



BEE's Facilitation Centre

Encouraging and up-scaling Energy Efficiency Financing in the country

Nov-2022

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.

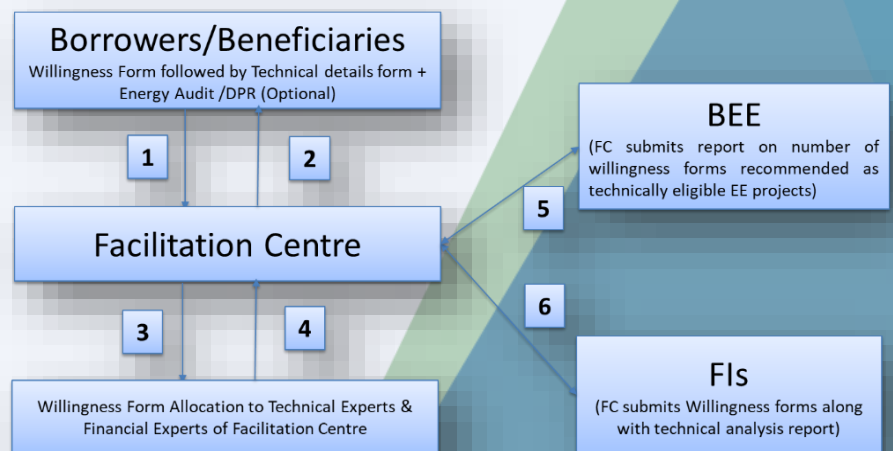
BEE has appointed **M/s Darashaw & Company Pvt. Ltd.** to set-up a Facilitation Centre with an aim to encourage and up-scale Energy Efficiency Financing in the country. The main functions of the Facilitation Centre are:



- ✓ 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)

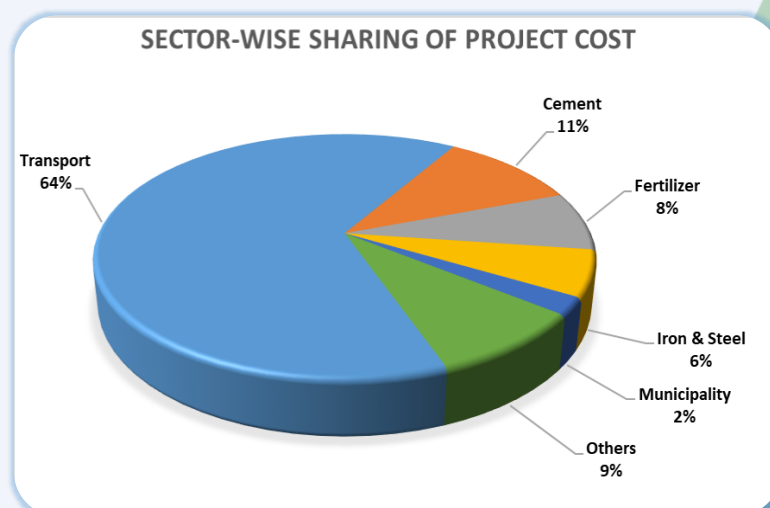
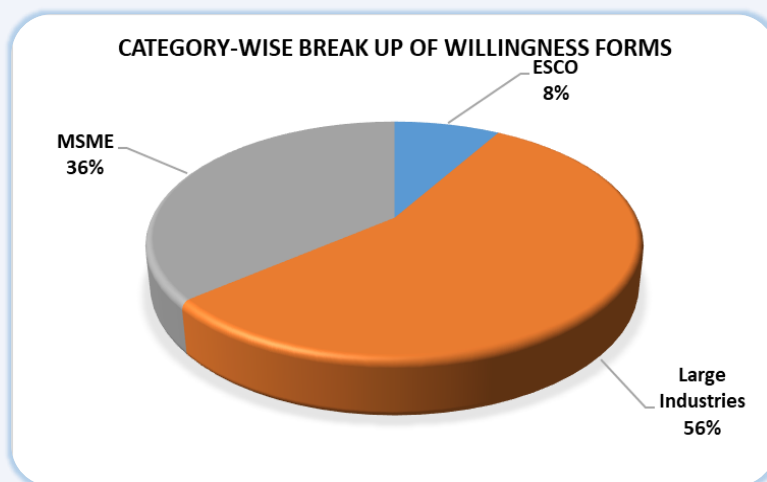
Potential Beneficiaries

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 now, facilitation centre has received 73 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

