

GOVERNMENT OF INDIA  
MINISTRY OF STEEL

**LOK SABHA**  
**UNSTARRED QUESTION NO. 5256**  
FOR ANSWER ON 24.03.2026

**TRANSITION OF SMALL STEEL UNITS INTO GREEN HYDROGEN-READY TECHNOLOGIES**

5256. ADV PRIYA SAROJ:

Will the Minister of STEEL be pleased to state:

(a) the number of small & medium steel units identified for technology upgradation under the Union Government's decarbonisation and green steel initiatives during the last five years in the country, State and district-wise including Uttar Pradesh;

(b) the technical and financial assistance extended to such units for adoption of energy-efficient or hydrogen-ready furnace technologies under Central schemes or pilot programmes in the country, State and district-wise including Uttar Pradesh;

(c) the assessment undertaken by the Ministry regarding the preparedness of secondary steel producers to transition towards green hydrogen-based production processes;

(d) the number of pilot projects or demonstration facilities supported by the Union Government to enable small steel units to shift towards hydrogen-compatible furnaces in the country, State and district-wise including Uttar Pradesh; and

(e) the corrective steps proposed by the Union Government to ensure that smaller steel producers are not excluded from the transition to low-carbon and green hydrogen-based steel production?

**ANSWER**

THE MINISTER OF STATE IN THE (SHRI BHUPATHIRAJU SRINIVASA VARMA)  
MINISTRY OF STEEL

(a)to(e): The initiatives taken by the Government for adoption of energy-efficient and hydrogen-based steel production across the country including Uttar Pradesh are as under: -

i. Ministry of Steel has released a report titled "Greening the Steel Sector in India: Roadmap and Action Plan" in alignment with the recommendations of the 14 Task Forces constituted by this Ministry for this purpose which provides the future roadmap for green steel and sustainability, towards net-zero target by 2070. The report is available on Ministry of Steel's website.

ii. Four pilot projects to three steel units with total central financial assistance of Rs.83.376 Crore have been awarded for use of hydrogen in steel sector under National Green Hydrogen Mission launched by Ministry of New & Renewable Energy. The state-wise and district-wise details of awarded projects are enclosed at **Annexure-I.**

Contd.....2/-

: 2 :

iii. Ministry of Steel notified the Taxonomy for Green Steel on 23.12.2024 to provide standards for defining and categorizing the low emission steel. Under Green Steel Taxonomy Framework, 85 steel units have been awarded green steel certification with star rating, accounting for total green steel production of 14.64 Million tonnes. Majority of such units are small steel producers and the state-wise and district-wise details of such units are enclosed at **Annexure-II**.

iv. National Solar Mission launched by Ministry of New and Renewable Energy in January, 2010 promotes the use of solar energy and also helps to reduce the emission of steel industry.

\*\*\*\*\*

### **Annexure-I**

#### **Details of pilot projects under National Green Hydrogen Mission**

<b>Sr. No.</b>	<b>State</b>	<b>District</b>	<b>No. of projects</b>
1.	Jharkhand	Bokaro	1
2.	Karnataka	Vijaynagar	2
3.	Odisha	Angul	1

