



Centurion university of Technology and Management

School of Engineering and Technology

Webinar

on

Energy-Efficiency and Demand Side Management

Date: 29/05/2021

Resource Person:

Mr. Bibhu Charan Swain,

Sr. Consultant, Power Tech Consultants

No. of Participants: 43

About:

The session discussed in detail Energy Efficiency Demand Side Management (EEDSM) programme supports municipalities in their efforts to reduce electricity consumption by optimizing their use of energy. Selected municipalities receive grants for the planning and implementation of energy efficient technologies ranging from traffic and street lighting to energy efficiency in buildings and water service infrastructure. It intends to stimulate energy efficiency to do the following five things: provide quick power system relief; be a cheaper alternative to new generation; support SME growth; reduce greenhouse gas emissions; and reduce users energy bills.

Objective:

The objective of DSM is to inhibit consumers from depleting less energy during the peak time frame or from shifting the energy use to an off-peak time frame such as weekends or nighttime.

Outcome:

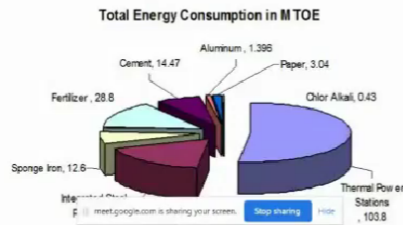
The session gave a brief explanation about

- design of tariffs and prices to encourage lower consumption
- demand side management, least cost planning and integrated resource planning.
- mechanisms such as public benefits charges to fund energy efficiency
- energy efficiency obligations and certificate schemes (including trading)

Energy demand is increasing due to rising incomes, accelerated industrialization, urbanization and population growth

- 2003-04 : 572 Million toe
- 2016-17 : 842-916 Million toe
- 2026-27 : 1406-1561 Million toe

The energy consumption share of each sector in Million Tonne of Oil Equivalent



Glimpses of the Webinar

WEBINAR ON

Energy Efficiency and Demand Side Management

29th May 2021, Saturday (3:00 PM to 5.00 PM)

Organised by : Department of Electrical and Electronics Engineering

Eminent Speaker

Mr. Bibhu Charan Swain

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Google meet link:
<https://meet.google.com/ibw-frkw-ugf>

Online Registration Link :
<https://forms.gle/yHwkLPNcAEKM7YUR9>

Mr. Bibhu Charan Swain is working as a Sr. Consultant in Power Tech Consultants. He is an Accredited Energy Auditor duly empanelled by Bureau of Energy Efficiency, Ministry of Power, Govt. of India. In addition to his brilliant academic record and M.Tech. Degree from Indian Institute of Science, Bangalore, he is having around 23 years of experience in Engineering, Project, Operation & Maintenance, Consultancy and has earlier worked with reputed companies like Tata Chemicals Limited, Jindal Stainless Limited etc. He is also Vice President of Indian Association of Energy Management Professional (IAEMP), Co-Chairman of Electricity and Power Committee of Uttal Chamber of Commerce and Industry (UCCI), Governing body member of Indian Association of Accredited Energy Auditor (IAEA) and Energy Panel Member of FICCI. He is a core group Member of Mission Sustainable India -2022.

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