Panel Discussion on Energy Efficiency in Built Habitat

Clean energy capacity: India to have 60% renewable energy by 2030

BEE published National Strategic plan for Energy Efficiency

PM Narendra Modi inaugurates Asia’s largest solar power project

For more: https://qrgo.page.link/HvKjh
Being a predominantly consumerist State, Kerala is meeting more than 2/3rd of its electricity consumption through imports from other States and Central agencies. Energy security is considered critical for a State like Kerala. Energy conservation and energy efficiency are key components in Energy Sector. Energy Management Centre, as its name portrays, carries out lot of activities in the field of Energy Management mainly focusing on efficient use of energy in all sectors. Delivering adequate information on the need of energy efficiency being of vital importance, the outreach activities of EMC is streamlined in an efficient manner even in the scenario of COVID-19 pandemic. The webinar series of EMC is found to be quite effective and timely with the advantage of greater reach and giving valuable information to public and technologists alike. *Oorjapathrika* the online monthly newsletter of EMC can offer a lot of information to Government Bodies and general public alike on the activities in Energy domain and EMC’s various outreach activities in the scenario of Covid-19 pandemic. EMC has been carefully incorporating the most relevant and appropriate information in this newsletter. I wish to extend my best wishes for the upcoming issues of *Oorjapathrika*.

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**BEE Published National Strategic Plan for Energy Efficiency**

"Unlocking National Energy Efficiency Potential – UNNATEE, Strategy plan towards developing an energy efficient nation (2017-2031)"

The Bureau of Energy efficiency has published a strategic plan for energy efficiency titled ‘Unlocking National Energy Efficiency Potential – UNNATEE, Strategy plan towards developing an energy efficient nation (2017-2031)’. This strategy plan sheds light on the energy efficiency potential of the industry, agriculture, transport, municipal, domestic and commercial lighting and appliances and Micro, small and medium scale enterprises (MSME) sectors today and in the long term. One of the key barriers to energy efficiency financing in India is lack of awareness amongst banks and financial institutions. The strategic plan also estimates the investment potential of the sectors and the key financing instruments that would play a bigger role in the future. The findings of the project would benefit policymakers, planners, domain consultants and other relevant stakeholders. The report will also facilitate knowledge sharing between the stakeholders and scale up the energy efficiency activities in the country in the long term. For more: [https://qrgo.page.link/5B7vF](https://qrgo.page.link/5B7vF)

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**Clean energy capacity: India to have 60% renewable energy by 2030, says Hon. Minister for Power**

India will have around 60 per cent of its installed electricity generation capacity from clean sources by 2030, Power and New & Renewable Energy Minister R. K. Singh said during a webinar titled ‘Renewable Power Pathways: Modelling the Integration of Wind and Solar in India by 2030’. The Minister also declared with confidence that the renewable energy capacity would touch 510 GW by 2030, including 60 GW of hydro power. For more: [https://qrgo.page.link/MnMB7](https://qrgo.page.link/MnMB7)
Panel Discussion on Energy Efficiency in Built Habitat

Energy Management Centre and Energy Manager magazine of Society of Energy Engineers and Managers jointly organized a panel discussion on "Energy Efficiency in Built Habitat", which was mainly focussed on cooling and building energy management. Dr. R. Harikumar, Director (i/c) delivered introductory remarks and Er. Jayaraman, Chief Editor, Energy Manager, has moderated the discussion.

The keynote address for the panel discussion has been delivered by Prof. Rajan Rawal, CEPT University, Ahmedabad. Two authors who wrote article in Energy Manager Issue in relevant subjects presented their outlook and observations on their respective subjects. The first one was titled, 'Montreal protocol: inter-linkages between refrigerants and energy efficiency in ACs' delivered by Shri. Sukumar Devotta, Former Director of National Environmental Engineering Research Institute and the other paper by Ms. Archana Walia, Former Director of CLASP’s India Programme on ‘How energy efficiency policies transformed the space cooling market’. There was an interaction session with the panel afterwards. A total of 36 participants and specialists attended the session.

Watch webinar: https://www.youtube.com/watch?v=zZyV9JD8zP8

By 2025, India will be looking at an energy demand drop between 7-17 percent due to COVID-19: TERI

A new report by TERI titled ‘Bending the Curve: 2025 Forecasts for Electricity Demand by Sector and State in the Light of the COVID Epidemic’ has found that Demand for electricity in India will be lower by 7 to 17 per cent due to Covid-19 by 2025. All 10 of India’s largest power-consuming states will see a demand drop between 5 to 15 per cent, it said.

The report also suggests policymakers, developers, distribution companies, and investors need to be better prepared for the future if the decline in demand growth persists.

However, Union Power Minister R. K. Singh said that he wasn’t worried about the impact of the lockdown and that he expected demand to pick up. “Despite the lockdown, we have rebounded and will continue to do so. I don’t see electricity demand suffering in the long term. It will grow at a slower pace, but it will be back,” he said, talking at the launch of the report.

For more: https://qrgo.page.link/T2gAt

PM Narendra Modi inaugurates Asia’s largest solar power project in MP’s Rewa

Prime Minister Narendra Modi on 10th June 2020 inaugurated Asia’s largest 750 MW solar power project at Rewa in Madhya Pradesh, via video conferencing. Notably, this mega solar power project comprises three solar generating units of 250 MW each located on a 500-hectare plot of land situated inside a solar park. The Rewa Solar Power project is expected to reduce carbon emission equivalent to around 15 lakh tons of CO2 per year.

For more: https://qrgo.page.link/qH1cb
Smart Energy Management Systems Using IoT - Small Grants program for students

Energy Management Centre in collaboration with Bureau of Energy Efficiency (BEE), has launched a small grants program for engineering students for developing projects in the area of Smart Energy Management Systems (SMES) using the Internet of Things (IoT).

Increased use of Information Technology including Internet of Things, Artificial Intelligence (AI), Machine learning etc., are transforming the energy sector to a smart modern era. There is a vast spread in the use of the IoT in various segments such as energy, smart cities, logistics, homes, industries, health, and agriculture. It is revolutionizing nearly every part of the energy industry from generation to transmission to distribution and changing how energy companies and customers interact and making the grid smarter, reliable, efficient and robust.

Through this program, EMC is providing an opportunity and suitable grants to budding engineers and technologists encouraging them to think out of the box and come up with solutions and ideas in the field of SEMS using IoT that may change the course of energy utilization in our society.

As the first step of this program, 4 webinars were conducted to provide an introduction to smart energy systems and IoT. Subject experts Er. Suresh Babu B V, Er. Aravind V. S., Er. Amit Chadha and Er. Febin K. V. M. was took different sessions. Total of 100 delegates attended these sessions.

Prospectus: https://qrgo.page.link/Z4HSx