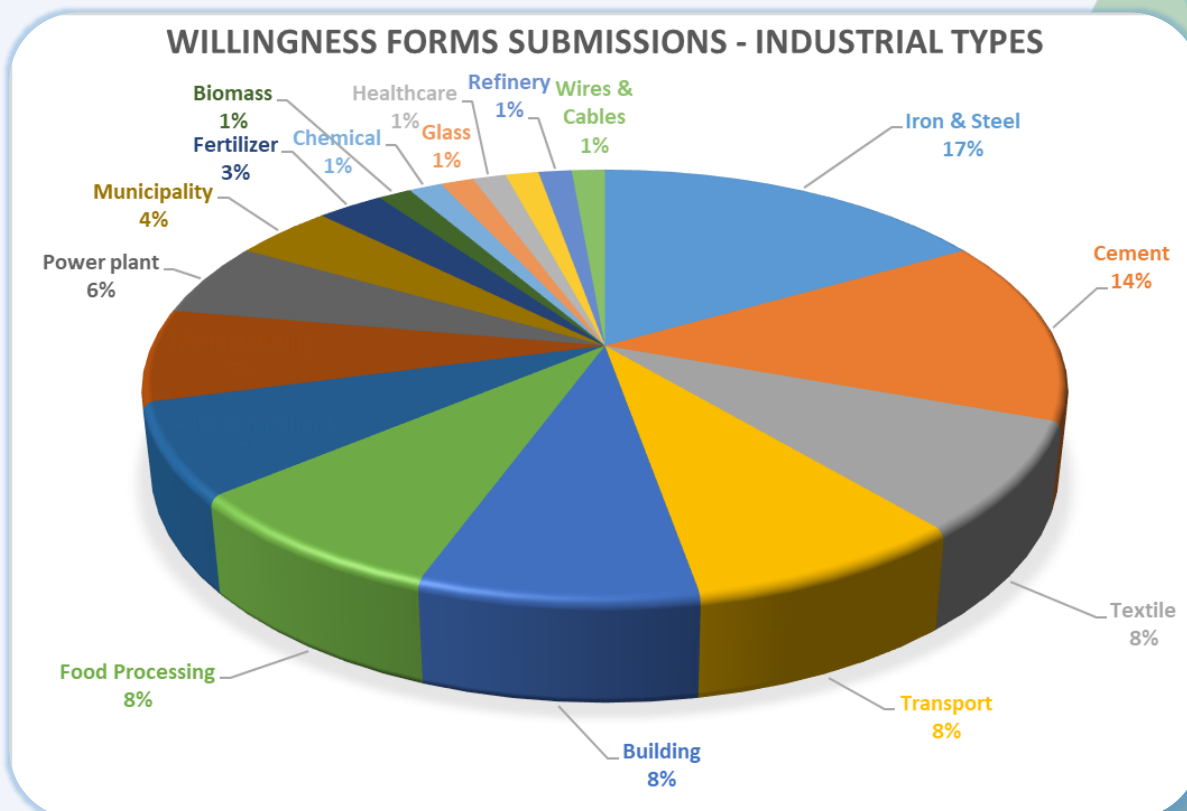
Till November 2022, 22 financial Institutions (Banks/NBFCs) as below are registered on BEE's Facilitation Centre to support funding requirement of various beneficiaries.

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



Facilitation Centre – Impact on Energy Efficiency Projects

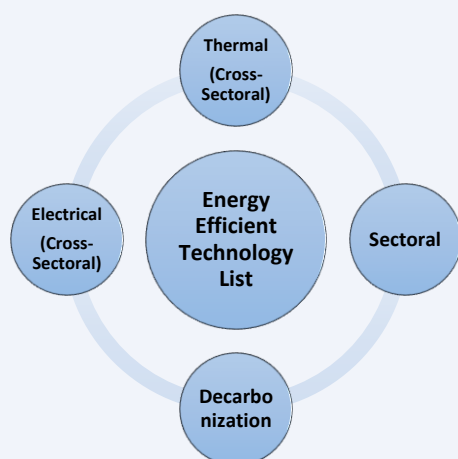
Till Nov-2022, BEE's Facilitation Centre has received more than 73 willingness forms for EE project financing from Pan-India in past couple of months from various categories. Based upon availability of technical details, the Facilitation centre has evaluated these projects and till date recommended 45 number of projects for EE financing to 22 registered financial institutions. These projects will result in the implementation of 125 numbers of EE technology measures at an estimated cost of INR 2218 Crore. This will result in annual savings of **67,05,945 MWH of electrical energy, 49,078 MT of Coal, 2,56,40,000 SCM of Natural Gas, approx. 95,000 Litre of High Speed Diesel**, and thus help to mitigate over **6.2 million tonnes of CO₂ emissions** annually.



Webinars Conducted

Facilitation Centre has conducted a series of webinars for the promotion of EE financing with the support of various SDAs across India. The participation of webinar covered a large spectrum of stakeholders. More than 1500 participants from large Industries/ DCs, MSME, ESCO/ Technology supplier, Industry associations etc. attended the webinar.

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, 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 date, BEE has released the list of **92 EE Technologies** for financing. This list can be downloaded from BEE's website (Link: <https://beeindia.gov.in/latest-news/bees-list-energy-efficient-technologies-financing>).

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

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