

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

NAME OF THE MISSION: National Mission for Enhanced Energy Efficiency

QUARTER PERIOD – April 2022 – June 2022

S.N.	Activities / Mission deliverables	Implementing Agency	Overall Target for Mission Period April 2022-June 2022	Quarter-wise Target/Achievement during April 2022-June 2022		Cumulative/ Overall Achievement during April 2022-June 2022	Remarks
				Quarter 1			
				Target	Achievement		
1	Implementation of Perform Achieve and Trade (PAT) scheme	Bureau of Energy Efficiency	Energy Savings of 16.61 MTOE (from implementation of PAT cycle –I, II and III)	Assessment of Energy Savings under PAT cycle -III	Verification of Monitoring & Verification reports submitted by DCs of PAT cycle –III has been completed by BEE. From implementation of PAT cycle –III, energy savings of about 1.745 MTOE has been realized.	Energy Savings of 24.49 MTOE has been achieved from implementation of PAT cycle –I, II and III.	
1(a)			Assessment of various industrial sectors of the economy to meet NDC targets	Report has been completed and based on the findings assessment of emission reduction targets for different sectors have been identified and discussed in the Inter Ministerial Consultation meeting.			

1(b)				Feasibility study – Phase 2	Feasibility study for identification of sectors that could be included under the PAT Scheme namely Port Trust, Dairy, Automobiles Assembling Units, Tyre manufacturers, Refractories, Forge & Foundry is completed.		
1(c)				Baseline Data Collection and Process Verification Audit	<p>1. To include Sugar sector under PAT scheme, Baseline data collection and process verification audit is completed.</p> <p>2. Baseline data collection and process verification audit is completed for 50 new identified units in four different groups from Iron & Steel sector. 36 nos. of units were found above the sectoral threshold limit.</p>		
1(d)				Study on ESCerts trading	<p>A study for exploring the floor price and life of ESCerts has been initiated by BEE.</p> <p>Agency for the same has been engaged.</p>		

1(e)				Development of National Carbon market in India.	Blueprint for the design of National Carbon Market in India has been developed. Process for establishment of a PMU for operationalization of carbon market has been initiated.	
1(f)				Energy Mapping in Thermal Power Plants	Agency for carrying out energy mapping in 38 nos. of Thermal Power Plants has been finalized.	
1(g)				Check – Verification of Designated Consumers	<ol style="list-style-type: none"> 1. Check verification in 7 Designated Consumers of PAT cycle –II under Thermal Power Plant sector has been completed. 2. Check verification in 14 Designated Consumers of PAT cycle –III under various sectors has been initiated. 	

1(h)				Implementation of Roadmap on Energy Efficiency with due focus on sectors with high emission intensity	Four meetings of the Inter-Ministerial Committee for discussion on Ministry wise action for implementation of activities envisaged under ROSHANEE have been conducted.		
1(i)				Development of Operational Guidelines for ROSHANEE	Draft final operational guidelines for ROSHANEE is under finalization		
1(j)				Support to State Designated Agencies (SDAs) for implementation of PAT scheme.	PAT cells to undertake the activities under PAT scheme have been established in 26 states and UTs.		
				Notification for inclusion of 7 Petrochemical Manufacturing categories in PAT Scheme	As per the feasibility study of Petrochemical manufacturing units, the proposal for amendment in notification of threshold annual energy consumption has been submitted to MoP.		

2	Financing	3 grading agencies have been empaneled (Crisil; CARE Advisory Research and Training Ltd.; ICRA Analytics Ltd.) 2 FIs have been empaneled (IREDA and YES Bank)	Grading of Energy Efficiency Projects	To grade Energy Efficiency projects	No applications for grading of EE projects have been reported by the empaneled grading agencies.	<ol style="list-style-type: none"> 1. Grading of Energy Efficiency project launched in September 2021. 2. 3 stakeholder meetings were organized in November 2021 with Financial Institutions, MSMEs and Large Industries to spread the awareness about this scheme. 3. Two proposals received from Brick Industry in 2021 but empaneled FIs didn't accept those proposals due to documentation issues with the borrowers. Till date none of the project has been graded. 	
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3	Energy Efficiency Financing Facility – to set up Facilitation Centre	M/s Darashaw and Company Ltd.	Setting up of Facilitation Centre for BEE's financing schemes	Signing of contract with Darashaw and Company Ltd for setting up the facilitation center and commencement of their activities as per the contract	Subsequent to on boarding of Darashaw and Company Ltd for setting up Facilitation Centre, the key activities have been commenced.	<ol style="list-style-type: none"> 1. Tentative list of more than 150 energy efficient technologies is prepared. 2. 14 willingness forms received from interested industries to avail the financing for implementing energy efficiency projects. 3. Two workshops have been organized with more than 300 participants to create the awareness among different stakeholders regarding Facilitation Centre. 	
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