

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

**LOK SABHA
UNSTARRED QUESTTON NO.1881
TO BE ANSWERED ON 30th JULY, 2021**

SETTING UP OF MEDICAL OXYGEN PLANTS

1881 SHRI HIBI EDEN:

SHRI MOHAMMED FAIZAL P.P.:

SHRI RAJENDRA DHEDYA GAVIT:

SHRIMATI RANJANBEN DHANANJAY BHATT:

SHRI THIRUNAVUKKARASAR SU:

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

- (a) whether the Government proposes to set up medical oxygen plants in each district of the country and if so, the details thereof and the timelines proposed in this regard;
- (b) the current status of completion of the already sanctioned 162 Pressure Swing Adsorption (PSA) oxygen generating plants with details about each unit including the funds disbursed as on date;
- (c) the extent to which it will bridge the shortfall of medical oxygen in the country;
- (d) whether the Government has launched any comprehensive mission to encourage entrepreneurship and generate employment in health sector keeping in view acute shortage of manpower there; and
- (e) if so, the details thereof?

**ANSWER
THE MINISTER OF STATE FOR HEALTH & FAMILY WELFARE
(DR. BHARATI PRAVIN PAWAR)**

(a) to (e): Public health is a State subject. The Central Government supplements the efforts of the State Governments in this regard. Pressure Swing Adsorption (PSA) is a technology that has been utilized by the Central Government to ensure that the public health facilities are made self-sufficient in medical oxygen. In the first phase, the Government sanctioned 162 PSA oxygen generation plants. Six plants out of these have been reallocated to DRDO for implementation. Of the remaining 156 plants, 153 plants have been installed and 151 plants have been commissioned. The details of these plants is at Annexure-I.

A total of 1222 PSA oxygen generation plants with a capacity of 1771.76 MT (including the 162 plants sanctioned in the first phase) have been sanctioned by the Government to be set up in public health facilities across the country. Out of these 1222 plants, as on 20th July, 2021, 245 plants have been commissioned. The State/UT- wise list of these plants is placed at Annexure-II. Apart from this, 351 additional PSA plants are being installed by different Ministries of Central Government in different public health facilities.

In order to augment human resource for Covid management so as to ensure adequate healthcare staff in hospitals, the Central Government after consulting the National Medical Commission (NMC) and Indian Nursing Council has issued an advisory to the States/UTs on 03rd May, 2021 vide which the following was conveyed:

- i. States/UTs were requested to utilize MBBS passed out doctors preparing for NEET (PG) to join Covid care duties.
- ii. The medical interns may be deployed in Covid Management duties under supervision of their faculty, as part of internship.
- iii. Services of final year MBBS students may be utilized for providing tele-consultation and monitoring of mild Covid cases after due orientation under the supervision of faculty.
- iv. The service of final year PG students (both broad & super-specialty) as residents may continue to be utilized. The services of Senior Residents and Registrars may also continue to be utilized for Covid duties.
- v. B.Sc / GNM qualified nurses may be utilized in full time Covid nursing duties in ICU etc under supervision of senior doctors and nurses.

vi. Final year GNM or B.Sc (Nursing) students awaiting final exam may be given Covid Nursing duties at Government / private facilities under the supervision of senior faculty.

vii. The services of Allied Health Care professionals may be utilized for assistance in Covid management based on their training and certification.

viii. The States / UTs were advised that the National Health Mission (NHM) norms for contractual human resource engagement by States / UTs may be considered for engaging additional manpower.

In addition to above, the Ministry of Skill Development and Entrepreneurship has launched the 'Customized Crash Course Programme for COVID Frontline Workers' under the central component of Pradhan Mantri Kaushal Vikas Yojana 3.0 (PMKVY 3.0) with the aim to train about one lakh COVID warriors in six healthcare related job roles. Further, under PMKVY 2.0, approximately 1.16 lakh candidates have been trained and 0.55 lakh candidates placed in the Healthcare sector.

