

**3rd INTERNATIONAL CONFERENCE ON ENERGY
CONSERVATION AND EFFICIENCY– (ICECE 2019)
23-24th October 2019**

OPENING CEREMONY

*Wednesday 23 October 2019 / Duration [09:30 – 11:30] Hrs. /
Venue: Main Auditorium UET, Lahore, Pakistan*

[09:00 – 09:30]Hr.	Reception – Guest & Audience
[09:30 – 09:35]Hrs	National Anthem
[09:35 – 09:40]Hrs	Recitation : Holy Quran
	Welcome Notes
[09:40 – 09:55] Hrs [10 Min]	Prof. Dr. Waqar Mahmood <i>Director, CERAD UET Lahore, Pakistan</i>
[09:50 – 09:55] Hrs [5 Min]	Prof. Dr. Syed Mansoor Sarwar VC UET Lahore
[09:55 – 10:00] Hrs [5 Min]	Adnan Mudassar Managing Director PEECA
[10:00 – 10:05] Hrs [5 Min]	Prof. Dr. Li Song Ever Fine Corporation, China
[10:05 – 10:10] Hrs [5 Min]	Prof. Dr. Fazal Ahmed Khalid Chairman Punjab HEC
[10:10 – 10:20] Hrs [10 Min]	Dr. Muhammad Akhtar Malik Minister Energy Punjab
[10:20 - 10:30] Hrs	Plaques Distribution
[10:30 - 10:40] Hrs	Group Photo
[10:40 - 11:05] Hrs	Exhibition Opening
[11:05 – 11:30] Hrs	Refreshment & Networking

[DAY – 1] | Wednesday 23 October 2019

SESSION-I [11:30 - 13:20] Hrs Venue: UET Main Audi, Lahore, Pakistan

Time Track – 1A	Venue : Room A	Time Track – 2A	Venue : Room B
<i>Session Chair: Prof. Dr. Suhail A Qureshi</i>		<i>Session Chair: Dr. Asif Nadeem Tabish</i>	
[11:30 - 12:00] Hrs	<i>Reshaping the Pakistan Generation Mix Engr. Salis Usman GM Power System Planning NTDC</i>	[12:00 - 12:15] Hrs	<i>Design and Analysis of hybrid power generation system for Rural Electrification: A case study Yousra Abid, Air University</i>
[12:00 - 12:40] Hrs	<i>Aligning National Determined Contribution (NDC)s and Energy Efficiency Initiatives Engr. Asad Mahmood, NEECA</i>	[12:15 - 12:30] Hrs	<i>The Impact of Domestic Energy Efficiency: Retrofit Study of Lights & Fans Using Deemed Saving Method Muhammad Abdur Rahman PEECA Lahore</i>
[12:40 -12:55] Hrs	<i>Energy Conservation in Punjab Abdur Rahman, PEECA</i>	[12:30 - 12:45] Hrs	<i>Low Temperature Thermal Energy Storage for Passive Cooling using Lauryl Alcohol Syed Shahzor Raza USPCASE NUST</i>
[12:55 -13:10] Hrs	<i>On the effectiveness of passive design measures for thermal comfort and energy efficiency in Pakistan Abdullah Javed NUST</i>	[12:45 - 13:20] Hrs	<i>Progress in the international standards for photoelectric measurement of LED lighting products Dr. Li Song Ever Fine Corporation, China</i>
[13:10 -13:20] Hrs	<i>Savings potential in the fourth utility: Compressed Air Muhammad Mustafa Ahmed AirAudit Pvt. Ltd</i>		

Lunch & Prayer Break [13:20 - 14:00] Hrs

Session-II [14:00 - 15:50]Hrs. Wednesday 23 October 2019

Time Track – 1B	Venue : Vice Chancellor Conference Room	Time Track – 2B	Venue : UET Main Audi, Lahore, Pakistan, Room B
[14:00 - 15:20] Hrs	<i>Energy and Environment Roundtable Discussion Moderator: Muhammad Ali [Manager - Mr. Farhan Riaz]</i>	<i>Session Chair: Dr. Li Song</i>	
		[14:00 - 14:15] Hrs	<i>An Event-Driven System for Li-Ion Batteries State of Health Assessment Saeed Mian Qaisar Effat University, Jeddah, Saudi Arabia</i>

[14:00 - 15:20] Hrs	<i>Venue: Conference Room</i> Energy and Environment Roundtable Discussion Moderator: Muhammad Ali [Manager - Mr. Farhan Riaz] <i>Venue: Conference Room</i>		[14:15 - 14:30] Hrs	<i>Event-Driven Time-Domain Elucidation of the Power Quality Disturbances</i> Saeed Mian Qaisar Effat University, Jeddah, Saudi Arabia
			[14:30 - 14:45] Hrs	<i>Techno-Economic analysis of hybrid renewable energy systems for rural area energization in Pakistan</i> Abdul Munim Rehmani USPCASE NUST
			[14:45 - 15:00] Hrs	<i>Suppression of Dynamic Stall by Leading Edge Slat on a Darrieus Vertical Axis Wind Turbine</i> Tariq Ullah NUST
			[15:00 - 15:15] Hrs	<i>Optimization of Quaid-e-Azam Solar power park introducing axial tracking for the increase in Annual Energy Harvest</i> Muhammad Hamza Latif CERAD UET Lahore
			[15:15 - 15:30] Hrs	<i>Anti-Soiling Nano particulate coating on PV-modules</i> Ahmad Atta Ur Rahman USPCASE-Peshawar
			[15:30 - 15:45] Hrs	<i>Performance evaluation of silica-gel based desiccant dehumidification unit for air-conditioning applications</i> Akash Siddique BZU Multan
			[15:45 - 16:00] Hrs	<i>Design and Development of a Hybrid Solar-Wind Renewable Energy Generator System</i> Khazar Hayat UOL Lahore
[15:40 - 19:20] Hrs	Industrial Visit Technical Visit – CERAD KSK [Venue Manager: Mr. Aqeel Muhammad Baber, Imran A. Shah]			
[20:00 - 21:00] Hrs	Conference Dinner			

