

BEE's Facilitation Centre

Encouraging and up-scaling Energy Efficiency Financing in the Country

Bureau of Energy Efficiency (BEE) is a statutory body under the Ministry of Power, Government of India. BEE has initiated a number of **Energy Efficiency (EE)** initiatives in the areas of household lighting, commercial buildings, standards and labelling of appliances, demand side management in agriculture/ municipalities, SME's and large industries including the initiation of the process for the development of energy consumption norms for industrial sub sectors, capacity building of State Designated Agencies (SDAs) etc.

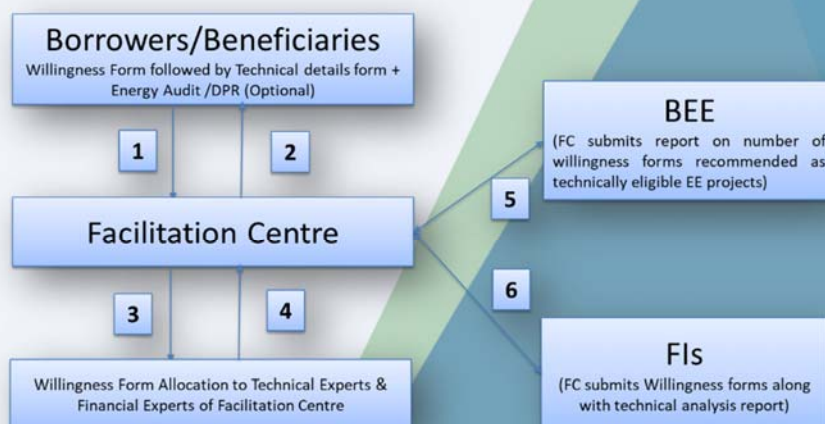
BEE has appointed **M/s Darashaw & Company Pvt. Ltd.** to set-up a Facilitation Centre with an aim to encourage and up-scale Energy Efficiency Financing in the country. The main functions of the Facilitation Centre are:

- ✓ To collect the willingness forms from large industries/ DCs under the PAT Scheme of BEE, MSMEs, Commercial and Institutional buildings, Municipalities, Corporations, and Commercial establishments to seek bank financing for investment in EE measures.
- ✓ To spread awareness on BEE's financing schemes among various stakeholders, preparing the list of Energy Efficient (EE) Technologies
- ✓ To develop an online Platform for mobilizing EE financing in the country
- ✓ To track the EE financing across the country



The process flow chart at BEE's facilitation Centre is as below:

The Facilitation Centre has developed a dedicated Web-portal to facilitate and ensure a seamless process for EE financing. A dashboard has been provided to track the status of EE project financing. A login access is provided to following:



- 1) Borrowing Units (Industries/ Establishments);
- 2) State Designated Agencies;
- 3) Financial Institutions (Banks/NBFCs/Public Financial Institutions)

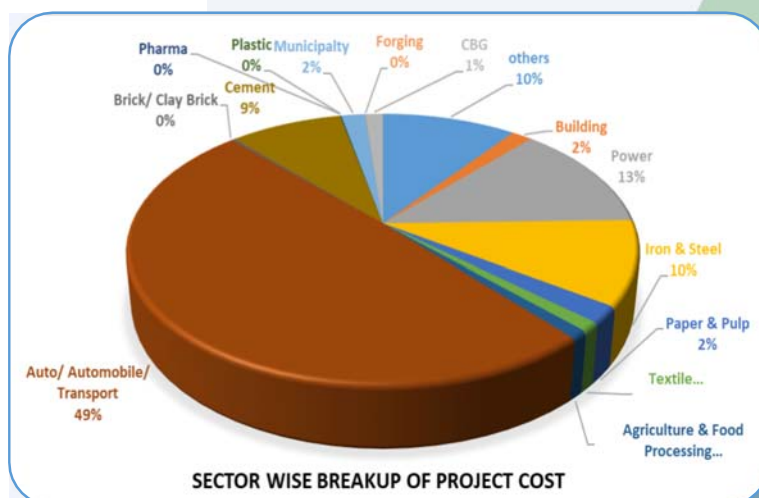
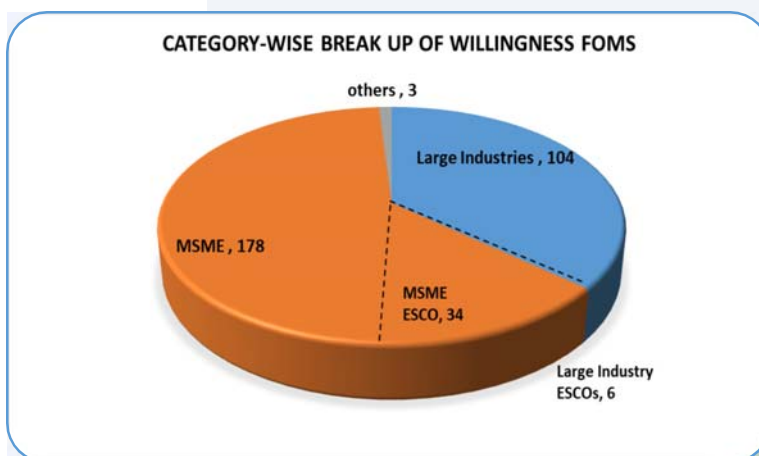
Potential Beneficiaries

