



India: Scaling Up Demand-Side Energy Efficiency Sector Project

Project Name	Scaling Up Demand-Side Energy Efficiency Sector Project																
Project Number	52196-001																
Country / Economy	India																
Project Status	Active																
Project Type / Modality of Assistance	Loan Technical Assistance																
Source of Funding / Amount	<table border="1"><tr><td colspan="2">Loan 3867-IND: Scaling Up Demand-Side Energy Efficiency Sector Project</td></tr><tr><td>Ordinary capital resources</td><td>US\$ 250.00 million</td></tr><tr><td colspan="2">Loan 8376-IND: Scaling Up Demand-Side Energy Efficiency Sector Project</td></tr><tr><td>Clean Technology Fund</td><td>US\$ 46.00 million</td></tr><tr><td colspan="2">TA 9874-IND: Scaling Up Demand-Side Energy Efficiency Sector Project</td></tr><tr><td>Clean Technology Fund</td><td>US\$ 2.00 million</td></tr><tr><td colspan="2">TA 9874-IND: Scaling Up Demand-Side Energy Efficiency Sector Project</td></tr><tr><td>Global Environment Facility</td><td>US\$ 3.22 million</td></tr></table>	Loan 3867-IND: Scaling Up Demand-Side Energy Efficiency Sector Project		Ordinary capital resources	US\$ 250.00 million	Loan 8376-IND: Scaling Up Demand-Side Energy Efficiency Sector Project		Clean Technology Fund	US\$ 46.00 million	TA 9874-IND: Scaling Up Demand-Side Energy Efficiency Sector Project		Clean Technology Fund	US\$ 2.00 million	TA 9874-IND: Scaling Up Demand-Side Energy Efficiency Sector Project		Global Environment Facility	US\$ 3.22 million
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Operational Priorities	OP1: Addressing remaining poverty and reducing inequalities OP2: Accelerating progress in gender equality OP3: Tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability OP6: Strengthening governance and institutional capacity																
Sector / Subsector	Energy / Energy efficiency and conservation																
Gender	Effective gender mainstreaming																
Description	The project is aligned with the following impact: emissions intensity of economy reduced. The project will have the following outcome: end-use energy efficiency in the project areas increased.																
Project Rationale and Linkage to Country/Regional Strategy	Gross domestic product growth in India averaged about 7.2% annually from fiscal year (FY) 2000 to FY2017, underpinned by increased energy consumption. Annual carbon dioxide emissions from fuel combustion have grown even faster, from 0.89 billion tons in 2000 to 1.87 billion tons in 2013 to 2.02 billion tons in 2016. The energy mix in India is still largely based on fossil fuels and is dominated by coal even though the country is striving to achieve cumulative 175 gigawatts of renewables by 2022. India's energy-efficiency potential remains largely untapped, with potential annual energy savings of more than 220,000 gigawatt-hour equivalent to about 17% of the country's total power generated in FY2019.																
Impact	Emissions intensity of economy reduced																
Project Outcome																	
Description of Outcome	End-use energy efficiency in the project areas increased																
Progress Toward Outcome	Implementation progress is on track.																
Implementation Progress																	
Description of Project Outputs	Energy-efficient technologies in utility service areas in eligible states (including Andhra Pradesh, Assam, Bihar, Delhi, Gujarat, Jharkhand, Maharashtra, Manipur, Meghalaya, Odisha, Rajasthan, Sikkim, Telangana, Tamil Nadu, Tripura, and Uttar Pradesh) promoted and deployed End-user energy efficiency awareness increased																
Status of Implementation Progress (Outputs, Activities, and Issues)	Energy efficient technologies (distributed solar PV, smart meters, and electric vehicles) installation/deployment and end-user energy efficiency awareness program are ongoing in eligible states. A consulting firm for implementation of Gender Action Plan was engaged in 5 November 2021. Procurement of consulting services for scaling up e-mobility under the TA9874-IND is ongoing and is expected to be onboard in October 2022.																
Geographical Location	Nation-wide																
Safeguard Categories																	
Environment	B																
Involuntary Resettlement	B																
Indigenous Peoples	C																
Summary of Environmental and Social Aspects																	
Environmental Aspects	No impact.																
Involuntary Resettlement	No impact.																
Indigenous Peoples	No impact.																
Stakeholder Communication, Participation, and Consultation																	

During Project Design

During Project Implementation

Business Opportunities

Consulting Services	The consultants have been engaged to support EESL for implementation of project financed by the Clean Technology Fund, and EESL will develop e-mobility (2w, 3w, and 4w) in India through piloting supported by a technical assistance financed by Global Environment Facility.
Procurement	The overall project procurement classification is moderate. EESL has well-developed procurement systems which comply with its own procurement policy as well as Government of India General Financial Rules, 2005. EESL has adopted e-procurement as per Government of India guidelines for all procurements and the system is IT Act, 2000 compliant. Most of procurement under the loan has been carried out and the balance of loan proceeds will be procured to complete the project.

Responsible ADB Officer	Ray, Samrat
Responsible ADB Department	Sectors Group
Responsible ADB Division	Energy Sector Office (SG-ENE)
Executing Agencies	Energy Efficiency Services Limited

Timetable

Concept Clearance	28 Nov 2018
Fact Finding	22 Jul 2019 to 31 Jul 2019
MRM	24 Sep 2019
Approval	27 Nov 2019
Last Review Mission	-
Last PDS Update	13 Sep 2022

Loan 3867-IND

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
27 Nov 2019	16 Dec 2019	17 Feb 2020	30 Sep 2025	-	-

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	546.00	Cumulative Contract Awards			
ADB	250.00	21 Nov 2023	195.12	0.00	78%
Counterpart	296.00	Cumulative Disbursements			
Cofinancing	0.00	21 Nov 2023	50.62	0.00	20%

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	-	-	-	-	Unsatisfactory

Loan 8376-IND

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
27 Nov 2019	16 Dec 2019	17 Feb 2020	30 Sep 2025	-	-

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	46.00	Cumulative Contract Awards			
ADB	0.00	21 Nov 2023	0.00	42.37	92%
Counterpart	0.00	Cumulative Disbursements			
Cofinancing	46.00	21 Nov 2023	0.00	46.00	100%

TA 9874-IND

Milestones					
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Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
27 Nov 2019	19 Dec 2019	19 Dec 2019	31 Mar 2025	-	-

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	5,220,185.00	0.00	0.00	0.00	0.00	5,220,185.00	21 Nov 2023	955,555.33

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	-	-	-	-	Unsatisfactory

Project Page <https://www.adb.org/projects/52196-001/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=52196-001>

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