

GOVERNMENT OF INDIA  
MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 1395**  
TO BE ANSWERED ON 14/03/2022

**MSMEs CLUSTERS IDENTIFIED UNDER  
THE COLLABORATION WITH EESL**

1395.      SHRI TIRUCHI SIVA:

Will the Minister of MICRO, SMALL AND MEDIUM ENTERPRISES be pleased to state:

- (a) whether it is a fact that 12 Micro, Small and Medium Enterprises (MSMEs) clusters have been identified where identified technologies will be demonstrated under the new collaboration between Energy Efficiency Services Limited (EESL) and the Ministry; and
- (b) if so, the details of the clusters identified and the technologies identified so far and the status of their demonstration?

**ANSWER**

THE MINISTER OF STATE FOR MICRO, SMALL AND MEDIUM ENTERPRISES  
(SHRI BHANU PRATAP SINGH VERMA)

- (a): Yes Sir. Ministry of MSME and EESL under the GEF-5 project “Promoting market Transformation for Energy Efficiency in MSME” has identified 12 MSME clusters for implementation of energy efficient technologies at MSME units.
- (b): Details of the clusters, identified technologies and their implementation status is attached at Annexure-I.

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**Annexure-I referred to in reply of part (b) of Rajya Sabha Admitted Unstarred Question No. 1395 due for answer on 14.03.2022.**

S. No.	Name of Cluster	List of identified Technologies	Demonstration Status
1.	Surat (Textile), Gujarat	Screw Air Compressor with VFD and PM Motor	Completed
		PLC Based automation system for Jet Dyeing Machine	Completed
		Condensate recovery System	Completed
		Boiler automation	Completed
		Micro turbine	Completed
2.	Ankleshwar (Chemical), Gujarat	IBR Boiler	Completed
		Scroll Chiller	Completed
		Vertical Agitator	Completed
		ANFD	Completed
		Fitch Fuel Catalyst	Ongoing
3.	Howrah (Mixed), West Bengal	Metallic Recuperator	Completed
		Divided Blast Cupola	Ongoing
		Swirl Burner	Completed
		Reheating furnace automation	Completed
4.	Jorhat (Tea), Assam	FRP Fan	Ongoing
		Modulating Burner	Completed
		Dryer Automation	Completed
		Withering Automation	Completed
5.	Batala, Jalandhar & Ludhiana (Foundry & Forging), Punjab	Induction Billet Heater	Completed
		Servo Motor	Ongoing
		Special Purpose Machine	Ongoing
6.	Varanasi (Textile), Uttar Pradesh	Combustion Control system	Completed
		Low Grade waste recovery system	Ongoing
		Automation of dyeing machine	Ongoing
7.	Muzaffarnagar (Paper), Uttar Pradesh	Vacuum Pump	Ongoing
		Direct Coupled Agitator system	Ongoing
8.	Vellore (Rice), Tamil Nadu	LSU Dryer	Completed
		IBR Boiler	Ongoing
9.	Medak (Pharma), Telangana	Chiller condenser on-load automatic tube cleaning system	Ongoing
		Replacement of Steam Vacuum Pump with Electric Vacuum Pump	Ongoing
		Installation of Side Stream Filtration for Cooling Tower	Ongoing
		Installation of Mist Cooling Towers in place of Natural/Draft Cooling Tower	Ongoing
10.	Sundargarh (Iron & Steel), Odisha	Multi VFD	Ongoing
		Screw Compressor	Ongoing
11.	Aurangabad (Mixed) Maharashtra	Cold Feed Extruder	Ongoing
		IGBT based welding machine	Ongoing
		Energy Efficient Tyre Retreading Line	Ongoing
		Multi Spindle Drilling Machine	Ongoing
12.	East and West Godavari (Ceramic), Andhra Pradesh	Under Identification	Ongoing