a) Borrowing Units

The potential beneficiaries include Large Industries (PAT /non-PAT), MSMEs, ESCOs, Transportation, Commercial & Institutional Buildings, Municipalities, DISCOMs, etc. Energy Assessment in key sectors shows substantial energy savings and investment potential. According to the UNNATEE Report 2019 published by BEE, the sectoral annual energy consumption, savings, and investment potential envisaged by 2031 are as follows:

Sectors	Energy Consumption (MTOE) by 2031 (Ambitious Scenario)	Energy Savings (MTOE) by 2031 (Ambitious Scenario)	Energy-Savings Investment by 2031 (Rs. Crore) (Ambitious Scenario)
Agriculture	54.5	9.9	₹ 89,004.00
Commercial	23.1	6.4	₹ 1,05,701.00
Domestic	83.5	15.1	₹ 1,45,420.00
Municipal	6.4	1.5	₹ 13,589.00
Industrial	371.2	72.3	₹ 6,01,210.00
Transport	209.1	23.8	₹ 3,65,706.00
Total	747.8	129	₹ 13,20,630.00

Till November 2023, facilitation centre has received more than 280 numbers of willingness forms from various borrowing units. Their category-wise break-up and sector-wise project cost sharing is provided below.



b) Financial Institutions

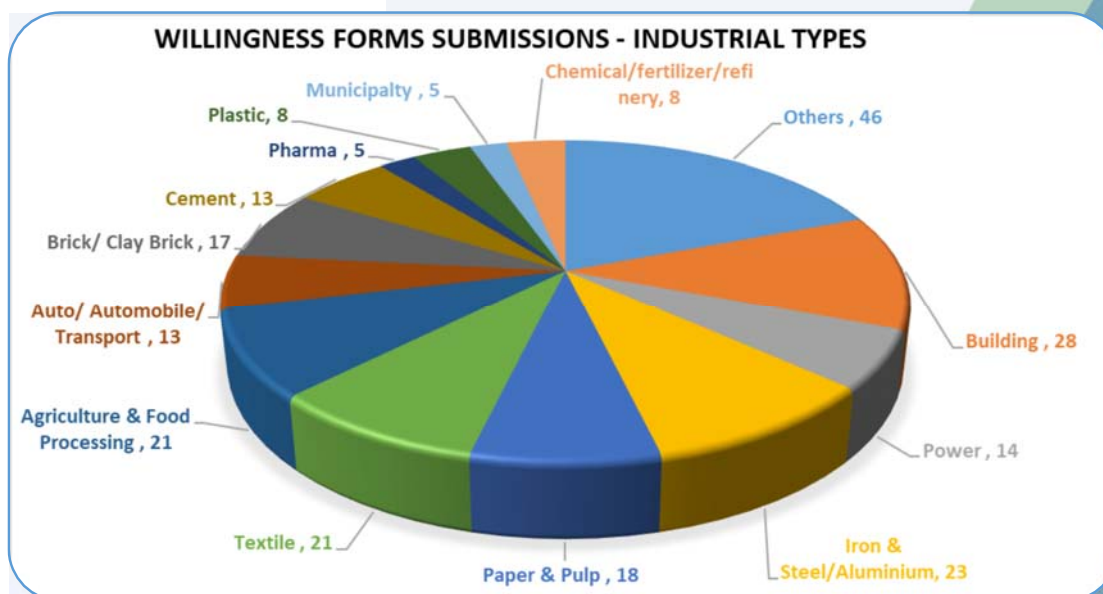
Till November 2023, 27 financial Institutions (Banks/NBFCs/Public Financial Institutions) as below are registered on BEE's Facilitation Centre to support funding requirement of various beneficiaries.