\*\*\*\*\*

## Annexure - II

## List of companies/iron and steel producers having valid Green Steel Certificates (As on 15.03.2026)

S. No.	Name of Unit	State	Quantity of product verified & certified (MT)	Name of Product	Greenness Level (%)	Greenness Star Rating	Date of Issuance	Date of Validity
1	ARS Steels and Alloys International Private Ltd., Gummidipoondi	Tamil Nadu	156898	TMT Bar	70.8	5	13.08.2025	31.03.2026
2	R L Steels & Energy Ltd., Chitegaon	Maharashtra	130200	Alloy & Carbon Steel Bars	50.2	5	13.08.2025	31.03.2026
3	Tulsyan Nec Limited, Gummidipoondi	Tamil Nadu	122426	TMT Bar	40.8	5	13.08.2025	31.03.2026
4	Rathi Steel and Metal Private Limited, Jalna, Maharashtra	Maharashtra	193155	TMT Bar	36.12	5	19.09.2025	31.03.2026
5	Bhagwati Steelcast Private Limited, Nashik, Maharashtra	Maharashtra	105928.47	TMT Bar	54.92	5	19.09.2025	31.03.2026
6	Guardian Castings Private Limited, Palghar, Maharashtra	Maharashtra	168384.71	TMT Bar	55.9	5	19.09.2025	31.03.2026
7	Bhagyalaxmi Rolling Mills Pvt. Ltd., Jalna, Maharashtra	Maharashtra	317601	TMT Bar	19.2	4	19.09.2025	31.03.2026
8	Kalika Steel Alloys Pvt. Ltd., Jalna, Maharashtra	Maharashtra	272347	TMT Bar	30.78	5	19.09.2025	31.03.2026
9	Devashree Ispat (P) Limited, Elikatta, Shadnagar, Telangana	Telangana	309027	TMT Bar	36.29	5	19.09.2025	31.03.2026
10	Mono Steel (India) Ltd., Anjar, Kutch, Gujarat	Gujarat	94297	TMT Bar	44.6	5	19.09.2025	31.03.2026
11	SRJ Peety Steels Private Limited, Jalna	Maharashtra	497999	TMT Bar	28.45	5	19.09.2025	31.03.2026
12	Arjas Modern Steel Private Limited, Mandi Gobindgarh, Fatehgarh Sahib	Punjab	60000	Rolled Bar & Bright Bar	30.84	5	19.09.2025	31.03.2026
13	Fortune Metals Limited, Mandi Gobindgarh, Fatehgarh Sahib	Punjab	142177	TMT Bars	68.11	5	17.10.2025	31.03.2026
14	Surya Ferrous Alloys Pvt. Ltd., Wada, Palghar	Maharashtra	50854	TMT Bars	28.89	5	16.10.2025	31.03.2026
15	SRMB Srijan Private Limited, Durgapur	West Bengal	369220	TMT Bars	27.5	5	17.10.2025	31.03.2026
			56821	Light Structure	27.76	5		
16	Gajkesari Steel & Alloys Pvt. Ltd., Jalna	Maharashtra	232065	TMT Bars	22.22	4	08.10.2025	31.03.2026
17	SRJ Strips and Pipes Pvt. Ltd., Jalna	Maharashtra	73742	TMT Bars	30.31	5	31.10.2025	31.03.2026
			3089	Skelp	27.94	5		
			7338	Pipe	25	4		
18	Geetai Steels Pvt. Ltd., Jalna	Maharashtra	145488	TMT Bars	28.05	5	31.10.2025	31.03.2026

19	Jaideep Metallics and Alloys Pvt. Ltd., Wada, Palghar	Maharashtra	134189	TMT Bars	59.18	5	24.10.2025	31.03.2026
20	Arora Iron & Steel Rolling Mills Pvt. Ltd., Ludhiana	Punjab	112027	Bars & Rods	59.25	5	30.10.2025	31.03.2026
			14107	Bright Bars	50.04	5		
21	Prakash Ferrous Industries Pvt Ltd., Srikalahasti	Andhra Pradesh	223381	TMT Bars	58.95	5	07.11.2025	31.03.2026
22	Bhagwati Ferro Metal Private Limited, Malegaon, Nashik	Maharashtra	251268	TMT Bars	65.4	5	29.10.2025	31.03.2026
23	JR Metal Chenai Ltd., Gummidipoondi, Thiruvallur	Tamil Nadu	163314	TMT Bars	65.3	5	28.10.2025	31.03.2026
24	Shree Ramdoot Rollers Pvt. Ltd., Bankura	West Bengal	137158	TMT Bars	11.04	4	27.10.2025	31.03.2026
25	Ganraj Ispat Pvt. Ltd., Supa, Ahmednagar	Maharashtra	90866	TMT Bars	49.52	5	28.10.2025	31.03.2026
26	SKA Steel and Power Pvt. Ltd., Raipur	Chhattisgarh	68746	TMT Bars	11.21	4	05.11.2025	31.03.2026
27	Rasik Industries, Mandi Gobindgarh, Fatehgarh Sahib	Punjab	43523	TMT Bars	57.89	5	29.10.2025	31.03.2026
28	Suraj Fabrics Industries Ltd., Bilaspur	Himachal Pradesh	86035	TMT Bars	57.61	5	27.10.2025	31.03.2026
29	M/S Metals & Steels Pvt. Ltd., Ginigera, Koppal	Karnataka	162311	TMT Bars	27.57	5	24.10.2025	31.03.2026
30	Shivkrupa Steel & Alloys Pvt. Ltd., Palghar	Maharashtra	74264	TMT Bars	17.01	4	07.11.2025	31.03.2026
31	Agni Steels Private Limited, Erode	Tamil Nadu	164490	TMT Bars	79.41	5	06.11.2025	31.03.2026
32	Meenakshi Udyog (I) Pvt. Ltd., Egmore, Chennai	Tamil Nadu	143791	TMT Bars	76.04	5	01.11.2025	31.03.2026
33	Shri Tirupati Steel Cast Limited, Hindupur	Andhra Pradesh	135157	TMT Bars	41.61	5	23.10.2025	31.03.2026
34	SKA Ispat Private Limited, Raipur	Chhattisgarh	74072	TMT Bars	5.82	3	13.11.2025	31.03.2026
35	M/S Metals & Steel Pvt. Ltd., Gummidipoondi	Tamil Nadu	78589	Beam/Section/Heavy Structure steel	58.33	5	13.11.2025	31.03.2026
36	Kashi Vishwanath Steels Pvt. Limited, Kashipur	Uttarakhand	37069	TMT Bars	24.29	4	13.11.2025	31.03.2026
			39446	MS Flat, Shapes & Section	25.78	4	13.11.2025	
37	Radha Smelters Pvt. Ltd., Chinna Shankarampet, Medak	Telangana	322223	TMT Bars	54.8	5	13.11.2025	31.03.2026
38	Jaideep Ispat and Alloys Pvt. Limited, for its unit "Rathi Iron and Steel Industries Pvt. Ltd. Unit SMS, Sulawad	Madhya Pradesh	455429	TMT Bars	51.86	5	13.11.2025	31.03.2026
			33996	Wire Rods	53.54	5		
39	German TMX Private Limited (German TMT Private Limited), Viramgam, Ahmedabad	Gujarat	83257	TMT Bars	48.02	5	17.11.2025	31.03.2026
40	Ambashakti Industries Ltd., Sikandrabad, Bulandshahar	Uttar Pradesh	251952	TMT Bars	42.98	5	19.11.2025	31.03.2026
41	KD Iron and Steel Private Limited, Sotshil, Kamrup	Assam	59618	TMT Bars	51.66	5	19.11.2025	31.03.2026
42	Arya Steels Rolling (I) Pvt. Ltd., Kagal, Kolhapur	Maharashtra	53144	TMT Bars	30.59	5	19.11.2025	31.03.2026
43	Matsyodari Steel & Alloy Pvt. Ltd., Jalna	Maharashtra	89218	TMT Bars	32.98	5	20.11.2025	31.03.2026
44	Ambashakti Udyog Limited, Banmore, Morena	Madhya Pradesh	138107	TMT Bars	16.93	4	03.12.2025	31.03.2026