Annexure-I

Status of 162 PSA Plants

No.	State	PSA Site	PSA in LPM	Status
1.	Andhra Pradesh	Kurnool Medical College, Kurnool, Kurnool District	1000	Commissioned
2.	Andhra Pradesh	Rangaraya Medical College, Kakinada, East Godavari District	1000	Commissioned
3.	Andhra Pradesh	Andhra Medical College, Visakhapatnam, Visakhapatnam District	2000	Commissioned
4.	Andhra Pradesh	SVRRGGH TirupathiChittor District	900	Commissioned
5.	Andhra Pradesh	Guntur Medical College, Guntur Andhra Pradesh	1200	Site reallocated to DRDO
6.	Assam	Civil Hospital Golaghat	200	Commissioned
7.	Assam	RNB Civil Hospital	200	Commissioned
8.	Assam	Sub-Divisional Civil Hospital, BokakhatGolaghat,	200	Commissioned
9.	Assam	Singimari Model Hospital Kamrup Rural	100	Commissioned
10.	Assam	B.P. Civil Hospital Nagaon,	300	Commissioned
11.	Assam	Tinsukia Civil Hospital	300	Commissioned
12.	Bihar	Sadar Hospital, Araria, Bihar	200	Commissioned
13.	Bihar	Sadar Hospital, Aurangabad, Bihar	200	Commissioned
14.	Bihar	Sadar Hospital, Sitamarhi, Bihar	200	Commissioned
15.	Bihar	Sadar Hospital, Muzaffarpur, Bihar	300	Commissioned
16.	Bihar	Sadar Hospital, Katihar, Bihar	300	Commissioned
17.	Chandigarh	GMSH-16, Chd	500	Commissioned
18.	Chandigarh	GMCH-48, Chd	100	Commissioned
19.	Chandigarh	GMCH-32, Chd	1000	Commissioned
20.	Chhattishgarh	District Hospital, MCH, Near Collectorate, Panchsheel Nagar Balodabazar	200	Commissioned
21.	Chhattishgarh	District Hospital, Kondagaon	200	Commissioned
22.	Chhattishgarh	District Hospital, Jila Panchayat Mungeli,	200	Commissioned

23.	Chhattishgarh	District Hospital, MCH, Durg road,Singhauri,Bemetara,491335	300	Commissioned
24.	Delhi	Dr. Baba Saheb Ambedkar Hospital, Sec- 6, Rohini	500	Commissioned
25.	Delhi	Burari Hospital, Kaushik Enclave, Delhi 110084	500	Commissioned
26.	Delhi	Deep Chand Bandhu Hospital, Ashok Vihar, Delhi	200	Commissioned
27.	Delhi	Satyawadi Raja Harish Chandar (SRHC) hospital Campus, Narela, Delhi, 110040	200	Commissioned
28.	Delhi	Ambedkar Nagar Hospital, Dakshinpuri, New Delhi	600	Commissioned
29.	Delhi	DeenDayal Upadhyaya Hospital	700	Commissioned
30.	Delhi	Lok Nayak Hospital Jawaharlal Nehru Marg Delhi-110002	2000	Commissioned
31.	Delhi	VMMC & Safdarjung Hospital, New Delhi 110029	3000	Commissioned
32.	Goa	District Hospital Margao	600	Commissioned
33.	Goa	Goa Medical College & Hospital, Bambolin Goa	2000	Commissioned
34.	Gujarat	General Hospital, Chhotaudepur	100	Commissioned
35.	Gujarat	General Hospital, Morbi	100	Commissioned
36.	Gujarat	M.G.G.General Hospital ,Navsari	200	Commissioned
37.	Gujarat	GMERS Medical College, Khervad Medan, Shipor Road, Vadnagar Dist – Mehsana, Gujarat Pin Code: 384355	700	Commissioned
38.	Gujarat	Nanakawada, Halar Road, Valsad	700	Commissioned
39.	Gujarat	GMERS general hospital,Himatnagar	700	Commissioned
40.	Gujarat	GMC Surat-New Civil Hospital,Majura Gate,Surat	2000	Commissioned
41.	Gujarat	GMERS Medical College attached General Hospital Gandhinagar, Opposite Pathika Bus Stand, Gandhinagar	900	Plant dispatched
42.	Haryana	District Civil Hospital Panchkula	300	Commissioned
43.	Haryana	District Civil Hospital Ambala	200	Commissioned
44.	Haryana	District Civil Hospital Faridabad	200	Commissioned
45.	Haryana	District Civil Hospital Hissar	200	Commissioned

