

State Energy Efficiency Index

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In news—The Union Minister of Power and New & Renewable Energy has released the fourth edition of State Energy Efficiency Index (SEEI) 2021-22.

About the Index-

- **The index developed by the Bureau of Energy Efficiency (BEE), a statutory body under the Ministry of Power, in association with Alliance for an Energy-Efficient Economy (AEEE).**
- SEEI 2021-22 assesses the Energy Efficiency progress of the 36 states and UTs for FY 2020-21 and 2021-22 using **50 indicators across 7 sectors namely:** buildings, industry, municipal services, transport, agriculture, distribution companies (DISCOMs), and cross-sector initiatives.
- Programme-specific indicators have been introduced for the first time in SEEI 2021-22 to evaluate the efforts and achievements in implementing EE programmes across states/UTs in all sectors. The maximum score for the index is 100.

		Sectors							
Categories									
Policy		Cross sector	Buildings	Industry	Municipal Services	Transport	Agriculture	DISCOMs	Total
Finance									
Institutional Capacity									
Adoption of EE Measures									
Energy Savings									
		Programme-specific Indicators							
		Common Indicators							
Sector weights		12	25	21	10	16	6	10	100
Indicator Weights	Common	12	10	4	3	8	2	6	45
	Programme		15	17	7	8	4	4	55

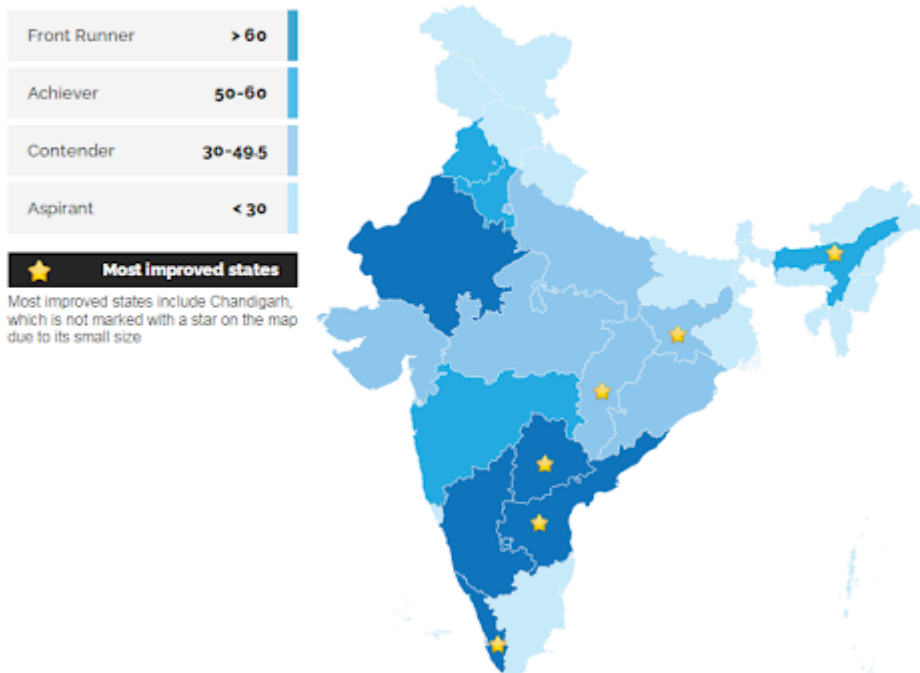
- **The index is designed to help track progress on state goals for energy savings and reduction in emission intensity and outlines the following recommendations** to help states drive change in EE which will contribute towards the fulfillment of SDGs and NDC:
 - Enabling fiscal assistance for energy efficiency in the focus sectors.
 - Developing institutional capacity in states and UTs to address emerging needs and challenges in energy efficiency implementation.
 - Enhancing cross-functional collaborations across financial institutions, energy service companies, and energy professionals in large-scale energy efficiency implementation in states.
 - Mainstreaming energy data reporting and monitoring across sectors.
 - The SEEI improves data collection, enables cross-state collaboration, and develops energy efficiency program ideas.
 - It helps states identify areas for improvement, learn from best practices, and adopt an economy-wide approach to energy efficiency implementation.

- By prioritizing energy efficiency, it aims at driving decarbonisation efforts and achieve a more sustainable future.

States rankings in SEEI 2021-22-

- **Five states are in the Front Runner category (>60 points) – Andhra Pradesh, Karnataka, Kerala, Rajasthan and Telangana –**
- **Four states are in the Achiever category (50-60 points)- Assam, Haryana, Maharashtra, and Punjab.**
- Further, **Karnataka, Andhra Pradesh, Assam and Chandigarh are the top-performing states in their respective state groups.**
- **Telangana and Andhra Pradesh showed the most improvement since the last index.**

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About BEE-

- The Government of India set up the Bureau of Energy Efficiency (BEE). on 1st March 2002 under the provisions of the Energy Conservation Act, 2001.
- The mission of the Bureau of Energy Efficiency is to

assist in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act, 2001 with the primary objective of reducing the energy intensity of the Indian economy.

- BEE coordinates with designated consumers, designated agencies and other organizations and recognise, identifies and utilise the existing resources and infrastructure, in performing the functions assigned to it under the Energy Conservation Act.
- The Energy Conservation Act provides for regulatory and promotional functions.