45	Metarolls Ispat Pvt. Ltd., Jalna	Maharashtra	158270	TMT Bars	28.16	5	05.12.2025	31.03.2026
46	German Green Steel and Power Limited, Kutch	Gujarat	115643	TMT Bars	30.44	5	08.12.2025	31.03.2026
47	Prime Gold Steel & Power Ltd., Hosur, Krishnagiri	Tamil Nadu	82236	TMT Bars	45.73	5	08.12.2025	31.03.2026
48	Chopra Alloys, Khanna, Ludhiana	Punjab	60918	ERW Pipes	58.49	5	09.12.2025	31.03.2026
49	Ambica Steels Limited - Unit II, Ghaziabad	Uttar Pradesh	20263	SS Bright Bar Rounds	26.81	4	03.12.2025	31.03.2026
50	Ambica Steels Limited - Unit IV, Ghaziabad	Uttar Pradesh	6697	SS Bright Bar Profiles	37.47	5	03.12.2025	31.03.2026
51	Electrotherm (India) Pvt. Limited, Kutch	Gujarat	764	MS Dowel bars	11.27	4	12.12.2025	31.03.2026
			292724	TMT Bars	9.39	4	12.12.2025	
			43042	Fusion Bonded Epoxy Coated TMT Bars	5.7	3	12.12.2025	
52	A One Ispat Pvt. Ltd., Gollapuram, Hindpur	Andhra Pradesh	111113	TMT Bars	28.46	5	17.12.2025	31.03.2026
53	Shyam steel Works Pvt. Ltd., Purulia	West bengal	87254	TMT Bars	0.34	3	17.12.2025	31.03.2026
54	Mahalakshmi Profiles Private Limited, Kallakal village, Medak District	Telangana	116505	Pipe	2.08	3	19.12.2025	31.03.2026
55	Kisco Casting (India) Limited, Mandi Gobindgarh	Punjab	7080	Forging	51.6	5	12.12.2025	31.03.2026
56	SMW Ispat Pvt. Ltd., Deoli, Wardha	Maharashtra	414706	TMT Bars	28.01	5	24.12.2025	31.03.2026
57	Shyam Steel Industries Limited, Bamunara	West Bengal	183061	TMT Bars	0.41	3	26.12.2025	31.03.2026
58	Amba Shakti Steels Ltd.	Uttar Pradesh	122143	TMT Bars	32.74	5	30.12.2025	31.03.2026
59	Behari Lal Engineering Limited, Village-Salani, Mandi Gobindgarh	Punjab	17093	Rolling Mill Rolls & Castings	44.78	5	08.01.2026	31.03.2026
60	Behari Lal Engineering Limited, Village-Turan, Mandi Gobindgarh	Punjab	64778	Rounds Bars/Hex Bars/Flat Bars/Square Bars	28.69	5	09.01.2026	31.03.2026
61	G.O. Steel Private Limited, Mandi Gobindgarh	Punjab	33054	TMT Bars	11.49	4	13.01.2026	31.03.2026
			2852	Bars & Rods	13.59	4		
62	Renny Strips Limited, Ludhiana	Punjab	74872	Steel Round Coil	72.26	5	14.01.2026	31.03.2026
			70342	HR Coil	70.97	5		
63	Jai Raj Ispat Limited, Kurnool	Andhra Pradesh	117933	TMT Bars	0.02	3	21.01.2026	31.03.2026
64	Amman Try Sponge & Power (P) Limited, Tirupati	Andhra Pradesh	103209	TMT Bars	52.12	5	23.01.2026	31.03.2026
65	Aarti Steel International Limited, Ludhiana	Punjab	87091	Plain Carbon & Alloy Steel Bar & Rods(Rounds, RCS and Flats)	27.49	5	20.01.2026	31.03.2026
66	Vardhman Adarsh Ispat Private Limited, Mandi Gobindgarh	Punjab	24854	MS Round	48.32	5	14.01.2026	31.03.2026
			108287	TMT Bars	48.32	5		

