Plan and Strategy recommended that for calculation of oxygen demand, the required rates of oxygen flow in non-ICU and ICU setting is 10 and 24 litres per minute per day per case, respectively. Based on the above, these plants can support more than 1,00,000 beds/day.

The PSA Plants under PMCARES have been supplied and commissioned by the Central Government. States provided for space, 3-phase power supply, DG set for uninterrupted power supply and availability of Medical Gas Pipeline system (MGPS) for interconnection with PSA plant.

	PM CARES	GoI PSUs etc
State/ UT	Commissioned	Commissioned
A&N Island	3	0
Andhra Pradesh	28	4
Arunachal Pradesh	27	1
Assam	40	10
Bihar	62	12
Chandigarh	4	
Chhattisgarh	49	7
D&D D&D	4	
Delhi	25	18
Goa	7	
Gujarat	59	12
Haryana	40	5
Himachal Pradesh	28	1
J&K	32	
Jharkhand	38	7
Karnataka	50	36
Kerala	26	6
Ladakh	7	2
Lakshadweep	2	
Madhya Pradesh	88	20
Maharashtra	68	13
Manipur	16	1
Meghalaya	14	0
Mizoram	14	0
Nagaland	15	0
Odisha	39	9
Puducherry	8	
Punjab	41	4
Rajasthan	51	20
Sikkim	4	1
Tamil Nadu	70	7
Telangana	50	2
Tripura	14	
Uttar Pradesh	128	34
Uttarakhand	25	2
West Bengal	49	2
Other Agencies (DRDO, IRCS)		2
Total	1225	238