46.	Haryana	District Civil Hospital Karnal	200	Commissioned
47.	Haryana	District Civil Hospital Sonapat	200	Commissioned
48.	Himachal Pradesh	SLBS Govt Medical College Nerchowk Mandi	500	Commissioned
49.	Himachal Pradesh	DDU Zonal Hospital, Shimla	300	Commissioned
50.	Himachal Pradesh	Dr. YSP Govt Medical College, Nahan, Distt. Sirmour	300	Commissioned
51.	Himachal Pradesh	Pt. JLN Govt Medical College Chamba	400	Commissioned
52.	Himachal Pradesh	Dr RK Govt Medical college Hamirpur, Distt. Hamirpur	300	Commissioned
53.	Himachal Pradesh	Zonal Hospital Dharmshala	300	Commissioned
54.	Himachal Pradesh	Dr. RP Govt. Medical College Tanda, District Kangra	900	Site reallocated to DRDO
55.	Jammu and Kashmir	CHC BHADERWAH	100	Commissioned
56.	Jammu and Kashmir	Government Model Hospital Dooru Anantnag	100	Commissioned
57.	Jammu and Kashmir	SDH RS PURA Jammu	100	Commissioned
58.	Jammu and Kashmir	SDH Sogam Kupwara	100	Commissioned
59.	Jammu and Kashmir	CHC Mandi Poonch,	100	Commissioned
60.	Jammu and Kashmir	CHC Pampore Pulwama,	100	Commissioned
61.	Jharkhand	MGM MEDICAL COLLEGE & HOSPITAL, JAMSHEDPUR.	600	Commissioned
62.	Jharkhand	Sadar Hospital, Ranchi	100	Commissioned
63.	Jharkhand	PMCH, Dhanbad	600	Commissioned
64.	Jharkhand	RIMS, Ranchi	2000	Commissioned
65.	Karnataka	GH Mudhol, Bagalkote District	100	Commissioned
66.	Karnataka	GH Chincholi, Kalaburagi District	100	Commissioned
67.	Karnataka	GH Shikaripura, Shivamogga District	100	Commissioned
68.	Karnataka	GH Pavagada, Tumkur District	100	Commissioned
69.	Karnataka	GH Yellapura, Uttara Kannada District	100	Commissioned
70.	Karnataka	GH Shorapur, Yadgir District	100	Commissioned

71.	Kerala	MCH Ernakulam	600	Commissioned
72.	Kerala	MCH Thrissur	1500	Commissioned
73.	Kerala	MCH Kottayam	2000	Commissioned
74.	Kerala	Govt Medical College hospital, Thiruvanthapuram	2000	Commissioned
75.	Kerala	MCH Pariyaram	900	Plant dispatched
76.	Ladakh	CHC Drass. C/o Drass district Kargil, UT Ladakh	100	Commissioned
77.	Ladakh	CHC Zaskar, C/o Padum Zaskar, Distt. Kargil, UT Ladakh	100	Commissioned
78.	Ladakh	CHC Nubra. C/o DiskitNubra district Leh UT Ladakh	100	Commissioned
79.	Lakshadweep	RGSH Agatti	200	Plant Installed
80.	Lakshadweep	IGH Kavaratti	200	Plant Installed
81.	Madhya Pradesh	District Hospital, Khandwa	400	Commissioned
82.	Madhya Pradesh	District Hospital, Seoni	400	Commissioned
83.	Madhya Pradesh	District Hospital, Shivpuri	400	Commissioned
84.	Madhya Pradesh	District Hospital, Mandsaur	500	Commissioned
85.	Madhya Pradesh	District Hospital, Ratlam	500	Commissioned
86.	Madhya Pradesh	District Hospital, Jabalpur	500	Commissioned
87.	Madhya Pradesh	District Hospital, Morena	600	Commissioned
88.	Madhya Pradesh	District Hospital, Ujjain	700	Commissioned
89.	Maharashtra	Dist Hospital Satara	300	Commissioned
90.	Maharashtra	Dist Hospital Alibag	300	Commissioned
91.	Maharashtra	Dist Hospital Ahemadnagar	400	Commissioned
92.	Maharashtra	District Hospital Hingoli	200	Commissioned
93.	Maharashtra	Dist Hospital Bhandara	500	Commissioned
94.	Maharashtra	Dist Hospital Ratnagiri	200	Commissioned
95.	Maharashtra	Women Hospital Buldhana	400	Commissioned
96.	Maharashtra	Dist Hospital Osmanabad	300	Commissioned
97.	Maharashtra	District Hospital Sindhudurg	200	Commissioned
98.	Maharashtra	Dist Hospital Washim	200	Commissioned
99.	Manipur	District Hospital, ChurachandpurLamka	200	Commissioned
100.	Manipur	District Hospital, Thoubal	100	Commissioned

