

BRIEF PROFILE

Engr. Shahid Shoukat is a professional engineer currently serving as the Chief Engineer at Sui Northern Gas Pipelines Limited (SNGPL) in Pakistan. He holds a Bachelor's degree in Chemical Engineering from NFC-IEFR, Faisalabad, affiliated with the University of Engineering and Technology, Lahore, completed in 2002. He also completed his MSc in Chemical Engineering from UET Lahore. He is a member of various national and international organizations and has participated in numerous national and international events and conferences.

Throughout his career spanning over 22 years in the energy sector, he has served in different departments of SNGPL, including distribution operations, supply chain, projects, distribution and transmission departments, as well as material control and its technical evaluations. He has also led the energy efficiency desk of SNGPL in various capacities. He has held prominent positions, including Project Manager for the Green Parliament House project and Project Director in the President's Secretariat.

Engr. Shoukat was instrumental in forming the initial policy guidelines for energy efficiency audits of captive power plants under the Ministry of Petroleum and Natural Resources. These guidelines were approved by the ministry and implemented nationwide. Following this, he conducted energy efficiency audits of all captive power plants across the country within a year. This led to the assignment of the energy efficiency audit for the Parliament House to him. He conducted a comprehensive Energy Efficiency Audit and prepared report documenting findings incl. significant energy users, power flow analysis and safety loopholes.

Under his leadership, the Pakistani Parliament achieved the distinction of being the world's first completely green parliament. Green Parliament won AEE Asia Subcontinent Project of the year award in 2018 and shortlisted for Energy Institute UK awards (2019). The state-of-the-art solar project generates 1 MW of power, fulfilling a substantial portion of the Parliament House's energy needs and providing an aesthetically designed parking area. Engr. Shoukat also assisted Distribution Companies (DISCOs) in finalizing the strategy for bidirectional metering. Pakistan's Parliament was the first in the country to receive a 'Net-Metering' license from the National Electric Power Regulatory Authority (NEPRA), setting an excellent precedent for the rest of the country and strengthening Pakistan's building management standards.

Engr. Shoukat's work in adopting energy-efficient solutions at the Parliament House has been pivotal. This implementation reduced the power demand of the Parliament House by 50% while decreasing energy losses. The remaining energy requirements are met through a 1 MW solar power project, marking the Parliament House as a leader in renewable energy use.

In recognition of his significant contributions to energy saving and increased energy efficiency, as well as his professional excellence and high-quality work in conducting energy audits, Engr. Shahid Shoukat was recommended for the President's Award for Pride of Performance by the National Assembly Secretariat. His efforts not only highlight his expertise and dedication but also set a benchmark for energy management and sustainability initiatives in Pakistan.

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