



Webinar Title: Economics of Integrative Energy Efficiency Design
(Save more energy in your plant than you think possible)

Registration Fee (including GST): Rs.300/- per participant

Expert Speaker – Mr. Padu S. Padmanabhan

Webinar Date: 27th August 2020 (Thursday) | Time : 3:00 to 4:00 PM

About Webinar:

There are enormous opportunities for efficiency improvements in every sector of the economy. Invariably in a majority of cases energy efficiency projects in a facility are centred around individual equipments and/or technologies, such as boiler systems, steam distribution systems, HVAC, electric motors, lighting, etc. Our research is typically structured to develop efficiency technologies around individual, stand -alone equipments or sub-systems – not on design methods that are inclusive - Optimizing individual components in isolation yields inferior results. All energy efficiency measures would have a marginal cost of efficiency improvement (or \$/Kilocalorie saved) which when all added together would follow a pattern of diminishing return, ie. the most cost effective measures would be tackled first and so on until we reach the cost-effectiveness limit where any further energy savings does not make economic sense. But additional savings beyond the cost-effectiveness limit is possible through an Integrative or holistic design approach. Whole-system thinking underpins integrative design that can yield dramatic energy savings.

Register to learn:

- Limitations of conventional Energy Efficiency Design
- Larger energy savings through Integrative Design
- Principles of Integrative Design
- Process of Integrative Design
- Methodology for a re-imagined and reinvented holistic energy efficiency design approach

Speaker Profile:

Mr. Padu S. Padmanaban is the former Program Director of the South Asia Regional Initiative for Energy (SARI/E) and Senior Energy Advisor for USAID/India's bilateral program. He has served with the World Bank, Washington DC as an Energy Efficiency Specialist and is a visiting fellow with the King Abdullah Petroleum Studies and Research Center (KAPSARC), Riyadh, Saudi Arabia. He has over four decades of experience in the design of national and regional energy efficiency programs, power sector reforms, regional energy integration, energy-water nexus, clean energy and energy access projects including the planning and establishment of national and regional centers of excellence in energy efficiency

Mr. Padmanaban is the recipient of several international and national awards in energy management and efficiency. These include: The Regional Energy Manager of the Year 2019 Award by the United States Association of Energy Engineers; the World Clean Energy Award, 2007 by the Swiss based Transatlantic 21 in global recognition of his achievements in advancing energy efficiency and renewable energy. Recipient of the Hall of Fame Award by the Indian Green Building Council in 2013, the All India Power award in 2010, the Energy Professional Development award, 2008 by the Association of Energy Engineers, India

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Thanks & Regards

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