

Proceedings of the

First International Expo and Conference on Solar Expo and Conference

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“Embracing Solar Power for a Sustainable Future” is our slogan for solar energy. We extend our warmest congratulations to the organisers of the first International Solar Expo and Conference in Peshawar. This landmark event signifies a crucial step forward in promoting solar energy adoption and fostering sustainable practices in Pakistan.

The participation of academia in this expo is commendable as it opens new avenues of learning, research, and collaboration. The exchange of knowledge and ideas between academia and industry will undoubtedly fuel innovation and drive progress in the solar energy sector.

Furthermore, we applaud the industry participants for showcasing their cutting-edge technologies and solutions at this expo. The opportunity to highlight advancements in solar technology, energy efficiency, and sustainability practices will inspire positive change and drive the adoption of solar energy across various sectors.

As we celebrate this momentous occasion, it is imperative to recognize the transformative potential of solar energy for our nation's industry and economy. At KPEZDMC, we are proud to be at the forefront of green energy solutions and advocates for the widespread adoption of solar power.

Our commitment is evident through initiatives such as the installation of solar panels in the Chitral Economic Zone, harnessing the region's solar resources for sustainable industrial development. Additionally, our upcoming KPEZDMC head office building, powered entirely by solar energy, exemplifies our dedication to sustainable practices. We are planning to convert our offices to green energy in other zones, further demonstrating our dedication to sustainable practices and reducing our carbon footprint.

The benefits of solar energy are vast and impactful. Not only does it reduce our carbon footprint and reliance on fossil fuels, but it also creates jobs, fosters innovation, and contributes to economic growth.

As we embark on this journey towards a greener and more sustainable future, let us collaborate, innovate, and invest in solar energy solutions. Together, we can unlock the immense potential of solar power and pave the way for a brighter tomorrow for Pakistan.

Congratulations once again to the organisers, GreenWend Energy, for successfully arranging this groundbreaking expo and conference. May it inspire meaningful discussions, collaborations, and actions towards a more sustainable and prosperous Pakistan.

Dr. Adnan Daud Khan

Director USPCASE, UET Peshawar



As the Director of U.S.-Pakistan Center for Advanced Studies in Energy (USPCASE) at UET Peshawar, I am proud to see our city host such a pivotal event that brings together experts, researchers, industry leaders, and policymakers. This platform will certainly facilitate the exchange of innovative ideas, cutting-edge research, and practical solutions that can drive the solar energy sector forward.

ISE2024 provides an exceptional platform for knowledge exchange, collaboration, and showcasing cutting-edge technologies. The various keynote speeches, panel discussions, and exhibitions will indeed inspire new ideas and partnerships. I encourage all participants to take full advantage of these opportunities to learn, network, and contribute to the growth of the solar energy sector.

At USPCASE, we are committed to fostering an environment of academic excellence and industry collaboration. Our goal is to develop sustainable energy solutions that address the unique challenges of our region and beyond. This conference aligns perfectly with our mission to promote research, education, and innovation in renewable energy.

I would like to extend my heartfelt appreciation to the organising committee for their dedication and hard work to make this event a success. I am confident that the discussions and partnerships formed here will pave the way for significant advancements in solar energy.

Let us use this opportunity to inspire and be inspired, to innovate and to collaborate, and to collectively work towards a greener and more sustainable future.