

QUARTERLY COMPILATION OF PROGRESS REPORT UNDER NATIONAL ACTION PLAN ON CLIMATE CHANGE

NAME OF THE MISSION: National Mission for Enhanced Energy Efficiency

QUARTER PERIOD – October 2022 – December 2022

S.N.	Activities / Mission deliverables	Implementing Agency	Overall Target for Mission Period October 2022 – December 2022	Quarter-wise Target/Achievement during October 2022 – December 2022		Cumulative/ Overall Achievement during October 2022 – December 2022	Remarks
				Quarter 3			
				Target	Achievement		
1	Implementation of Perform Achieve and Trade (PAT) scheme	Bureau of Energy Efficiency	Energy Saving of 1.21 MTOE is envisaged to be accrued from PAT cycle –IV and V.	Assessment of Energy Savings under PAT cycle – IV and V	Monitoring & Verification (M&V) of PAT Cycle IV and V has been completed. M&V reports have been received from 143 DCs. Scrutiny of the M&V reports has been completed and finalization of evaluation is under process.	Energy Saving of 1.21 MTOE is envisaged to be accrued from PAT cycle –IV and V.	
1(a)				Notification for energy audit in DISCOMs	<ol style="list-style-type: none"> Amendment notification issued on 31st Oct 2022 on the Regulation for Energy Audit in Electricity Distribution Companies after getting it vetted from Legislative Department, Ministry of Law and Justice. Enforcement notification for BEE Energy Audit Regulations for DISCOMs and amendment in Inquiry rules has been notified on 23rd December, 2022 		

1(b)				Widening of PAT Scheme	In order to widen the scope of the PAT scheme, a proposal for notification of Annual Sectoral Energy Threshold level (Toe/annum) for new sectors namely Sugar, Chemicals , Cermaic, Zinc, Copper, Glass, Port Trust, Dairy, Automobile Assembling Unit, Tyre manufacturers, Forging, Foundry and Refractories is under consideration at Ministry of Power.		
1(c)				Baseline Data Collection and Process Verification Audit	Baseline Data Collection and Process Verification Audit in sectors namely Petrochemical Manufacturing units, Textile, Cement and Iron & Steel under PAT Scheme has been completed. Initial scrutiny of reports is under process.		
1 (d)				Memorandum of Agreement (MoA) with IIT – Roorkee	BEE signed a memorandum of Agreement (MoA) with IIT R- Indian Institute of Technology, Roorkee on 06th October, 2022 for “R&D cum demonstration on optimization of the performance of rotary kiln to maximize % metallization including use of natural gas/ syngas as a reductant.		

1(e)				Memorandum of Understanding (MoU) signed with IIT Guwahati	Memorandum of Understanding (MoU) signed with IIT Guwahati on providing handholding/support to DISCOMs in North Eastern States towards compliance of Energy Audit Regulations for DISCOMs.	
1(f)				Constitution of Sectoral Advisory Group for identification of low carbon and energy efficiency technologies.	Sectoral Advisory Groups (SAGs) for eight sectors under PAT scheme have been formulated. The meeting of the sectoral advisory group for Cement sector was held in December 2022.	
1(g)				Development of National Carbon market in India.	BEE has established a PMU for development of Carbon Market in India. BEE has developed the draft framework document in this regard. A meeting under the Chairmanship of Hon'ble Minister of Power & NRE to discuss the development of Indian Carbon Market was held on 6th December 2022.	
1(h)				Energy Mapping in Thermal Power Plants	MoUs were signed with 25 Thermal Power Plants for carrying out energy mapping exercise. BEE has received draft reports in this regard and are under scrutiny.	
1(i)				Adoption of ISO 50001:2018 standards	Adoption of ISO 50001:2018 in 21 identified industries under PAT scheme has been initiated and is expected to be completed by November 2023.	

1(j)				Check – Verification of Designated Consumers	Check verification process for 14 Designated Consumers of PAT cycle – IV and V under various sectors has been initiated.		
1(k)				Training /Capacity Building and stakeholder consultations	<ol style="list-style-type: none"> 1. A stakeholder consultation workshop to discuss the draft policy document of the Indian Carbon Market was held on 19th October 2022 at New Delhi. 2. In order to provide handholding/support to DISCOMs in Union Territories towards compliance of Energy Audit Regulations for DISCOMs, meeting at Chandigarh and Pondicherry was held on 29.10.2022 and 01.11.2022. 		

				<p>Training /Capacity Building and stakeholder consultations</p>	<p>3. Capacity building on dissemination of WHR system in Indian Cement plants was held at Haryana, Telangana and Madhya Pradesh.</p> <p>4. A workshop on ESCerts trading and determination of floor price was held on 25th November 2022 at New Delhi.</p> <p>5. In order to provide handholding/support to DISCOMs in Union Territories towards compliance of Energy Audit Regulations for DISCOMs, meeting held with DISCOM of Dadra & Nagra Haveli on 4th Nov 2022 and a workshop was also organized at NPTI Bangalore on 17th and 18th Nov 2022.</p> <p>6. An interaction session was organized on 21.12.2022 with Central Zone DISCOMs (13 DISCOMs) to discuss the issues related to Energy Accounting and Energy Audit.</p>		
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2	Financing	2 grading agencies	Grading of Energy Efficiency Projects	To grade Energy Efficiency projects	<p>1) BEE has empaneled CRISIL and SMERA in Nov 2022</p> <p>2) 22 Banks/NBFCs may take benefit of grading of EE projects, who are also registered on facilitation Centre.</p> <p>3) In 3 workshops these Grading Agencies interacted with stakeholders.</p> <p>Recently, interest from FI/industries has been received for grading of approx. 8 projects.</p>	<p>1. Grading of Energy Efficiency project launched in September 2021.</p> <p>2. Interest from FI/industries has been received for grading of approx.. 8 projects.</p>	
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3	Energy Efficiency Financing Facility – to set up Facilitation Centre	BEE	<ol style="list-style-type: none"> 1.To establish IT platform of Facilitation centre 2. To forward 175 EE projects to FIs till April 2023 	<ol style="list-style-type: none"> 1. To create IT platform and take inputs of FIs and industries <p>To forward 25 EE projects to FIs for financing</p>	<ol style="list-style-type: none"> 1. More than 120 willingness forms have been received with project size more than Rs. 2500 crore and out of that 61 EE projects have been forwarded to FIs for financing 2. IT platform of BEE's Facilitation centre has been launched in November 2022. 3. Till date 22 FIs have been registered with Facilitation centre 4. 5 EE projects have been financed by FIs 5. BEE has released list of 116 EE technologies for financing in Dec 2022. 6. In Q3, three webinars/workshops were organized where 250 participants from SDAs, large industries, MSMEs, ESCOs participated. 	<ol style="list-style-type: none"> 1. BEE appointed Darashaw and Company Ltd for setting up the facilitation center 2. Till date 22 FIs have been registered with Facilitation centre 3. More than 120 willingness forms have been received with project size more than Rs. 2500 crore and out of that 61 EE projects have been forwarded to FIs for financing 4. BEE has released list of 116 EE technologies for financing in December 2022. 5. Total 11 webinars have been conducted where more than 1100 participants from SDAs, large industries, MSMEs, ESCOs participated. 	
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