



Net Zero
by 2035

Training Programme on

Energy Optimization Studies & Implementation in existing Refineries/ Petrochemical plants

31st July, 2023 (0930 Hrs to 1630 Hrs.)

Refinery and Petrochemical industries are the key for economic development of a nation. But climate change due to carbon emissions and volatile fuel prices always throws challenges for optimised and sustainable operations. Further, Energy constitutes a major operating cost and hence reduction in fuel & loss offers great potential and incentive to improve unit performance as well as overall refinery profitability. Thus there is always a need for operating various energy guzzlers optimally.

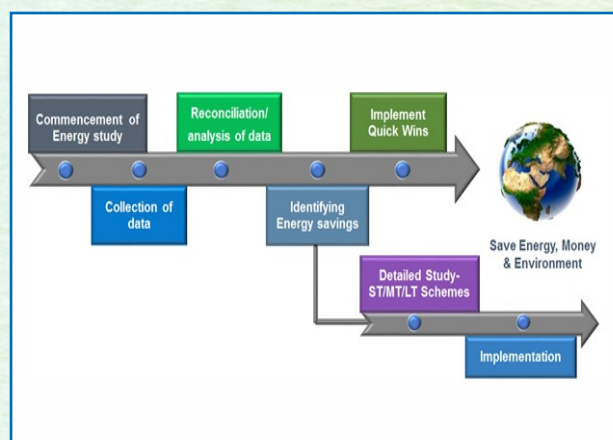
Program Objectives

This training program aims to impart knowledge to the participants in the area of identification of Energy optimisation opportunities through Energy studies/audits. The participants can gain understanding of the importance of treating Energy audit as a crucial step for managing process, utilities and various equipment. Insights on the above will eventually help the operating personnel to run their plants in an optimised manner and also adopt latest innovations in the journey towards lowering the emissions as well.

An understanding of using IIOT-based software solutions like EngCHP, Eng-RT-Htr is also discussed in detail. The training also imparts understanding of various KPI in Energy viz., EII, MBN, SEC etc. and details of benchmarking and its impact on energy efficiency. New areas like carbon foot print assessment in plants (Scope-I, II, & III) for implementation of carbon Credit scheme is also discussed.

Topics to be covered

- Energy study- An approach for Refinery/Petrochemical plants sustainability
- Potential Energy efficiency improvement areas
- Quick wins - Operational improvements
- Medium/Long term opportunities - Based on cost & implementation time
- Utilities & off sites - Improvement in less-attended areas
- Equipment – Major energy guzzlers
- IIOT based digital tools
- Understanding of Benchmarking
- Discussion on EII, MBN, SEC
- New areas (Carbon Credit mechanism etc.)



Faculty



Dr. Rabindra Nath Maiti
Chief General Manager & HOD
(R&D)



Mr. Vijay Yalaga
Asst. General Manager
(R&D)



Mr. G. Srivardhan
Senior Manager
(R&D)



Mr. M. Rajasekhar
Senior Manager
(R&D)

Programme fee for the participants is as follows :

PROGRAMME REGISTRATION FEE (ONLINE MODE)	PROGRAMME REGISTRATION FEE (OFFLINE MODE)	PROGRAMME REGISTRATION FEE (RESIDENTIAL MODE)#
For nominations > 5 Nos: INR 6,500 + 18% GST (INR 1,170)= INR 7,670 per delegate	For nominations > 5 Nos: INR 7,500 + 18% GST (INR 1,350)= INR 8,850 per delegate	For nominations > 5 Nos: INR 9,000 + 18% GST (INR 1,620)= INR 10,620 per delegate
For nominations: 3-5 Nos: INR 7,500 + 18% GST (INR 1,350)= INR 8,850 per delegate	For nominations: 3-5 Nos: INR 8,500 + 18% GST (INR 1,530)= INR 10,030 per delegate	For nominations: 3-5 Nos: INR 10,000 + 18% GST (INR 1,800)= INR 11,800/- per delegate
For nominations < 3 Nos: INR 8,500 + 18% GST (INR 1,530)= INR 10,030 per delegate	For nominations < 3 Nos: INR 9,500 + 18% GST (INR 1,710)= INR 11,210 per delegate	For nominations < 3 Nos: INR 11,000 + 18% GST (INR 1,980)= INR 12,980/- per delegate

Payment of Programme should be made by NEFT transfer as per details below :

Name	ENGINEERS INDIA LIMITED (EIL)
Registered Office Address of EIL	Engineers India Bhavan, 1, Bhikaji Cama Place, R.K. Puram, New Delhi - 110066
Office Address	EIL Office Complex, Sector 16 (NH8), Gurugram - 122001, Haryana
PAN Number	AAACE5318C
Name of the Bank & Address	State Bank of India Mehrauli Road, M.G. Road , Gurugram, Haryana-122001
Branch Code	01565
Current Account Number	35776275270
IFSC/RTGS Code	SBIN0001565
MICR Code	110002190

The residential mode will include stay and hospitality at EIL Guest House at Gurugram on first cum first serve basis (subject to availability). The organizations interested in availing residential facility may kindly provide email confirmation atleast 3 days before the commencement of the program.

CORRESPONDENCE

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