

# Saving In Electricity Bills

On 19th July 2024 Indian Industries Association (IIA) hosted a insightful webinar on strategies for reducing electricity bills in industries.

The primary objective of this webinar was to explore methods to lower production costs by improving energy efficiency. The session was presided National President Shri Neeraj Singhal.

### Key Speaker: Shri Praveen Kumar Sood

Shri Praveen Kumar Sood is a seasoned engineer and entrepreneur with extensive experience in energy management. As the Chairman of Regnant Energy Solutions, he has been at the forefront of promoting energy efficiency and the adoption of renewable energy solutions in industries. His expertise and insights provided the attendees with valuable strategies to minimize electricity costs effectively.

### Key Topics Covered:

#### Understanding Energy Consumption Patterns:

Shri Sood emphasized the importance of analyzing and understanding energy consumption patterns within industrial operations. He highlighted the use of advanced metering infrastructure (AMI) to monitor and manage energy usage more efficiently.

#### Adoption of Energy-Efficient Technologies:

The webinar explored various energy-efficient technologies that industries can adopt, such as LED lighting, energy-efficient motors, and variable frequency drives (VFDs).

Shri Sood provided case studies and examples where these technologies significantly reduced energy costs.

#### Renewable Energy Integration:

A significant portion of the webinar was dedicated to the integration of renewable energy sources like solar and wind power into industrial energy systems. Shri Sood discussed

the financial and environmental benefits of on-site solar power generation and how industries can leverage government incentives for renewable energy adoption.

#### Energy Management Systems (EMS):

Shri Sood introduced the concept of Energy Management Systems (EMS) and their role in optimizing energy use. He



explained how EMS can help industries track energy performance in real-time, identify inefficiencies, and take corrective actions.

#### Government Policies and Incentives:

The webinar also covered the various government policies and incentives available to industries that invest in energy efficiency and renewable energy. Shri Sood encouraged participants to take full advantage of these programs to offset initial investment costs and improve overall energy efficiency.

#### Interactive Session:

The webinar concluded with an interactive Q&A session, where participants had the opportunity to ask specific questions related to their industries. Shri Sood provided detailed

responses, offering tailored advice to help attendees implement the strategies discussed during the webinar.

#### Conclusion:

This webinar provided IIA members with practical, actionable insights to reduce electricity bills and overall production costs. Shri Praveen Kumar Sood's expertise in energy efficiency and renewable energy, coupled with the support and guidance of IIA's National President, Shri Neeraj Singhal, made this event highly valuable for all participants.

The strategies discussed are expected to help industries become more energy-efficient and competitive in the long run.