101.	Manipur	JNIMS, Porompat Pin No. 795005	700	Commissioned
102.	Meghalaya	Reid Provincial Chest Hospital, Jhalupara, Mawprem	300	Commissioned
103.	Meghalaya	Civil Hospital, Shillong	600	Commissioned
104.	Meghalaya	Ganesh Das Govt. MCH Hospital, Pasteur Hills, Lawshillong, Shillong	400	Commissioned
105.	Mizoram	Zoram Medical College, Falkawn	300	Commissioned
106.	Nagaland	Naga Hospital Authority of Kohima	300	Commissioned
107.	Nagaland	Dimapur District Hospital	200	Commissioned
108.	Nagaland	Imkongliba Memorial District Hospital (IMDH)	200	Commissioned
109.	Odisha	District Headquarter Hospital, Jajpur, Jajpur Town	400	Commissioned
110.	Odisha	District Headquarter Hospital, Bhawanipatna, At./ P.O-Bhawanipatna	300	Commissioned
111.	Odisha	District Headquarter Hospital ,Kandhamal, Medical Square, At / Po - Phulbani	200	Commissioned
112.	Odisha	District Headquarter Hospital, Keonjhar	400	Commissioned
113.	Odisha	District Headquarter Hospital, Medical Road, Malkangiri, Dist. Malkangiri , Pin-764048 ,Malkangiri	200	Commissioned
114.	Odisha	District Headquarter Hospital Sundargarh, At/Po- Sundargarh	300	Commissioned
115.	Odisha	District Headquarter Hospital, Angul	300	Commissioned
116.	Puducherry	Government General Hospital, Mahe	200	Commissioned
117.	Puducherry	COMMUNITY HEALTH CENTRE, KARIKKALAMPAKKAM	100	Commissioned
118.	Puducherry	MAHATMA GANDHI POST GRADUATE INSTITUTE OF DENTAL SCIENCES, INDIRA NAGAR, PUDUCHERRY	100	Commissioned
119.	Puducherry	Government General Hospital, Yanam	100	Commissioned
120.	Puducherry	GOVERNMENT GENERAL HOSPITAL, KARAIKAL	500	Commissioned
121.	Puducherry	INDIRA GANDHI GOVT. GENERAL HOSPITAL AND POST GRADUATE INSTITUTE, PUDUCHERRY	700	Commissioned