S No	Banks /NBFCs/PFIs	S No	Banks /NBFCs/PFIs
1	PFC	15	IIFCL
2	IREDA	16	HDFC Bank
3	SIDBI	17	HSBC
4	SBI	18	Exim Bank
5	Central Bank of India	19	Kotak Mahindra Bank
6	Karnataka Bank	20	cKers Finance
7	Bank of Baroda	21	Federal Bank
8	Canara Bank	22	Yes Bank
9	Bank of India	23	RBL Bank
10	Punjab & Sind Bank	24	CSB Bank
11	Punjab National Bank	25	IDBI Bank
12	Indian Bank	26	Karur Vysya Bank
13	Tata Capital	27	ICICI Bank
14	IndusInd Bank		



Facilitation Centre – Impact on Energy Efficiency Projects

Till November 2023, BEE's Facilitation Centre has received more than 280 willingness forms for EE project financing from Pan-India in past couple of months from various categories. Based upon availability of technical details, the Facilitation centre has evaluated these projects and till date recommended more than 180 number of projects for EE financing to registered financial institutions. These projects will result in the implementation of more than 125 numbers of EE technology measures at an estimated cost of over **INR 4000 Crore**. This will result in annual savings of **5,30,130 MWh of electrical energy, 1,20,159 MT of Coal, 3,25,371 MSCM¹ of Natural Gas, 31,860 kL of High-Speed Diesel**, and thus help to mitigate over **10,71,506 tonnes of CO₂ emissions annually**.



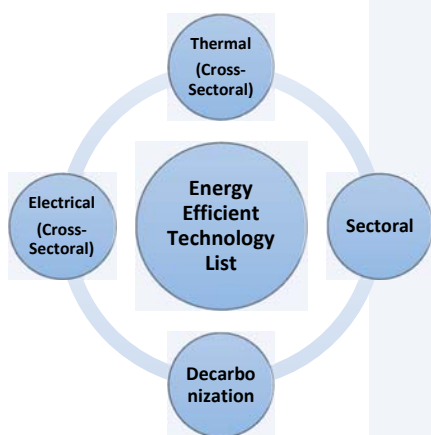
¹ 1 MSCM = 1000 SCM

Out of the recommended projects, it is noteworthy that banks and financial institutions have approved projects worth over **INR 1000 Crore**. This indicates the successful progress in securing financial support from these institutions for the implementation of energy efficiency initiatives.

Workshops/Webinars Conducted

Facilitation Centre has conducted a series of webinars and workshops for the promotion of EE financing with the support of various SDAs across India. More than 2000 participants from large Industries/ DCs, MSME, ESCO/ Technology supplier, Industry associations etc. attended the webinar/workshops.

Facilitation Centre – List of Energy Efficient Technologies



A comprehensive list of EE Technologies has been prepared by the Facilitation Centre in consultation with BEE and experts of technical committee formed by BEE. The technical committee members meet every month at the BEE office to discuss and update the technology list. The members of this technical committee are from prestigious organizations such as AEEE, EESL, SIDBI, TATA Power, Foundation of MSME Cluster, IIT Delhi, Energy Audit Services and Independent Senior Experts. The list of EE technologies includes the basic parameters that FIs take into consideration, such as proposed Energy Savings in percentage as well as in

Monetary Terms, Average cost of Investment and Payback Period.

Till November 2023, BEE has released the list of **179 EE Technologies** for financing. This list can be downloaded from BEE's website (Link: <https://www.adeetie.beeindia.gov.in/list-of-energy-efficient-technologies>).

For more queries on Facilitation Centre, please contact on:

Email ID : facilitation-centre@beeindia.gov.in

Phone No. : 011- 26766813, 26766700 (09:30 am- 06:00 pm)

Visit website (<http://www.adeetie.beeindia.gov.in/>) for more details

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