[Day 2] Thursday 24 October 2019			
[08:30 - 09:00] Hrs	Welcome Tea/coffee		
Session-I [10:00 - 11:20]Hrs			
Time: Track-3A	Venue: Room A	Time: Track-4A	Track – 4A Venue : Room B
Session Chair: Prof. Dr. Booming Zhang		Session Chair: Prof. Dr. Amjad Hussain	
[10:00 - 10:40] Hrs	Biowaste valorisation: A pathway towards realizing integrated biorefineries, circular bioeconomy and sustainable development Dr. Abdul Aziz Attabani Erciyes University, Turkey	[10:00 - 10:20] Hrs	Simulation of Solar angles for maximizing Efficiency of Solar Thermal Collectors Muhammad Ahsan UET Lahore
[10:40 – 11:20] Hrs	State-of-technology review of water-based closed seasonal thermal energy storage systems Dr. Youn Soup Gwangju University, Korea	[10:20 - 10:40] Hrs	Load Power Smoothing and DC Bus Voltage Control of PV-SMES Standalone Microgrid based Variable Speed DG using FLC-MPC Approach Habib Ur Rahman Habib UET Taxila
[11:20 – 12:00] Hrs	Distributed Autonomy and Centralized Coordination – a Vision for Smart Grid EMS Booming Zhang Tsinghua University	[10:40 - 11:00] Hrs	Cost Optimization of Hybrid Microgrid across China-Pakistan Economic Corridor (CPEC) Eastern Route for Rural Electrification in Pakistan Rabia Khan COMSATS Lahore
		[11:00 - 11:20] Hrs	Design of an Efficient Authentication and Access Control System using RFID Khush Bakht FJWU Rawalpindi
		[11:20 - 12:00] Hrs	A Techno-economic based Integrated Planning Approach from Economic Load Dispatch Perspective in Various Distribution Network Topologies Mustafa Tariq NUST, Islamabad
		[12:00 - 12:20] Hrs	Enhancing LVRT Capability of Small-Scale Hydro Power System using DFIG Muhammad Ilyas UET Peshawar

[Day 2] Session-II [12:30 -14:00]Hrs

Time Track – 3B	Venue : Room A	Time Track – 4B	Venue : Room B
<i>Session Chair: Dr. Abdul Aziz Attabani</i>		<i>Session Chair: Dr. M Asif Hussain</i>	
[12:10 - 13:00] Hrs	<i>Planning of the Energy System and the Improvement of Pakistan's Energy System linked to the Transmission and Dispatch System</i> Dr. Fiaz Ahmad Chaudhry LUMS	[12:30 - 12:50] Hrs	<i>Experimental Investigation Of Using Latent Thermal Energy Storage System Comprising Of Magnesium Chloride Hexahydrate (MgCl₂.6H₂O) With Domestic Gas Heater</i> Fawad Ahmed NUST Islamabad
		[12:50 - 13:10] Hrs	<i>Development and analysis of electrification of Tri-wheeler Automobile</i> Hammad Farooq UET Lahore
[13:00 – 13:40] Hrs	<i>An overview of the Energy Scenario of Pakistan; the policy planning and the issue of Circular debt</i> Engineer Arshad H. Abbasi SDPI	[13:10 - 13:30] Hrs	<i>Accelerated PSO-Scaled PI Controller for DC-DC Boost Converter in Photovoltaic Systems</i> Sheroze Liaquat FAST NU Lahore
		[13:30 - 13:50] Hrs	<i>Effect of hot climate condition on the performance of savonius type vertical axis wind turbine</i> Muhammad Waqas PIET Multan
[13:40 – 14:00] Hrs	<i>Velarisation of Lignocelluloseic production: An advance future biofuel</i> Dr. Saima Shahzad University of Agriculture Faisalabad	[13:50 - 14:10] Hrs	<i>Optimal Placement and Sizing of Distributed Generator in Meshed Distribution System</i> Hafiz Waleed Ahmad USPCASE NUST
Lunch & Prayer Break [14:00 – 14:30] Hrs			

<u>CLOSING CEREMONY</u>	
INTERNATIONAL CONFERENCE ON ENERGY CONSERVATION AND EFFICIENCY– 2019	
<i>Thursday 24 October 2019 / Duration [16:00 – 18:00] Hrs</i> <i>Venue: Transport Department Hall, Lahore, Pakistan</i>	
[16:00 - 16:20]	Reception (Guest & Participants)
[16:20 - 16:30]	Recitation : Holy Quran
[16:30 - 17:00]	Closing Notes
[10 Min]	<i>Guest of Honor</i> Prof. Dr. Waqar Mahmood, Director CERAD UET Lahore
[05 Min]	<i>Guest of Honor</i> Adnan Mudassar, Managing Director PEECA
[05 Min]	<i>Guest of Honor</i> Prof. Dr. Syed Mansoor Sarwar, VC UET Lahore
[05 Min]	<i>Guest of Honor</i> Prof. Dr. Booming Zhang, Tsinghua University, Beijing China
[05 Min]	<i>Guest of Honor</i> Engr. Jawed Salim Qureshi, PEC Chairman
[17:00 – 17:20]	<i>Chief Guest</i> Raja Yasir Humayun Sarfraz, Minister Education Punjab
[17:20 – 17:40]	Plaques Distribution
[17:40 – 17:45]	Group Photo
[17:45 – 18:00]	Refreshment