122.	Punjab	Guru Gobind Singh Medical Hospital, Faridkot	1000	Commissioned
123.	Punjab	Guru Nanak Dev Hospital Amritsar	1200	Site reallocated to DRDO
124.	Punjab	Rajindra Hospital Patiala	1200	Site reallocated to DRDO
125.	Rajasthan	Rajeev Gandhi Govt. Hospital, Alwar	600	Commissioned
126.	Rajasthan	Medical College Bikaner	600	Commissioned
127.	Rajasthan	Medical College Jodhpur	3200	Commissioned
128.	Rajasthan	RUHS Medical College, Jaipur	2500	Site reallocated to DRDO
129.	Sikkim	District Hospital, Gyalshing, West Sikkim.	200	Commissioned
130.	Telangana	AH, Bhadrachalam	300	Commissioned
131.	Telangana	DH, KARIMNAGAR	400	Commissioned
132.	Telangana	DH, KHAMMAM	600	Commissioned
133.	Telangana	TIMS GACHIBOWLI	1000	Commissioned
134.	Telangana	GANDHI HOSPITAL	2000	Commissioned
135.	Tripura	Tripura Medical College and Dr. BRAM Teaching Hospital, Hapania, West Tripura	600	Commissioned
136.	Tripura	Agartala Govt. Medical College & GB Pant Hospital Kunjaban, Agartala, Tripura West PIN- 799006	900	Plant dispatched
137.	Uttar Pradesh	UHM District Hospital, Kanpur Nagar	500	Commissioned
138.	Uttar Pradesh	District Hospital, Jaunpur	200	Commissioned
139.	Uttar Pradesh	District Hospital, Ghazipur	200	Commissioned
140.	Uttar Pradesh	Govt. Medical College, Saharanpur	500	Commissioned
141.	Uttar Pradesh	District Hospital, Mirzapur	300	Commissioned
142.	Uttar Pradesh	District Hospital, Ballia	200	Commissioned
143.	Uttar Pradesh	200 Bed MCH Wing KhohChitrkoot	200	Commissioned
144.	Uttar Pradesh	Distt. Combined Hospital, Balrampur	100	Commissioned
145.	Uttar Pradesh	District Hospital Fatehpur	200	Commissioned
146.	Uttar Pradesh	District Combined Hospital, Chakia	100	Commissioned
147.	Uttar Pradesh	District Combined Hospital, Siddarth Nagar	100	Commissioned
148.	Uttar Pradesh	Dr. S.P.M. Hospital, Lucknow	400	Commissioned

149.	Uttar Pradesh	Medical College Firozabad	1000	Commissioned
150.	Uttar Pradesh	Medical College Ambedkar Nagar	900	Commissioned
151.	Uttarakhand	District Hospital Champawat	100	Commissioned
152.	Uttarakhand	Har Milap Mission District Hospital Haridwar	100	Commissioned
153.	Uttarakhand	District Hospital Uttarkashi	200	Commissioned
154.	Uttarakhand	B D Pandey District Hospital Pithoragarh	200	Commissioned
155.	Uttarakhand	Chandra Mohan Singh Negi Govt. Base Hospital Kotdwar	300	Commissioned
156.	Uttarakhand	Jawahar Lal Nehru District Hospital Rudrapur, US Nagar	300	Commissioned
157.	Uttarakhand	SSJ Base Hospital Haldwani Nainital	300	Commissioned
158.	West Bengal	Alipurduar DH Alipurduar, Pin -736122	400	Commissioned
159.	West Bengal	Coochbehar MCH , Silver Jubilee Road, Cooch Behar, West Bengal 736101	500	Commissioned
160.	West Bengal	Islampur Super Specility	500	Commissioned
161.	West Bengal	Diamond Harbour MCH , Diamond Harbour Rd, Harindanga, Diamond Harbour, West Bengal 743331	500	Commissioned
162.	West Bengal	Murshidabad MCH	900	Site reallocated to DRDO

Status of 1222 PSA Plants

SI. No.	State/ UT	Allocation	Commissioned
1.	A&N Island	3	0
2.	Andhra Pradesh	28	7
3.	Arunachal Pradesh	27	1
4.	Assam	40	10
5.	Bihar	62	5
6.	Chandigarh	4	5
7.	Chhattisgarh	49	4
8.	Dadra Nagar Haveli and Daman & Diu	4	2
9.	Delhi	26	14
10.	Goa	7	4
11.	Gujarat	59	16
12.	Haryana	40	8
13.	Himachal Pradesh	28	6
14.	J&K	32	6
15.	Jharkhand	38	6
16.	Karnataka	50	9
17.	Kerala	26	7
18.	Ladakh	5	3
19.	Lakshadweep	2	0
20.	Madhya Pradesh	88	12
21.	Maharashtra	68	16
22.	Manipur	16	4
23.	Meghalaya	14	3
24.	Mizoram	13	0
25.	Nagaland	15	4
26.	Odisha	39	8
27.	Puducherry	8	6
28.	Punjab	41	8
29.	Rajasthan	51	6
30.	Sikkim	4	2
31.	Tamil Nadu	70	7
32.	Telangana	50	9
33.	Tripura	14	2
34.	Uttar Pradesh	127	25
35.	Uttarakhand	25	12
36.	West Bengal	49	8
Total		1222	245

*NOTE: In addition, 351 additional plants are being installed by different Ministries of Central Government.