67	ArcelorMittal Nippon Steel India Pvt Ltd., Hazira	Gujarat	100000	HR Coil	10.25	4	29.01.2026	31.03.2026
			100000	CR Coil	5.68	3		
68	Mukand Limited, Thane	Maharashtra	33599	Black Bars	29.51	5	29.01.2026	31.03.2026
			66022	Wire Rods	25.82	4		
			40495	Bright Bars	21.18	4		
69	Jay Bharat Steel Corporation, Anjar	Gujarat	25576	TMT Bars	42.92	5	20.01.2026	31.03.2026
70	Shyam Steel Industries Limited, Angadpur	West Bangal	237635	TMT Bars	6.34	3	30.01.2026	31.03.2026
71	Kaaveri Steels (I) Private Limited, Kuttalum Taluk	Tamil Nadu	44282	TMT Bars	41.18	5	29.01.2026	31.03.2026
72	A One Steels India Limited, Gauribidanur	Karnataka	163966	TMT Bars	73.39	5	06.02.2026	31.03.2026
73	Saarloha Advanced Materials Private Limited, Mundhwa	Maharashtra	197700	Bars, Rods and other shapes of plain carbon steel, Alloy steel	33.8	5	04.02.2026	31.03.2026
74	Welspun Speciality Solutions Limited, Jhagadia	Gujarat	9060	Black Bars	20.16	4	05.02.2026	31.03.2026
			10691	Bright Bars	13.53	4		31.03.2026
75	Shreeyam Power & Steel Industries Limited, Kutch	Gujarat	150370	TMT Bars	1.93	3	03.02.2026	31.03.2026
76	Jailaxmi Casting & Alloys Pvt. Ltd., Sambhaji Nagar	Maharashtra	48164	Bar & Rods	55.89	5	05.02.2026	31.03.2026
77	Jai Raj Ispat Limited, Jeedimetla, Hyderabad	Telangana	124510	TMT Bars	28.93	5	13.02.2026	31.03.2026
78	Arun Vyapar Udyog Pvt. Ltd., Gummidipoondi	Tamil Nadu	78354	TMT Bars	68.63	5	09.02.2026	31.03.2026
79	peekay Rolling Mills (P) Ltd., Kozhikode	Kerala	32361	TMT Bars	42.6	5	20.02.2026	31.03.2026
80	Jay Jagadamba Limited, Palghar	Maharashtra	6038	Hot Rolled Bars	32.89	5	06.03.2026	31.03.2026
			17852	Bright Bars	28.86	5		
			3125	Flange	23.2	4		
81	Metrolla Steels Pvt. Ltd., Pezhakkappilly	Kerala	41727	TMT bars	56.2	5	09.03.2026	31.03.2026
82	Skyway Steel Industries, Ludhiana	Punjab	41757	Steel bars	70.45	5	09.03.2026	31.03.2026
83	TK Steels, Paharuwal, Ludhiana	Punjab	65344	Bar & Rods	31.91	5	09.03.2026	31.03.2026
84	Laxcon Steels Ltd., Ahmedabad	Gujrat	60239	Bar & Rods	38.77	5	10.03.2026	31.03.2026
85	Prime Steel Processors Private Ltd., Budhewal, Ludhiana	Punjab	140815	Wire Rods	66.63	5	14.03.2026	31.03.2026

\*\*\*\*\*

